



PRODUCT CATALOG

Catalog
T128

FOR THE ENTERPRISE LEVEL INTEGRATOR

800.688.9282 | nace.tv | sales@nace.tv

The industry is changing, and NACE
is here to keep you on the leading edge.

Take a look
at what's
new...



NACEConnect Business Services

Recurring Revenue

- Business Internet
- Business TV
- Cellular Uptime
- CloudView
- SignEase



IPTV Systems
Video/RF Distribution
Video Surveillance
IP Ethernet Network & Wi-Fi



Test Equipment
Fiber Optic Systems
Video Transport
Custom Headends



and much
more...

Let us keep you on the leading edge

Take a look at what's new...



Ruckus
Indoor 802.11ac 2x2:2
Wi-Fi Access Point
R500 - Page 110



**NDAA
COMPLIANT**
Video Surveillance
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Evoca Indoor/Outdoor
Off-Air Antenna with 5G
TV-130990 - Page 92



Pro:Idiom Set Top Boxes
work with DIRECTV
COM3000 systems
including MediaTune
VSBB100-OFFLINE
Page 65



DIRECTV Receiver
H26K - Page 138



DataTronix
Single Channel
Agile Micro Modulator
DT-QAM-AMM-1
Page 70



NACEConnect
Cellular Uptime
Recurring Revenue Service
Page 113



FiberTronix L-Band Fiber Optic
Transmitter and Receiver
FT-SAT-TX-6 | FT-SAT-RX-6
Page 149



DataTronix
8 RF Out HD Encoder Modulator
DT-QAM-ENCMOD-8
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DataTronix 24 Channel IP to Analog Modulator
Field Upgradeable to 32 Channels
DT-NTSC-24 - Page 57



DataTronix ATSC to QAM/IP Converters
DT-ATSC-QAM-8V2 | DT-ATSC-IP-8V2
Page 64

Line Card

www.nace.tv

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Alcatel•Lucent
Enterprise

BELDEN
SENDING ALL THE RIGHT SIGNALS

 **BLONDER TONGUE**
LABORATORIES

DIRECTV

GAMEVIEW
GET YOUR GAME ON

 **global FOXCOM**
completing the picture

 **LigoWave**


Middle Atlantic Products

Televes

TRIPP•LITE
by **EAT•N**

UNITRON
GROUP

vantiva
Pushing the edge

 **WILSON**
ELECTRONICS


WINEGARD

zeevee
Intelligent AV Distribution

TronixBrands™

SecurityTronix™

DataTronix™

CableTronix™

FiberTronix™

 **NACEConnect**
Business Services

 **NACEConnect**
Cellular Uptime

 **NACEConnect**
CloudView

 **NACEConnect**
SignEase

 **NACEConnect**
Business Internet & Voice

 **NACEConnect**
Business TV

- Cat5e & Cat6 Gear
- CATV Distribution
- CCTV Equipment
- Character Generators
- Cloud Video Storage Service
- Coaxial Cable
- Cell Phone Signal Boosters
- Connectors & Adapters
- Digital Signage
- Emergency Alert Systems
- Ethernet Over Coax
- Ethernet Over Fiber
- Ethernet Switches
- Fiber Optic Equipment
- HDBaseT™ Distribution
- HDTV Distribution
- Headend Equipment
- Home Theater Accessories
- IP Distribution
- IP Cameras & Software
- IP Surveillance
- Modulators
- Molding & Conduit
- Network Video Recorders
- Off Air Antennas
- Racks & Cabinets
- Satellite Dishes
- Satellite Receivers
- Satellite Distribution Equipment
- Speakers & Audio Gear
- Surge Protectors
- Television Mounts
- Test Equipment
- Tools
- UPS Battery Backups
- Video Baluns
- Wire & Cable
- Wireless Internet

You create the Infrastructure for your Customer's Mission-Critical Services

What if you could get paid every month for those services?

You can, with **NACEConnect!**

Installing network and low-voltage infrastructure can be great business, but your profitability is only as good as your last job. What if you could have money coming in every month, for years, from each job you do? That is the kind of revenue stream that keeps you going during slow business periods or unforeseen events like the global pandemic.

When you install a network for any business, you know they are going to need internet, and they are going to buy it from someone. You already have an edge because you are in the door early and they have chosen to work with you. Why leave money on the table for someone else to take?

Pick up the money with **NACEConnect!**



NACEConnect enables you to directly sell enterprise-grade internet service from major carriers nearly anywhere in the country. The process is very easy, and you collect monthly recurring revenue for as long as the customer keeps their internet service.

Nationwide Footprint with AT&T Reliability

Most **NACEConnect** services utilize the world-class reliability of the AT&T IP Backbone, with transport agreements on qualified local carriers allowing you to offer service to most US locations. Service Level Agreements (SLAs) ensure guaranteed performance and reliability to your customers.

If you're ready to start offering this essential service to your customers,

Let's Connect

Jeffrey Lawton
Director of Channel Services
jlawton@nace.tv
702-329-3211



NACE: Your Trusted Partner in Tailored Technology Solutions

Since 1992, NACE has been at the forefront of specialized manufacturing and distribution in the fields of video surveillance, multimedia technology, TV headend equipment, and satellite TV infrastructure products. With a robust operational network spanning five locations across North America, we've solidified our position as a premier supplier meeting the evolving needs of diverse markets.

Our success is grounded in an extensive and continually expanding inventory, bolstered by a sophisticated engineering and prefabricated system assembly network designed to meet the precise demands of professional integrators. Our product range spans video surveillance equipment, satellite downlink products, cable TV headend and distribution equipment, fiber optics, voice and data communications, electronic and industrial cable, sound, video, and audio mounting systems, equipment racks, tools, test equipment, cable assemblies, and more—all readily available for prompt delivery.

At NACE, we're committed to providing top-quality products at competitive prices, tailored precisely to our customers' unique requirements. Our NACEConnect division offers opportunities for recurring revenue through services such as entertainment video, internet, video surveillance cloud-based storage, digital signage, cellular backup, and more.

Our sterling reputation is built on unwavering dedication to superior customer service, featuring the industry's leading technical support staff and extensive product research derived from decades of industry experience. Every member of the NACE team, from sales personnel and technicians to managers and senior leadership, is readily accessible to customers and driven to not only meet but exceed their expectations.

At NACE, our mission is simple yet profound —
Distribution Tailored to Your Needs.

Distribution Tailored to Your Needs

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Why Partner with SecurityTronix for Video Surveillance?



We have tools to support your team

From initial meeting and describing equipment applications, to designing a bill of materials and delivery of a quote, we help your salespeople understand the various elements of a system and ensure they are delivering a solution that meets the needs of your client—not just deliver a pile of equipment!



Build your reputation for Quality, Trust and Reliability

Whether you're seeking to build a new reputation in the industry, or even repair or strengthen your existing reputation, partnering with SecurityTronix allows you to add consistency in delivering high-quality, high-expertise solutions for your customers.



Confidently Engage Customers

We help you sell with confidence by leveraging our team of experts with sales guidance, product knowledge, and customized marketing materials so you can engage larger contracts, compete successfully, and win bids.



ST Live

Your clients want and expect secure video surveillance storage with mobile and remote access—now you can easily provide it! Earn monthly recurring revenue with our cloud-based video surveillance storage platform.



Strategically Grow Your Business

By leveraging our platform, team, and services, you will go to market with an extended expert team, before you actually need to hire full time. We cost-effectively let you approach the market with more skills, more experience, and more people power so you can engage larger contracts and compete successfully to win bids that help you grow your business.



FREE Jobsite Survey

We work with you to understand your project needs and assist with insight and solutions to create a custom bill of materials for your project. Our team is available to assist from the site survey, to the delivery of equipment, to any technical assistance required at any stage of the process.



24/7/365 US-Based Technical Support

You can call to speak with one of our trained and certified technicians 24/7/365 days a year. They will assist you with troubleshooting all of your video surveillance equipment questions.



Same Day Shipping

3 warehouse locations for quick convenient shipping:

- West Chester, PA
- St. Peters, MO
- Las Vegas, NV

SECURITYTRONIX GUARANTEE

We're so confident that we can help you, that we're willing to put our money where our mouth is. Take the SecurityTronix challenge!

We have one mission: to help you deliver excellent customer service and solutions so you can land bigger contracts, strengthen your reputation for reliability, and grow your businesses.

Follow these 3 simple steps, and we'll help ensure YOUR project's success:

1

Complete our online SecurityTronix Site Survey for your next project

2

Let our engineers create your bill of materials

3

Purchase the entire list of equipment from us

Now here's the best part: if any core item for the system is missing upon delivery (e.g. camera, HDD, power supply, PoE switch), we will pay the cost to ship you the missed item via next day freight. You know how expensive that can be—and how that last-minute cost eats into your profit margins.

Go to: securitytronix.com/guarantee for full details



SecurityTronix Sales
800.460.1801
sales@securitytronix.com
securitytronix.com

SecurityTronix Technical Support
610.429.0334 (9-5 ET)
702.308.4220 (24/7)
support@securitytronix.com
Chat: www.securitytronix.com

Corporate Headquarters
1085 Andrew Drive Suite A
West Chester, PA 19380

♦ 3 Locations ♦ West Chester, PA ♦ St. Peters, MO ♦ Las Vegas, NV ♦ 2 Day Shipping to most areas ♦

TEST METERS

- ▶ Portable
- ▶ Easy to Use
- ▶ Reduces the need for multiple devices
- ▶ Saves Installation Time
- ▶ All Day Battery Life
- ▶ Made for the professional installer

CALL NOW TO FIND OUT HOW TO GET A FREE METER



Touch Screen



Touch Screen



Camera & Network Installation Test Meters

Models	ST-ALLIN1-TEST2	ST-IP-TEST2
Display Size	7"	7"
Resolution	1280 x 800	1920 x 1200
Touchscreen	■	■
IP Camera Testing	■	■
Analog/CVBS	■	■
TVI/CVI/AHD	■	■
SDI/ EX-SDI	■	■
Built-in PoE (802.3at/af)	■	■
12V DC Output	■	■
Digital Multi-Meter	■	■
HDMI Input/Output	■	■
USB 5V 2A Output	■	■
Cable Toner Wand	■	■
UTP Cable Tester	■	■
UTP TDR	■	■
WiFi Capabilities	■	■
SD Card	■	■
Optional International Power Adapters	■	■
Wifi Analyzer	■	■
Dual NIC	■	■
DC24V output	■	■
Video Bandwidth/Storage Calculator	■	■
Easy Link Monitor	■	■
Field of View Calculator	■	■
Rechargeable Battery	■	■
Battery Capacity	Capacity - 7500mAh	5000mAh
Price	\$795.00	\$580.00

Every test meter comes standard with a 30 minute phone conversation with our talented technical staff to help you discover all of the ways it will improve your installation or troubleshooting process. We also offer 24/7/365 Live US Based Technical Support.

IP CAMERAS

FREE IP CAMERA ADDRESSING AND PRE-CONFIGURATION

- ▶ Configuring a system on-site can be frustrating, and tie up an installer for additional hours or days.
- ▶ We remove the hassle and save you time and money.

Free For A Limited Time - Call Today!



NDA IP Network Cameras - 4MP Fixed Lens

Models	ST-GIP4FD-2.8, ST-GIP4FD	ST-GIP4FTD-2.8	ST-GIP4FB-2.8
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2688 x 1520	2688 x 1520	2688 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	128 Kbps-16 Mbps	128 Kbps-16 Mbps	128 Kbps-16 Mbps
Image Sensor	1/3", 4.0 megapixel, progressive scan, CMOS	1/3", 4.0 megapixel, progressive scan, CMOS	1/3", 4.0 megapixel, progressive scan, CMOS
Lens Options	2.8mm/4mm	2.8mm	2.8mm
Angle Adjustment	Pan: 0°- 360°, Tilt: 0°- 68°, Rotate: 0°-360°	Pan: 0°- 360°, Tilt: 0°- 80°, Rotate: 0°-360°	Pan: 0°- 360°, Tilt: 0°- 90°, Rotate: 0°-360°
Min. Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0 Lux with IR	Colour: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR	Colour: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 98 ft (30m) IR range	Up to 98 ft (30m) IR range	Up to 164 ft (50m) IR range
WDR	120dB	120dB	120dB
SMART Triggers	Behavior Detection: Line crossing, Intrusion detection, Motion detection, Tampering alarm	Behavior Detection: Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection	Behavior Detection: Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection
Audio Input/Output	N/A	Built in Mic	Built in Mic
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67	IP67
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)"	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)
Power Supply	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 5.5W	Max 6.0W	Max 6.0W
Dimensions: in. (mm)	4.3 x 3.2" (109 x 81 mm)	4.6 x 3.8" (118 x 95 mm)	7.5 x 2.9" x 2.8" (190 x 73 x 71 mm)
Weight: lbs. (kg/g)	0.77 lbs (0.35kg)	0.77 lbs (0.35kg)	0.99 lbs (0.45kg)
Optional Brackets	Wall Mount: ST-GWM03-A Junction Box: ST-GJB03-B	Wall Mount: ST-GWM03-A	Junction Box: ST-GJB05-A
PRICE	\$121.00	\$121.00	\$122.00



IP CAMERAS

24/7 COLOR - EVEN IN THE DARK

- ▶ Capture details in low light or total darkness.
- ▶ Object placement/removal
- ▶ Intrusion/Face detection



NDA IP Network Cameras - 4MP Fixed Lens - 24/7 Color		
Models	ST-GIP4FTD-CNV-2.8	ST-GIP4FB-CNV
Megapixels	4MP	4MP
Max. Image Resolution	2688 x 1520	2688 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	128 Kbps-16 Mbps	128 Kbps-16 Mbps
Image Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS	1/1.8", 4.0 megapixel, progressive scan, CMOS
Lens Options	2.8mm@F1.0	4.0mm@F1.0
Angle Adjustment	Pan: 0°-360°, Tilt: 0°-75°, Rotate: 0°-360°	Pan: 0°-360°, Tilt: 0°-90°, Rotate: 0°-360°
Min. Illumination	Colour: 0.0005Lux (F1.0, AGC ON)	Colour: 0.0005Lux (F1.0, AGC ON)
Day & Night	Supplemental LED	Supplemental LED
IR Range	Up to 98ft (30m)	Up to 98ft (30m)
WDR	120dB	120dB
SMART Triggers	Smart intrusion prevention: False alarm filtering, Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection, Statistical Analysis: People Counting Behavior Detection: Motion detection, tampering alarm, audio detection	Smart intrusion prevention: False alarm filtering, Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection, Statistical Analysis: People Counting Behavior Detection: Motion detection, tampering alarm, audio detection
Audio Input/Output	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK10
Working Temp.	Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)
Power Supply	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 9.0W	Max 9.0W
Dimensions: in. (mm)	5.1 x 4.3" (129 x 110 mm)	9.6 x 3.4 x 3.3" (245 x 86 x 85 mm)
Weight: lbs. (kg/g)	1.52 lbs (0.69 kg)	1.92 lbs (0.87 kg)
Optional Brackets	Wall Mount: ST-GWM03-C, Junction Box: ST-GJB03-E	Junction Box: ST-GJB07-C
PRICE	\$229.00	\$231.00



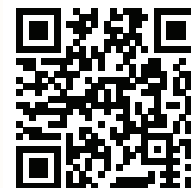
NDAA IP Network Cameras - 8MP Fixed Lens

Models	ST-GIP8FD-2.8	ST-GIP8FTD-2.8	ST-GIP8FB-2.8
Megapixels	8MP	8MP	8MP
Max. Image Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	128 Kbps - 16 Mbps	128 Kbps - 16 Mbps	128 Kbps - 16 Mbps
Image Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS	1/2.7", 8.0 megapixel, progressive scan, CMOS	1/2.7", 8.0 megapixel, progressive scan, CMOS
Lens Options	2.8mm@1.6, Fixed-focal	2.8mm@1.6, Fixed-focal	2.8mm@1.6, Fixed-focal
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 68°, Rotate: 10° to 360°	Pan: 0° to 360°, Tilt: 0° to 80°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Min. Illumination	Colour: 0.005Lux (F1.6, AGC ON) 0 Lux with IR on	Colour: 0.005Lux (F1.6, AGC ON) 0 Lux with IR on	Colour: 0.005Lux (F1.6, AGC ON) 0 Lux with IR on
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 98 ft (30m) IR range	Up to 98 ft (30m) IR range	Up to 164 ft (50m) IR range
WDR	120dB	120dB	120dB
SMART Triggers	Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection	Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection	Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection
Audio Input/Output	Built in Mic	Built in Mic	Built in Mic
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67	IP67
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)
Power Supply	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	12 V DC±25%, PoE (IEEE802.3 af)
Power Consumption	Max 4.5W	Max 4.5W	Max 6.5W
Dimensions: in. (mm)	4.3 x 3.3" (109 x 83 mm)	4.6 x 3.8" (118 x 95mm)	7.5 x 2.9 x 2.8" (190 x 73 x 71mm)
Weight: lbs. (kg/g)	0.82 lbs (0.37 kg)	0.79 lbs (0.36 kg)	0.99 lbs (0.45 kg)
Optional Brackets	Wall Mount: ST-GWM03-A Junction Box: ST-GJB03-B	Wall Mount: ST-GWM03-A	Junction Box: ST-GJB05-A
PRICE	\$210.00	\$210.00	\$210.00



Let us help you **SURVEY** your next job site

SecurityTronix® site survey provides a concise way to deliver critical information regarding CCTV installation projects. Once delivered, the form will be reviewed by the SecurityTronix Sales Engineers, who will design a comprehensive bill of materials from cameras to connectors.



securitytronix.com/sitesurvey



NDAA IP Network Cameras - 8MP Fixed Lens - 24/7 Color

Models	ST-GIP8FTD-CNV-2.8	ST-GIP8FB-CNV
Megapixels	8MP	8MP
Max. Image Resolution	3840 x 2160	3840 x 2160
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	128 Kbps-16 Mbps	128 Kbps-16 Mbps
Image Sensor	1/1.8", 8.0 megapixel, progressive scan, CMOS	1/1.8", 8.0 megapixel, progressive scan, CMOS
Lens Options	2.8mm@F1.0	4.0mm@F1.0
Angle Adjustment	Pan: 0°-360° / Tilt: 0°-72° / Rotate: 0°-360°	Pan: 0°-360° / Tilt: 0°-90° / Rotate: 0°-360°
Min. Illumination	Colour: 0.001Lux (F1.0, AGC ON)	Colour: 0.001Lux (F1.0, AGC ON)
Day & Night	Supplemental LED	Supplemental LED
IR Range	Up to 98ft (30m)	Up to 98ft (30m)
WDR	120dB	120dB
SMART Triggers	Smart intrusion prevention: False alarm filtering, Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection, Statistical Analysis: People Counting Behavior Detection: Motion detection, tampering alarm, audio detection	Smart intrusion prevention: False alarm filtering, Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection, Statistical Analysis: People Counting Behavior Detection: Motion detection, tampering alarm, audio detection
Audio Input/Output	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Local Storage	Micro SD, up to 256 GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK10
Working Temp.	Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)
Power Supply	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 11W	Max 11W
Dimensions: in. (mm)	5.1 x 4.3" (129 x 110 mm)	9.6 x 3.4 x 3.3" (245 x 86 x 85 mm)
Weight: lbs. (kg/g)	1.41 lbs (0.64kg)	1.89 lbs (0.86kg)
Optional Brackets	Wall Mount: ST-GWM03-C Junction Box: ST-GJB03-E	Junction Box: ST-GJB07-C
PRICE	\$304.99	\$304.99



FIND OUT HOW TO GET A

FREE TEST METER

securitytronix.com/free-meter



NDAA IP Network Cameras - 4MP Varifocal Lens - Motorized Zoom

Models	ST-GIP4VFD-MZ	ST-GIP4VFTD-MZ	ST-GIP4VFB-MZ
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2688 x 1520	2688 x 1520	2688 x 1520
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	128 Kbps-16 Mbps	128 Kbps-16 Mbps	128 Kbps-16 Mbps
Image Sensor	1/3", 4.0 megapixel, progressive scan, CMOS	1/3", 4.0 megapixel, progressive scan, CMOS	1/3", 4.0 megapixel, progressive scan, CMOS
Lens	2.7 - 13.5mm, AF automatic focusing and motorized zoom lens	2.7 - 13.5mm, AF automatic focusing and motorized zoom lens	2.7 - 13.5mm, AF automatic focusing and motorized zoom lens
Angle Adjustment	Pan: 0°- 360°, Tilt: 0°- 90°, Rotate: 0°-360°	Pan: 0°-360°, Tilt: 0°-75°, Rotate: 0°-360°	Pan: 0°-360°, Tilt: 0°-90°, Rotate: 0°-360°
Min. Illumination	Colour: 0.002Lux (F1.2, AGC ON) 0 Lux with IR on	Colour: 0.002Lux (F1.2, AGC ON) 0 Lux with IR on	Colour: 0.002Lux (F1.2, AGC ON) 0 Lux with IR on
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 131 ft (40m) IR range	Up to 131 ft (40m) IR range	Up to 164 ft (50m) IR range
WDR	120dB	120dB	120dB
SMART Triggers	Line crossing, Intrusion detection, Enter area / Leave area detection, Motion detection, Tampering alarm, Audio detection	Line Crossing, Intrusion detection, Enter area / Leave area detection, Face detection, Motion detection, Tampering alarm, Audio detection	Line crossing, Intrusion detection, Motion detection, Tampering alarm, Audio detection
Audio Input/Output	1 Input: impedance 35kΩ; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]	Built in Mic	1 Input: impedance 35kΩ; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK10	IP67 / IK10
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)
Power Supply	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 7.0W	Max 7.0W	Max 8.5W
Dimensions: in. (mm)	5.8 x 4.4" (148 x 111.3 mm)	5.1 x 4.3" (148 x 111.3 mm)	9.7 x 3.4 x 3.4" (245.4 x 85.4 x 86.4mm)
Weight: lbs. (kg/g)	2.03 lbs (0.92kg)	1.52 lbs (0.69kg)	2.03 lbs (0.92kg)
Optional Brackets	Wall Mount: ST-GWM04-B Junction Box: ST-GJB04-D	Wall Mount: ST-GWM03-C Junction Box: ST-GJB03-E	Junction Box: ST-GJB07-C
Price	\$289.00	\$289.00	\$289.00

**While we attempt to hold pricing we can not control if our vendors increase pricing.
 Images shown may be different from actual product.**



NDAA IP Network Cameras - 8 MP Varifocal Lens - Motorized Zoom

Models	ST-GIP8VFD-MZ	ST-GIP8VFTD-MZ	ST-GIP8VFB-MZ
Megapixels	8MP	8MP	8MP
Max. Image Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Bit Rate	128 Kbps-16 Mbps	128 Kbps-16 Mbps	128 Kbps-16 Mbps
Image Sensor	1/2.8", 8.0 megapixel, progressive scan, CMOS	1/2.8", 8.0 megapixel, progressive scan, CMOS	1/2.8", 8.0 megapixel, progressive scan, CMOS
Lens	2.8 - 12mm, AF automatic focusing and motorized zoom lens	2.8 - 12mm, AF automatic focusing and motorized zoom lens	2.8 - 12mm, AF automatic focusing and motorized zoom lens
Angle Adjustment	Pan: 0°-355°, Tilt: 0°-80°, Rotate: 0°-355°	Pan: 0°-360°, Tilt: 0°-75°, Rotate: 0°-360°	Pan: 0°-360°, Tilt: 0°-90°, Rotate: 0°-360°
Min. Illumination	Colour: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR on	Colour: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR	Colour: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR on
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 131 ft (40m) IR range	Up to 131 ft (40m) IR range	Up to 164 ft (50m) IR range
WDR	120dB	120dB	120dB
SMART Triggers	False alarm filtering, Line crossing, Intrusion detection, Region entrance / Region exit detection, Face detection, People counting, Motion detection, Tampering alarm, Audio detection	False alarm filtering, Line crossing, Intrusion detection, Region entrance / Region exit detection, People counting, Motion detection, Tampering alarm, Audio detection	False alarm filtering, Line crossing, Intrusion detection, Region entrance / Region exit detection, People counting, Motion detection, Tampering alarm, Audio detection
Audio Input/Output	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]	Built in Mic	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK10	IP67 / IK10
Working Temp.	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)	Working Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing) Storage Environment: -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH (non-condensing)
Power Supply	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 9.0W	Max 9.0W	Max 10.5W
Dimensions: in. (mm)	5.8 x 4.4" (148 x 111.4 mm)	5.1 x 4.3" (129 x 110 mm)	9.6 x 3.4 x 2.8" (245 x 86 x 72 mm)
Weight: lbs. (kg/g)	2.03 lbs (0.92kg)	1.52 lbs (0.69kg)	2.03 lbs (0.92kg)
Optional Brackets	Wall Mount: ST-GWM04-B Junction Box: ST-GJB04-D	Wall Mount: ST-GWM03-C Junction Box: ST-GJB03-E	Junction Box: ST-GJB07-C
Price	\$379.99	\$379.99	\$379.99

Discover exceptional product bargains within the Clearance Section located at the rear of the book



NDAA IP Network Cameras - 4MP PTZ (Pan, Tilt, Zoom)

Models	ST-GIP4PTZ-25X	ST-GIP4PTZ-33X	ST-GIP5PTZ-4X-AD
Megapixels	4MP	4MP	5MP
Max. Image Resolution	2688 x 1520	2688 x 1520	4000 x 3000
Video Compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra265, H.265, H.264, MJPEG
Bit Rate	128 Kbps-16 Mbps	128 Kbps-16 Mbps	128 Kbps-16 Mbps
Image sensor	1/2.8", 4.0 megapixel, progressive scan, CMOS	1/2.8", 4.0 megapixel, progressive scan, CMOS	1/1.7", 12.0 megapixel, progressive scan, CMOS
Lens - Optical/Digital Zoom	4.8 - 120mm, AF automatic focusing and motorized zoom lens	4.5 - 148.5mm, AF automatic focusing and motorized zoom lens	1.8mm@F2.0
PTZ functions	Pan 360°, Tilt -15° - 90°	Pan 360°, Tilt -15° - 90°	N/A
Min. Illumination	Colour: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR	Colour: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR	Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR
Day & Night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR Range	Up to 328 ft (100m) IR range	Up to 492 ft (150m) IR range	Up to 49 ft (15m) IR range
WDR	120dB	120dB	DWDR
SMART Triggers	Smart Intrusion Prevention: False alarm filtering, Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection Face Capture: Face attributes: Gender, Age range, Glasses, Mask People Counting: people flow counting and crowd density monitoring, Basic Detection: Motion detection, Audio detection, Tampering Alarm		Smart intrusion prevention: Cross Line detection, Intrusion detection Statistical Analysis: Heat map (Working with management platform) Basic Detection: Motion detection, Audio detection, Tampering alarm
Audio Input/Output	1/1	1/1	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256 GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP66	IP67 / IK10
Working Temp.	Working Environment -40 - 158°F (-40 - 70°C), Humidity: ≤95% RH (non condensing) Storage Environment -40 - 158°F (-40 - 70°C), Humidity: ≤95% RH (non-condensing)"		Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH
Power Supply	DC12V(±25%,3A), PoE+(IEEE 802.3at)	AC 24V±25%, DC 24V±25%, PoE+ (IEEE802.3 at)	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 21W	Max 25W	Max 12W
Dimensions: in. (mm)	6.5 x 11.6" (166 x 295 mm)	8.9 x 15.1" (227 x 384.8mm)	5.9 x 2.2" (149 x 55mm)
Weight: lbs (kg/g)	6.72 lbs (3.05kg)	11.64 lbs (5.28kg)	1.15 lbs (524g)
Optional Brackets	PTZ Wall Mount: (Short) ST-GWMP TZ-A (Long) ST-GWMP TZ-B	PTZ Wall Mount: (Short) ST-GWMP TZ-A (Long) ST-GWMP TZ-B	Junction Box: ST-GJB04-G
Optional Controller	ST-USB-KB	N/A	N/A
Price	\$539.00	\$1,153.33	\$296.00


NDAA IP Network Cameras - 2MP License Plate Recognition Camera (LPR)/ 12 MP Fisheye

Models	ST-GIP2VFB-LPR	ST-GIP12FE
Megapixels	2MP	12MP
Max. Image Resolution	1920 x 1080 (60fps)	4000 x 3000
Video Compression	H.264 (default), H.265	Ultra265, H.265, H.264, MJPEG
Bit Rate	2.5 - 10 Mbps	128 Kbps-16 Mbps
Image sensor	1/2.8" 2MP CMOS	1/1.7", 12.0 megapixel, progressive scan, CMOS
Lens - Optical/Digital Zoom	4.7 to 47mm, motorized zoom	1.8mm@F2.0
PTZ functions	Pan: 0°-360°, Tilt: 0°-90°, Rotate: 0°-360°	N/A
Min. Illumination	0.001lux (F1.6)	Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR
Day & Night	N/A	IR-cut filter with auto switch (ICR)
IR Range	Up to 164 ft (50m) IR Range	Up to 49 ft (15m) IR range
WDR	120dB	DWDR
SMART Triggers	License plate number recognition, Vehicle body color recognition, Entry/Exit scenes	Smart intrusion prevention: Cross Line detection, Intrusion detection Statistical Analysis: Heat map (Working with management platform) Basic Detection: Motion detection, Audio detection, Tampering alarm
Audio Input/Output	1 × audio input, 1 × audio output	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Local Storage	ANR with a Micro SD card, up to 128GB	Micro SD, up to 256GB
Protection Level	IP67 / IK10	IP67 / IK10
Working Temp.	Working Environment: -40 - 140°F (-40 - 60°C) Humidity: ≤90% RH (non-condensing) Storage Environment: -40 - 140°F (-40 - 60°C) Humidity: ≤90% RH (non-condensing)	Working Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH Storage Environment -22 - 140°F (-30 - 60°C), Humidity: ≤95% RH
Power Supply	DC12V + 25% - 10%, PoE (IEEE 802.3at POE+)	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max: 20W	Max 12W
Dimensions: in. (mm)	15.2 x 4.96 x 5.12" (386 x 126 x 130 mm)	5.9 x 2.2" (149 x 55mm)
Weight: lbs (kg/g)	4.41 lbs (2kg)	1.15 lbs (524g)
Optional Brackets	Wall mount included	Junction Box: ST-GJB04-G
Optional Controller	ST-USB-KB	N/A
Price	\$844.00	\$816.00

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ST-GNVR8-P8-V2



ST-GNVR16-P16



ST-GNVR32



ST-GNVR32-P16

NDAA Network Video Recorders (NVR)				
Models	ST-GNVR8-P8-V2	ST-GNVR16-P16	ST-GNVR32	ST-GNVR32-P16
Description	8ch Video Input	16ch Video Input, 16 Port Built in PoE	32ch Video Input	32-channel input, 16 Port Built in PoE
PoE Interface	8 RJ45 10M/100M self-adaptive Ethernet interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface	N/A	16 RJ-45 10M/100M self-adaptive Ethernet Interface
Decoding	Ultra 265, H.265, H.264	Ultra 265/H.265/H.264	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Hard Disk Drive Storage	2 SATA interface, Up to 10TB for each HDD	2 SATA interface, Up to 10TB for each HDD	2 SATA interface, Up to 10TB for each HDD	4 SATA interface, Up to 10TB for each HDD
RAID Array Type	N/A	N/A	N/A	RAID 1/5
Video Output	VGA: 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI: 4K (3840 x 2160)/30Hz, 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz		VGA: 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI: 4K (3840 x 2160)/30Hz, 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz	
Audio Input/Output	1-Channel, RCA	1-Channel, RCA	1-Channel, RCA	1-Channel, RCA
External Interface	Network Interface: 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface USB Interface Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0		Network Interface: 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces USB Interface: Front panel: 1 x USB2.0, Rear panel: 1 x USB 2.0, 1 x USB 3.0	Network Interface: 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface USB Interface Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0
Alarm Input / Output	4 Channel / 1 Channel	4 Channel / 1 Channel	8 channel / 2 channel	16 channel / 4 channel
Smart Functions	VCA Detection by Camera: Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking People Counting: People flow counting & crowd density monitoring General Alarm: Motion, tampering, human body detection, video loss alarm input & audio detection			
Network Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS			
Working Temperature	14 - +131°F (-10 - + 55°C), Humidity ≤ 90% RH (non-condensing)			
Power Supply	100 - 240V AC	100 - 240 V AC	12VDC/3.3A	100 - 240 V AC
Max Power	≤ 10W (without HDD)		≤ 12 W (without HDD)	≤ 15 W (without HDD)
Chassis	1U		1U	2U
Dimensions: in. (mm)	14.9 x 12.4 x 2.1" (380 x 315 x 53 mm)		15.0 x 12.4 x 2.1" (380 x 315 x 53 mm)	15.7 x 14.3 x 2.9" (400 x 363 x 74 mm)
Weight: lbs. (kg/g) without HDD	2.20 lbs (1 kg)	5.73 lbs (2.6 kg)	3.97 lbs (1.8 kg)	8.82 lbs (4 kg)
PRICE	\$296.00	\$340.00	\$325.00	\$619.00



RAID - (Redundant Array of Independent Disks) configure your hard drives in various ways to preserve data in the event there is HDD failure. Information can be copied across all drives, basically duplicating the contents of one drive to another drive making a backup of the original disk at all times.



ST-GNVR64



ST-GNVR128

NDAA Network Video Recorders (NVR)

Models	ST-GNVR64	ST-GNVR128
Description	64ch Video Input	128ch Video Input
PoE Interface	N/A	N/A
Decoding	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Hard Disk Drive Storage	8 SATA interface, Up to 10TB for each HDD	16 SATA interface, Up to 10TB for each HDD
RAID Array Type	RAID 0/1/5/6/10	RAID 0/1/5/6/10/50/60
Video Output	VGA: 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI1/HDMI2: (HDMI audio output is not supported) 4K (3840 x 2160)/30Hz, 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz	VGA: 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI1: 4K (3840 x 2160)/30Hz, 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz HDMI2: 4K (3840 x 2160)/30Hz, 1920 x 1080p/60Hz, 1920 x 1080p/50Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz
Audio Input/Output	1-Channel, RCA	1-Channel, RCA
External Interface	Network Interface: 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces Serial Interface: 1 x RS232, 1 x RS485 USB Interface: Front panel: 2 x USB2.0, Rear panel: 1 x USB3.0	Network Interface: 4 RJ-45 10M/100M/1000M adaptive Ethernet Interface Interface 2 1000M SFP Ethernet Interface Serial Interface: 1 x RS232, 1 x RS485 USB Interface: Rear panel: 4 x USB3.0
Alarm Input / Output	16 channel / 4 channel	NA
Smart Functions	VCA Detection by Camera: Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left Behind, Object Removed, Vehicle Control, Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), Ultra Motion Detection (UMD), Video Metadata, Traffic Monitoring People Counting: People flow counting & crowd density monitoring	
Network Protocols	P2P, UPnP, NTP, DHCP, PPPoE	
Working Temperature	14 - 131°F (-10 - 55°C), Humidity ≤ 90% RH (non-condensing)	
Power Supply	100 - 240 V AC	
Max Power	≤ 25 W (without HDD)	≤ 50 W (without HDD)
Chassis	2U	3U
Dimensions: in. (mm)	17.4 x 16.8 x 3.5" (442 x 426 x 89 mm)	18.8 x 19.0 x 5.1" (482 x 477 x 131 mm)
Weight: lbs. (kg/g) without HDD	8.82 lbs (4 kg)	22.05 lbs (10 kg)
PRICE	\$1,720.00	\$3,100.00



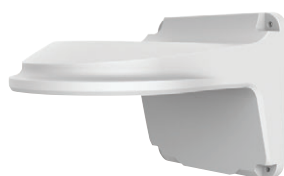
Hard Disk Drives (HDD) 1TB- 4TB

Models	WD10PURX	WD20PURX	WD30PURX	WD40PURX
Description/Capacity	WD Purple 1TB Surveillance HDD	WD Purple 2TB Surveillance HDD	WD Purple 3TB Surveillance HDD	WD Purple 4TB Surveillance HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM
Cache	64	64	64	64
Advanced Format (AF)	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	.99 lbs (.449 kg)	1.21 lbs (.548 kg)	1.42 lbs (.644 kg)	1.42 lbs (.644 kg)
Price	\$80.00	\$110.00	\$139.00	\$194.00



Hard Disk Drives (HDD) 6TB - 10TB

Models	WD60PURX	WD802PURZ	WD102PURX
Description/Capacity	WD Purple 6TB Surveillance HDD	WD Purple 8TB Surveillance HDD	WD Purple 10TB Surveillance HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s
RPM	5400 RPM	7200 RPM	7200 RPM
Cache	64	256	256
Advanced Format (AF)	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	1.59 lbs (.721 kg)	1.59 lbs (.721 kg)	1.62 lbs (.734 kg)
Price	\$320.00	\$339.00	\$460.00



NDAA Wall Mount Camera Mounts

Models	ST-GWM03-A	ST-GWM03-C	ST-GWM04-B
Description	Wall mount for NDAA cameras	Wall mount for NDAA cameras	Wall mount for NDAA cameras
Dimensions: in. (mm)	4.99 x 4.98 x 7.22" (126.7 x 126.4 x 183.4 mm)	5 x 5 x 7.4" (126 x 126 x 188 mm)	8.2 x 4.9 x 4.9" (208 x 125 x 125 mm)
Weight: lbs. (kg/g)	1.15 lbs (0.52 kg)	1.1 lbs 0.5 kg	1.1 lbs (0.5kg)
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy
IP Cameras (Compatible)	ST-GIP4FD-2.8 / ST-GIP8FD-2.8 ST-GIP4FTD-2.8 / ST-GIP8FTD-2.8	ST-GIP4VFTD-MZ / ST-GIP8VFTD-MZ ST-GIP4FTD-CNV-2.8 / ST-GIP8FTD-CNV-2.8	ST-GIP4VFD-MZ / ST-GIP8VFD-MZ
Price	\$21.00	\$21.00	\$21.00



NDAA PTZ Camera Mounts

Models	ST-GWMP TZ-A	ST-GWMP TZ-B
Description	Indoor or outdoor, short wall mount for installing PTZ dome camera	Indoor or outdoor, long wall mount for installing PTZ dome camera
Dimensions: in. (mm)	9.1 x 5.6 x 7.9" (230.3 x 141 x 201.5 mm)	8.5" x 5.6" x 12.4" (216 x 141 x 314mm)
Weight:	1.74lb (0.79kg)	2.2lb (1.0kg)
Material	Aluminum alloy	Aluminum alloy
IP Cameras (Compatible)	ST-GIP4PTZ-25X	ST-GIP4PTZ-25X
Price	\$39.00	\$42.50



NDAA Junction Box Camera Mounts

Models	ST-GJB03-B	ST-GJB03-E	ST-GJB03-G	ST-GJB04-D
Description	Junction box for NDAA (G-series) fixed dome	Junction box for NDAA (G-series) varifocal turret dome / fixed turret dome(CNV)	Junction box for NDAA (G-series) turret dome	Junction box for NDAA (G-series) varifocal dome
Dimensions: in. (mm)	Ø4.28 x 1.42" (Ø108.6 x 36 mm)	Ø4.96 x 1.42" (Ø126 x 36 mm)	Ø4.28 x 1.42" (Ø108.6 x 36mm)	Ø5.70 x 1.57" (Ø144.8 x 40 mm)
Weight:	0.44 lbs (0.2kg)	0.53 lbs (0.24kg)	0.44 lbs (0.2 kg)	0.66 lbs (0.3 kg)
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
IP Cameras (Compatible)	ST-GIP4FD / ST-GIP4FD-2.8 ST-GIP8FD-2.8	ST-GIP4VFTD-MZ / ST-GIP8VFTD-MZ / ST-GIP4FTD-CNV-2.8 / ST-GIP8FTD-CNV-2.8	ST-GIP4FTD-2.8 / ST-GIP8FTD-2.8	ST-GIP4VFD-MZ / ST-GIP8VFD-MZ
Price	\$16.00	\$19.00	\$16.00	\$19.00



NDAA Junction Box Camera Mounts

Models	ST-GJB04-G	ST-GJB05-A	ST-GJB07-C	ST-GJB12-F
Description	Junction Box for NDAA (G-Series) 12MP Fisheye dome	Junction box for NDAA (G-series) IP fixed bullet (IRs only) with circular base (Extra back outlet)	Outdoor or indoor cable junction box for NDAA (G-Series) IP Varifocal bullet & NDAA (G-Series) IP fixed bullet Chroma series (Extra back outlet)	Outdoor or indoor cable junction box for NDAA (G-series) IP PTZ
Dimensions: in. (mm)	Ø5.87 x 1.57" (Ø149.2 x 40 mm)	4.11 x 2.15" (104.4 x 54.5mm)	4.92 x 4.92 x 2.17" (125 x 25 x 55 mm)	11.7 x 9.6 x 5" (296 x 244 x 127 mm)
Weight:	0.68lbs (0.31 kg)	0.79 lbs (0.36 kg)	1.65 lbs (0.75 kg)	5.5 lbs (2.5kg)
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
IP Cameras (Compatible)	ST-GIP12FE	ST-GIP4FB-2.8 / ST-GIP8FB-2.8	ST-GIP4VFB-MZ / ST-GIP8VFB-MZ / ST-GIP4FB-CNV / ST-GIP8FB-CNV	ST-GIP4PTZ-25X (requires ST-GWMP TZ-A / ST-GWMP TZ-B wall mounts)
Price	\$25.00	\$26.00	\$39.00	\$91.00

IP CAMERAS

FREE IP CAMERA ADDRESSING AND PRE-CONFIGURATION

- ▶ Configuring a system on-site can be frustrating, and tie up an installer for additional hours or days.
- ▶ We remove the hassle and save you time and money.

Free For A Limited Time - Call Today!



IP Network Cameras - 4MP Fixed Lens

Models	ST-IP4FD-2.8, ST-IP4FD, ST-IP4FD-6, ST-IP4FD-8, ST-IP4FD-2.8-BLK, ST-IP4FD-BLK	ST-IP4FTD-2.8, ST-IP4FTD, ST-IP4FTD-2.8-BLK, ST-IP4FTD-BLK	ST-IP4FB-2.8, ST-IP4FB, ST-IP4FB-6, ST-IP4FB-8
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps
Video Compression	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG
Bit Rate	256 Kbps - 16 Mbps	256 Kbps - 16 Mbps	256 Kbps to 16 Mbps
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Lens Options	2.8mm/4mm/6mm/8mm	2.8mm/4mm	2.8mm/4mm/6mm/8mm
Angle Adjustment	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 98' (30m)	Up to 98' (30m)	Up to 98' (30m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Line-crossing/Intrusion/Motion/Face Detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card storage full/error	Line-crossing/Intrusion/Motion/Face Detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card storage full/error	Line-crossing/Intrusion/Motion/Face Detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card storage full/error
Audio Input/Output	N/A	N/A	N/A
Local Storage	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB
Protection Level	IP67, IK10	IP67	IP67
Working Temp.	22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)
Power Supply	12 VDC, PoE (802.3af) - Power supply not included	12 VDC, PoE (802.3af) - Power supply not included	12 VDC, PoE (802.3af) - Power supply not included
Power Consumption	7.5W Max	7.5W Max	7.5W Max
Dimensions: in. (mm)	4.25 x 4.25 x 3.5" (108 x 108 x 89 mm)	5 x 5 x 4" (127 x 127 x 101.6 mm)	6 x 3 x 3" (152.4 x 76.2 x 76.2 mm)
Weight: lbs. (kg/g)	1.13 lbs (512.55 g)	1.3 lbs (589 g)	.85 lbs (385.5 g)
Optional Brackets	ST-JB1 / ST-WM1 / ST-WM1B	ST-JB2 / ST-JB2B / ST-WM2 / ST-WM2B	ST-JBMB / ST-JB4
PRICE	\$148.00	\$148.00	\$148.00



IP CAMERAS

24/7 COLOR - EVEN IN THE DARK

- ▶ Capture details in low light or total darkness.
- ▶ Object placement/removal
- ▶ Intrusion/Face detection
- ▶ Built in Mic



IP Network Cameras - 4MP & 6MP Fixed Lens - 24/7 Color

Models	ST-IP4FTD-CNV, ST-IP4FTD-CNV-2.8, ST-IP4FTD-CNV-B, ST-IP4FTD-CNV-2.8B	ST-IP4FB-CNV	ST-IP6PVT-CNV-2.8
Megapixels	4MP	4MP	6MP
Max. Image Resolution	2688 × 1520 @30fps	2688 × 1520 @30fps	3632 × 1632 @20fps
Video Compression	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG
Bit Rate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	2 x 1/2.5" Progressive Scan CMOS
Lens Options	2.8/4mm	4mm	Dual 2.8mm
Angle Adjustment	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°	Pan: -30° - +30°, Tilt: -75° - +75°
Min. Illumination	0.0014 @ (F1.0, AGC ON), 0 Lux with Light	0.0014 @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Day & Night	Yes	Yes	Yes
IR Range	Up to 98' (30m)	Up to 98' (30m)	Up to 90' (27.4m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Scene Change/Unattended Baggage/Object Removal/Line-crossing/Intrusion/Motion/Face Detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Scene Change/Unattended Baggage/Object Removal/Line-crossing/Intrusion/Motion/Face Detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Scene Change/Line Crossing/Intrusion Detection, Region Entrance/Exit Detection, Support Alarm Triggered by Specified Target Types (human and vehicle)
Audio Input/Output	1 audio input (built-in mic)	N/A	1 audio input (built-in mic)
Local Storage	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 256 GB
Protection Level	IP66	IP67	IP67
Working Temp.	22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)
Power Supply	12 VDC, PoE (802.3af) - Power supply not included	12 VDC, PoE (802.3af) - Power supply not included	12 VDC ± 25%, PoE (802.3af) - Power supply not included
Power Consumption	7.5 W Max	11W Max	12.5W Max
Dimensions: in. (mm)	5.5 x 5.5 x 4.5" (140 x 140 x 114.5 mm)	11.5 x 4 x 4" (292 x 101.6 x 101.6 mm)	Ø 5.5 x 5.7" (Ø 140 x 145.6 mm)
Weight: lbs. (kg/g)	1.8 lbs (816.5 g)	2.73 lbs (1.24 kg)	2.0 lbs (0.91 kg)
Optional Brackets	ST-JB3 / ST-WM2 / ST-WM2B / ST-WM3 / ST-WM3B / ST-WM4 / ST-WM4B / ST-WM6 / ST-WM6B / ST-WM7 / ST-WM7B	ST-JB4 / ST-JB5	NA
PRICE	\$189.00	\$229.00	\$252.00

LITE
Series

IP CAMERAS

- ▶ Simple SMART Triggers
- ▶ Video tampering alarm
- ▶ Motion detection



IP Network Cameras - 4MP Fixed Lens - Lite Series

Models	ST-IP4FD-LS-2.8, ST-IP4FD-LS-4, ST-IP4FD-LS-6	ST-IP4FTD-LS-2.8, ST-IP4FTD-LS-4	ST-IP4FB-LS-2.8, ST-IP4FB-LS-4, ST-IP4FB-LS-6
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2560 x 1440	2560 x 1440	2560 x 1440
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
Bit Rate	32 Kbps to 8 Mbps	32 Kbps to 8 Mbps	32 Kbps to 8 Mbps
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
Lens Options	2.8mm@F2.0 / 4mm@F2.0 / 6mm@F2.0	2.8mm@F2.0 / 4mm@F2.0	2.8mm@F2.0 / 4mm@F2.0 / 6mm@F2.0
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
Day & Night	IR cut filter	IR cut filter	IR cut filter
IR Range	Up to 98'	Up to 98'	Up to 98'
WDR	Digital WDR (Wide Dynamic Range)	Digital WDR (Wide Dynamic Range)	Digital WDR (Wide Dynamic Range)
SMART Triggers	Motion detection, video tampering alarm, illegal login	Motion detection, video tampering alarm, illegal login	Motion detection, video tampering alarm, illegal login
Audio Input/Output	N/A	N/A	N/A
Local Storage	N/A	N/A	N/A
Protection Level	IP67, IK10TVS 2000V lightning protection, surge protection and voltage transient protection	IP67	IP67, IK10TVS 2000V lightning protection, surge protection and voltage transient protection
Working Temp.	-22 - 122 °F (-30 - 50 °C), humidity: 95% or less (non-condensing)	-22 - 122 °F (-30 °C - 50 °C), humidity: 95% or less (non-condensing)	-22 - 122 °F (-30 - 50 °C), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, Max: 7 W	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, Max: 6.5 W	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, Max: 7 W
Dimensions: in. (mm)	Camera: Ø 4.4 x 3.2" (Ø 111 x 82.4 mm)	Camera: 4.3 x 3.7" (110 x 93.2 mm)	Camera: 2.7 x 6.8" (70 x 172.7 mm)
Weight: lbs. (kg/g)	Camera approx. 0.9 lbs. (410 g)	Camera approx. 0.8 lbs. (360 g)	Camera approx. 0.62 lbs. (280 g)
Optional Brackets	Wall mount: ST-WM1 / ST-WM1B Junction box: ST-JB1	Wall mount: ST-WM5 Junction box: ST-JB4	Junction box: ST-JBMB
PRICE	\$108.00	\$108.00	\$108.00


IP Network Cameras - 8MP Fixed Lens

Models	ST-IP8FD-2.8, ST-IP8FD	ST-IP8FTD-2.8, ST-IP8FTD, ST-IP8FTD-2.8-BLK, ST-IP8FTD-BLK	ST-IP8FB-2.8, ST-IP8FB	ST-IP8FBL-2.8, ST-IP8FBL
Megapixels	4K/8MP	4K/8MP	4K/8MP	4K/8MP
Max. Image Resolution	3840 × 2160 @15 fps	3840 × 2160 @15 fps	3840 × 2160 @15 fps	3840 × 2160 @15 fps
Video Compression	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG	H.265/H.265+/H.264/H.264+/MJPEG
Bit Rate	32 Kbps to 16 Mbps	32 Kbps to 16 Mbps	32 Kbps to 16 Mbps	32 Kbps to 16 Mbps
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Lens Options	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm
Angle Adjustment	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°	Pan: 0° - 360°, Tilt: 0° - 100°, Rotation: 0° - 360°
Min. Illumination	0.01 lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 lux @ (F1.2, AGC ON), 0 Lux with IR	0.01Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 98' (30m)	Up to 98' (30m)	Up to 98' (30m)	Up to 164' (50m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Line-crossing/Intrusion/Motion/ Face detection, Dynamic Analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card storage full/error	Line-crossing/Intrusion/Motion/Face detection, Dynamic Analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card storage full/error	Line-crossing/Intrusion/Motion/Face detection, Dynamic Analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card storage full/error	Line-crossing/Intrusion/Motion/Face detection, Dynamic Analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card storage full/error
Audio Input/Output	N/A	N/A	N/A	N/A
Local Storage	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB
Protection Level	IP67, IK10	IP67	IP67	IP67
Working Temp.	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)
Power Supply	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included
Power Consumption	9W Max	7.5W Max	7.5W Max	9W Max
Dimensions: in. (mm)	4.2 x 4.2 x 3.5" (107 x 107 x 89 mm)	4.5 x 4.5 x 5" (114.3 x 114.3 x 127 mm)	6 x 3 x 3" (152 x 76 x 76 mm)	11.5 x 4 x 4" (292 x 101.6 x 101.6 mm)
Weight: lbs. (kg/g)	1 lbs (454 g)	1 lbs (454 g)	.862 lbs (391 g)	2.35 lbs (1.06 kg)
Optional Brackets	ST-JB1 / ST-WM1 / ST-WM1B	ST-JB2 / ST-JB2B ST-WM2 / ST-WM2B	ST-JBMB / ST-JB4	ST-JB4 / ST-JB5
PRICE	\$169.00	\$179.00	\$169.00	\$179.00



IP Network Cameras - 4MP & 8 MP Varifocal Lens - Motorized Zoom

Models	ST-IP4VFD-MZ, ST-IP4VFD-MZ-BLK	ST-IP4VFTD-MZ	ST-IP4VFB-MZ	ST-IP8VFD-MZ	ST-IP8VFTD-MZ	ST-IP8VFB-MZ
Megapixels	4MP	4MP	4MP	4K/8MP	4K/8MP	4K/8MP
Max. Image Resolution	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	2688 × 1520 @ 30fps	3840 × 2160 @ 15fps	3840 × 2160 @ 15fps	3840 × 2160 @ 15fps
Video Compression	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG
Bit Rate	256 Kbps - 16 Mbps	256 Kbps - 16 Mbps	256 Kbps - 16 Mbps	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Lens	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized
Angle Adjustment	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 355°, Tilt: 0° - 90°, Rotation: 0° - 355°
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 98' (30m)	Up to 98' (30m)	Up to 164' (50m)	Up to 98' (30m)	Up to 98' (30m)	Up to 164' (50m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Line-crossing/Intrusion/ Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Line-crossing/Intrusion/ Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Line-crossing/Intrusion/ Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Line-crossing/Intrusion/ Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Line-crossing/Intrusion/ Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Line-crossing/Intrusion/ Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error
Audio Input/Output	1 input/1 output, mono sound	1 input/1 output, mono sound	1 input/1 output, mono sound	1 input/1 output, mono sound	1 input/1 output, mono sound	1 input/1 output, mono sound
Local Storage	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67
Working Temp.	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)
Power Supply	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included
Power Consumption	12W Max	12W Max	18W Max	12W Max	12.5W Max	18W Max
Dimensions: in. (mm)	6 x 6 x 6.5" (152.5 x 152.5 x 165 mm)	5.5 x 5.5 x 6" (140 x 140 x 152.5 mm)	13 x 6 x 6" (330 x 152.5 x 152.5 mm)	6 x 6 x 5.5" (152.5 x 152.5 x 140 mm)	5.5 x 5.5 x 6" (140 x 140 x 152.5 mm)	13 x 6 x 6" (330 x 152.5 x 152.5 mm)
Weight: lbs. (kg/g)	2.87 lbs (1.3 kg)	2.58 lbs (1.17 kg)	3.76 lbs (1.7 kg)	2.93 lbs (1.33 kg)	2.61 lbs (1.18 kg)	3.78 lbs (1.71 kg)
Optional Brackets	ST-JB3 / ST-WM2 ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B	ST-JB2 / ST-JB2B ST-WM2 / ST-WM2B ST-WM7 / ST-WM7B	ST-JB3 / ST-WM2 ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B	ST-JB3 / ST-WM2 ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B	ST-JB3 / ST-WM2 ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B	ST-JB3 / ST-WM2 ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B
Price	\$339.00	\$299.00	\$359.00	\$409.00	\$409.00	\$409.00

LITE
Series



IP Network Cameras - 4MP Varifocal Lens - Motorized Zoom - Lite Series

Models	ST-IP4VFD-MZ-LS	ST-IP4VFTD-MZ-LS	ST-IP4VFB-MZ-LS
Megapixels	4MP	4MP	4MP
Max. Image Resolution	2688 × 1520 @ 30fps	2688 × 1520 @30fps	2688 × 1520 @30fps
Video Compression	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG
Bit Rate	256 Kbps - 16 Mbps	256 Kbps - 16 Mbps	256 Kbps - 16 Mbps
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Lens	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized
Angle Adjustment	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 98' (30m)	Up to 98' (30m)	Up to 164' (50m)
WDR	120dB True WDR	120dB True WDR	120dB True WDR
SMART Triggers	Line-crossing/Intrusion/Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Line-crossing/Intrusion/Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error	Line-crossing/Intrusion/Motion/Face detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, Illegal login, SD card Storage full/error
Audio Input/Output	1 input/1 output, mono sound	1 input/1 output, mono sound	1 input/1 output, mono sound
Local Storage	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB	Built-in Micro SD card slot, up to 128 GB
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10
Working Temp.	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)	-22 - 140°F (-30 - 60°C)
Power Supply	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af) Power supply not included	12 VDC, PoE (802.3af)Power supply not included
Power Consumption	12W Max	12W Max	18W Max
Dimensions: in. (mm)	6 x 6 x 6.5" (152.5 x 152.5 x 165 mm)	5.5 x 5.5 x 6" (140 x 140 x 152.5 mm)	13 x 6 x 6" (330 x 152.5 x 152.5 mm)
Weight: lbs. (kg/g)	2.87 lbs (1.3 kg)	2.58 lbs (1.17 kg)	3.76 lbs (1.7 kg)
Optional Brackets	ST-JB3 / ST-WM2 ST-WM2B /ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B	ST-JB2 / ST-JB2B ST-WM2 / ST-WM2B ST-WM7 / ST-WM7B	ST-JB3 / ST-WM2 ST-WM2B /ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B
Price	\$189.00	\$189.00	\$189.00



FIND OUT HOW TO GET A

FREE TEST METER

securitytronix.com/free-meter



License Plate

Recognition Camera (LPR)

LPR cameras are able to see and record license plate numbers and letters on still or moving vehicles even in low light conditions. They can also facilitate access control via white and black lists allowing or preventing vehicle entry. LPR cameras are ideal for parking garages, entrances and exits to hotels & casinos as well as gated communities, to name a few.

Features

- 1/2.8" progressive scan CMOS
- 2.8 - 12 mm motorized varifocal lens
- 1920 × 1080@30fps
- Up to 164' IR range
- Color: 0.002 Lux @ (F1.2, AGC ON), 0.0027 Lux @ (F1.4, AGC ON), 0 Lux with IR
- BLC/3D DNR/Defog/EIS
- 120dB Wide Dynamic Range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- IP67
- 12 VDC / PoE (Power over Ethernet)
- Power supply not included

Included: Junction box with weather conduit access

License Plate

Recognition Camera (LPR)

Model No. ST-IP2VFB-LPR..... \$799.00



Mini PTZ



IP Network Cameras - 4MP PTZ (Pan, Tilt, Zoom) / 6MP Fisheye

Models	ST-IP4PTZ-4X	ST-IP6FE
Megapixels	4MP	6MP
Max. Image Resolution	2560 × 1440 @ 25fps	3072 x 2048 @ 30fps
Video Compression	H.265/H.265+/H.264/ H.264+/MJPEG	H.265/H.265+/H.264/ H.264+/MJPEG
Bit Rate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Image sensor	1/3" Progressive	1/1.8" Progressive Scan CMOS
Lens - Optical/Digital Zoom	2.8 - 12mm Varifocal, 4X Optical, 16X Digital	1.27mm
PTZ functions	0° to 330° pan range, 300 programmable presets	ePTZ (Digital Pan-Tilt-Zoom)
Min. Illumination	0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR	0.05 Lux @ F1.2 (AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 65' (20m)	Up to 49' (15m)
WDR	120dB True WDR	Digital WDR
Alarm Input/Output	N/A	N/A
SMART Triggers	Intrusion/Line crossing/Region Entrance/Region Exit/Unattended Baggage/Object Removal/Motion/Face detection, Audio exception detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, SD card Storage full/error	Intrusion/Line crossing/Region Entrance/Region Exit/Unattended Baggage/Object Removal/Motion detection, Audio exception detection, Dynamic analysis, Video Tampering alarm, Network disconnect, IP address conflict, SD card Storage full/error
Audio Input/Output	N/A	1 input/1 output, mono sound 2 built-in microphone, 1 built-in speaker
Local Storage	Built-in Micro SD card slot, up to 256 GB	Built-in Micro SD card slot, up to 256 GB
Protection Level	IP66, IK10	IP67, IK10
Working Temp.	-4 - 140°F (-20 - 60°C)	-22 - 140°F (-30 - 60°C)
Power Supply	12 VDC (Power supply included), PoE (802.3af)	12 VDC, PoE (802.3af) Power supply not included
Power Consumption	12W Max	12W Max
Dimensions: in. (mm)	5 x 5 x 4" (127 x 127 x 101.6 mm)	6.5 x 6.5 x 2.5" (165 x 165 x 63.5 mm)
Weight: lbs. (kg/g)	1.35 lbs (612 g)	1.6 lbs (725 g)
Optional Brackets	ST-IP4PTZ-4X-WMB	ST-IP6FE-ICM
Optional Controller	ST-USB-KB	N/A
Price	\$289.00	\$699.00

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.

Are You Securing Your Customers' Valuable Video Files?

ULTIMATEPRO NVR SERIES

64 Channel Enterprise Grade NVR with RAID

Ideal for any environment where data retention is critical & hard drive failure resulting in catastrophe is simply unacceptable. Not only can this standalone recorder support up to 64 cameras but it also has built in RAID (Redundant Array of Independent Disks). With RAID you can configure your hard drives in various ways to preserve data in the event there is HDD failure. Information can be copied across all drives, basically duplicating the contents of one drive to another drive making a backup of the original disk at all times. This is just the tip of the iceberg in terms of what can be done to protect your valuable information using RAID, there are more advanced configurations such as load balancing, read write speeds and more that our 24/7/365 days a year support team would be happy to help you configure to meet your specific job site needs. This NVR also supports multiple VCA (Video Content Analytics), Smart search and playback, Dual-OS to ensure that the system boots up and operates stably, ANR (Automatic Network Replenishment) to automatically store video data on IP Cameras storage card if the network gets disconnected, upon recovery of the network, the NVR automatically retrieves the video data stored on the camera. This model holds up to eight 10TB per HDD bay, 1 x eSATA interface and hot swappable hard drives that make it easy to remove and replace a HDD without shutting down the system. NVR supports third-party network cameras. 19-inch rack-mountable 2U chassis.

RAID - (Redundant Array of Independent Disks) configure your hard drives in various ways to preserve data in the event there is HDD failure. Information can be copied across all drives, basically duplicating the contents of one drive to another drive making a backup of the original disk at all times.



- 64CH NVR with RAID
- Supports IP video and recording up to 12MP
- Two-way audio
- 320 Mbps recording bandwidth
- 8 SATA HDD, 10TB
- 1 External eSATA
- 16 Alarm in 4 out

Model No. ST-NVR64\$1,855.00

128 Channel Enterprise Grade NVR with RAID

Ideal for environments where data retention is critical & hard drive failure resulting in catastrophe is simply unacceptable. Not only can this standalone recorder support up to 128 cameras but it also has built in RAID (Redundant Array of Independent Disks). So let's talk about RAID. To truly understand the concept we need to first look at how typical surveillance systems store their video. In most instances, recorders will fill up their connected hard drives with information until it is full. At that point it will either stop recording and alert the operator, or overwrite the oldest files. This works in a lot of applications, but in the event the hard drive suffers a failure, that information is GONE! With RAID you can configure your hard drives in various ways to preserve data in the event there is HDD failure. Information can be copied across all drives, basically duplicating the contents of one drive to another drive making a backup of the original disk at all times. This is just the tip of the iceberg in terms of what can be done to protect your valuable information using RAID, there are more advanced configurations such as load balancing, read write speeds and more that our 24/7, 365 days a year support team would be happy to help you configure to meet your specific job site needs. This model holds up to 16 SATA hard drives up to 10TB per HDD bay, 1 x eSATA interface, and hot swappable hard drives that make it easy to remove and replace a HDD without shutting down the system. Supports Third-party network cameras, has redundant power supply to improve the system stability, hot swappable hard drives making it easy to remove and replace a HDD without shutting down the system.



- 128CH NVR with RAID
- Supports IP video and recording up to 12MP
- Supports H.265, H.265+, H.264, H.264+, MPEG4, MJPEG compression
- Up to 16 SATA HDD, 10TB per HDD bay, 1 x eSATA interface
- 16 Alarm in 8 output

Model No. ST-NVR-128\$3,359.00

ST-EZ4



ST-EZ8



ST-EZ16



ST-EZ32



ST-NVR64



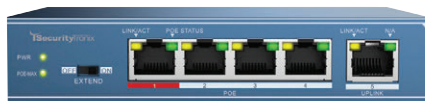
ST-NVR-128



Network Video Recorders (NVR)

Models	ST-EZ4	ST-EZ8 / ST-EZ16	ST-EZ32	ST-NVR64	ST-NVR-128
Description	4ch Video Input	8ch /16ch Video Input	32ch Video Input	64ch Video Input	128ch Video Input
PoE Interface	4 Port 10/100 PoE < 40 W, IEEE 802.3 af/at	8 Port 10/100 PoE < 120W/ 16 Port 10/100 PoE < 200W IEEE 802.3 af/at	16 Port 10/100 PoE <200W IEEE 802.3 af/at	N/A	N/A
Decoding	H.265/H.264/H.264+	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Recording Resolution	Max 8MP	Max 8MP	Max 12MP	Max 12MP	Max 12MP
Hard Disk Drive Storage	1 SATA interface up to 10TB	2 SATA interfaces up to 10TB, Max 20TB	4 SATA interfaces up to 10TB, Max 40TB, 1 External eSATA	8 SATA interfaces up to 10TB, Max 80TB (Hot Swappable), 1 External eSATA	16 SATA interfaces up to 10TB, Max 160TB (Hot Swappable), 1 External eSATA
RAID Array Type	N/A	N/A	N/A	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10
Video Output	HDMI/VGA (HDMI Video output at up to 4K (3840 × 2160) resolution)	HDMI/VGA (HDMI Video output at up to 4K (3840 × 2160) resolution)	HDMI/VGA (HDMI Video output at up to 4K (3840 × 2160) resolution)	2 HDMI/2 VGA (HDMI Video output at up to 4K (3840 × 2160) resolution)	2 Independent HDMI/1 VGA (HDMI Video output at up to 4K (3840 × 2160) resolution)
Audio Input/Output	Two-way audio - 1ch, RCA	Two-way audio - 1ch, RCA	Two-way audio - 1ch, RCA	2 ch, RCA Two way audio	1 ch, RCA Two way audio
External Interface	1 - 10/100 RJ-45, 2 USB 2.0	1 - 10/100/1000 RJ-45, 2 USB 2.0	1 - 10/100/1000 RJ-45, 2 USB 2.0, 1 USB 3.0, RS-485, RS-232	2 - 10/100/1000 RJ-45, RS-485, RS-232	4 - 10/100/1000 RJ-45, 2 USB 2.0, 2 USB 3.0, RS-485
Alarm Input / Output	N/A	N/A	16 in, 4 out	16 in, 4 out	16 in, 8 out
Smart Functions	Video Content Analytics (VCA), Smart search, Instant playback, HDD Quotas	Video Content Analytics (VCA), Smart search, Instant playback, HDD Quotas	Video Content Analytics (VCA), Smart search, Instant playback, HDD Quotas, POS triggers, POS overlay	Video Content Analytics (VCA), Smart search, POS overlay, POS triggers	Video Content Analytics (VCA) - people counting, face detection, behavior analysis, and more provides configurable intelligent recording options
Network Protocols	TCP/IP, UDP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	TCP/IP, UDP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	TCP/IP, UDP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, UDP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS, ONVIF	TCP/IP, UDP, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP, HTTPS, ONVIF
Working Temperature	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	32 - 122°F (0 - +55°C)
Power Supply	48 VDC Power supply included	48 VDC (ST-EZ8) 100 to 240 VAC (ST-EZ16) Power supply included	100 to 240 VAC Power supply included	100 to 240 VAC Power supply included	100 to 240 VAC Power supply included
Max Power	< 65W	< 180W/ < 280W	< 300W	< 300W	< 550W
Chassis	1U	1U	1.5U	2U	3U
Dimensions: in. (mm)	9.4 x 12.4 x 1.9" (240 x 315 x 48 mm)	12.4 x 15.2 x 2" (315 x 386 x 51 mm)	15.3 x 17.5 x 2.8" (388 x 444 x 71 mm)	18.5 x 17.5 x 3.5" (470 x 445 x 90 mm)	17.4 x 19.4 x 5.7" (442 x 494 x 146 mm)
Weight: lbs. (kg/g) without HDD	2.2 lbs (1 kg)	6.6 lbs (3 kg)	11 lbs (4.9 kg)	22 lbs (10 kg)	35.3 lbs (16 kg)
PRICE	\$169.00	\$269.00/\$399.00	\$745.00	\$1,855.00	\$3,359.00

ST-POE4



ST-POE16



ST-POE8



ST-POE24



Unmanaged PoE Switches

Models	ST-POE4	ST-POE8	ST-POE16	ST-POE24
Network Port	5	9	18	26
PoE Port	4- RJ45 (10/100Mbps)	8- RJ45 (10/100Mbps)	16- RJ45 (10/100Mbps)	24- RJ45 (10/100Mbps)
Uplink Port	1 - 100Mbps Ethernet Port	1 - 100Mbps Ethernet Port	2 - Gigabit Combo RJ45/SFP Ports	2 - Gigabit Combo RJ45/SFP Ports
Transmission Distance	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet	Extend Transmission On: 820 feet Extend Transmission Off: 328 feet
PoE Standard	IEEE 802.3 af/at	IEEE 802.3 af/at	IEEE 802.3 af/at	IEEE 802.3 af/at
PoE Max Power Budget	58W	123W	230W	370W
Form Factor	Desktop	Desktop	Desktop or Rack mountable	Desktop or Rack mountable
Operating Temperature	32 - 104°F (0 - 40°C)	32 - 104°F (0 - 40°C)	32 - 104°F (0 - 40°C)	32 - 104°F (0 - 40°C)
Power Supply	51 VDC, 1.25A, Power supply included	51 VDC, 2.5A, Power supply included	100 to 240 VAC, Power supply included	100 to 240 VAC Power supply included
Power Consumption	<63W	<127W	<250W	<440W
Dimensions: in. (mm)	5.2 x 3.67 x 1.1" (132 x 93.3 x 27.6 mm)	4.25 x 9.26 x 1.1" (107.9 x 235.22 x 27.9 mm)	11.3 x 17.5 x 1.75" (287.02 x 444.5 x 44.4 mm)	11.22 x 17.32 x 1.7" (284.98 x 439.92 x 43.18 mm)
Weight: lbs. (kg/g)	.66 lbs (299 g)	1.24 lbs (562 g)	8.13 lbs (3.68 kg)	9.46 lbs (4.29 kg)
Price	\$89.00	\$172.00	\$339.00	\$405.00



PoE Data and Power Injector

Power Over Ethernet Power Supply With
Power Injector, 48vc, 500ma

Model No. ST-POE-48V-500MA .. \$24.00

SecurityTronix ThermScan™ Non-Contact Thermometer

- Temperature screening range:
32 – 122° F (0-50°C)
- Accuracy: ±0.4° F (±0.2° C)
- Dimensions:
6.69 x 4.52 x 5.51" (170 x 115 x 140mm)
- Weight: 0.77lbs (350g)

The SecurityTronix ThermScan™ wall mounted non-contact forehead Thermometer accurately and instantly scans the forehead and alerts by alarm if an elevated skin temperature is detected. The intent is not to diagnose, but to raise awareness so people can get a proper assessment before fully entering the business. Can be mounted with either screws (included), double sided tape, or on tripod (tripod sold separate). USB - DC 5V Power supply included.

Model No. ST-THERMSCAN-1 \$229.00



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HDoC 4in1CAMERAS

High definition cameras with 4 in 1 TVI/AHD/CVI/CVBS connectivity easily integrates into any existing coaxial cable infrastructure or NEW commercial or residential installs.

These cameras use the same coaxial cable, connectors, and power plugs as a traditional analog camera system making it as easy to install as traditional analog but delivers resolution like IP without video latency or other complexities found when dealing with IP based systems.



HDoC 4 in 1 Cameras - 5MP Fixed Lens

Models	ST-HDC5FD-2.8, ST-HDC5FD	ST-HDC5FTD-2.8, ST-HDC5FTD	ST-HDC5FB-2.8, ST-HDC5FB
Image Sensor	5 MP CMOS	5 MP CMOS	5 MP CMOS
Max. Image Resolution	2560 × 1944 @30fps	2560 × 1944 @30fps	2560 × 1944 @30fps
HD Video Output	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS
Lens Options	2.8mm/3.6mm	2.8mm/3.6mm	2.8mm/3.6mm
Angle Adjustment	Pan: 0° - 355°, Tilt: 0° - 75°, Rotation: 0 - 355°	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0 - 360°	Pan: 0° - 360°, Tilt: 0° - 180°, Rotation: 0 - 360°
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Smart IR Up to 65' (20m)	Smart IR Up to 65' (20m)	Smart IR Up to 65' (20m)
WDR	Digital WDR	Digital WDR	Digital WDR
Communication	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)	Control over Coax (COC) / Up the Coax (UTC)
Protection Level	IP67, IK10	IP67	IP67
Working Temperature	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)
Power Supply	12 VDC - Power supply not included	12 VDC - Power supply not included	12 VDC - Power supply not included
Power Consumption	4.3W Max	4.3W Max	4.3W Max
Dimensions: in. (mm)	4.5 x 4.5 x 3.5" (114 x 114 x 88 mm)	3.1 x 3.1 x 3.0" (79 x 79 x 76 mm)	6.5 x 3 x 3" (165 x 76 x 76 mm)
Weight: lbs. (kg/g)	1 lbs (453.5 g)	.25 lbs (113.3 g)	.635 lbs (288 g)
Optional Brackets	ST-JB1 / ST-WM1 / ST-WM1B	ST-JBMB / ST-JB4 / ST-WM5	ST-JBMB / ST-JB4
PRICE	\$69.00	\$59.00	\$59.00



HDoC 4 in 1 CAMERAS

24/7 COLOR - EVEN IN THE DARK

- ▶ Capture details in low light or total darkness
- ▶ Control over Coax (CoC)
- ▶ 4 in 1 video output (switchable TVI/AHD/CVI/CVBS).
- ▶ IP67 weatherproof rated



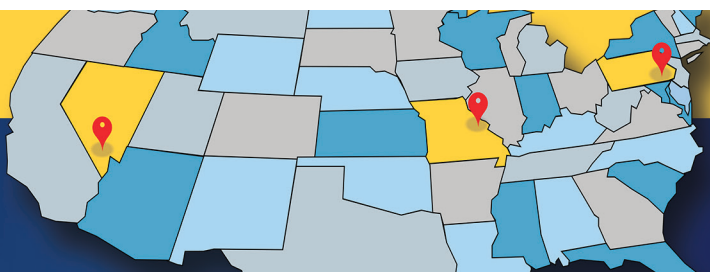
HDoC 4 in 1 Cameras - 5MP Fixed Lens - 24/7 Color

Models	ST-HDC5FTD-CNV-2.8, ST-HDC5FTD-CNV	ST-HDC5FB-CNV-2.8, ST-HDC5FB-CNV
Image Sensor	5 MP	5 MP
Max. Image Resolution	2560 × 1944 @20fps	2560 × 1944 @20fps
HD Video Output	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS	1 HD BNC 4 in 1 TVI/AHD/CVI/CVBS
Lens Options	2.8mm/3.6mm	2.8mm/3.6mm
Angle Adjustment	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0 - 360°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0 - 360°
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Day & Night	Yes - Color	Yes - Color
IR Range	Light Range: Up to 65' (20m)	Light Range: Up to 131' (40m)
WDR	≥130 dB	≥130 dB
Communication	Control over Coax (COC)/Up the Coax (UTC)	Control over Coax (COC)/Up the Coax (UTC)
Protection Level	IP67	IP67
Working Temperature	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)
Power Supply	12 VDC - Power supply not included	12 VDC - Power supply not included
Power Consumption	4.2W Max	4.9W Max
Dimensions: in. (mm)	5 x 5 x 4" (127 x 127 x 101.6 mm)	8.5 x 3.5 x 3" (216 x 89 x 76 mm)
Weight: lbs. (kg/g)	1 lbs (453.5 g)	1.20 lbs (544 g)
Optional Brackets	ST-JB2 / ST-JB2B ST-WM2 / ST-WM2B	ST-JBMB / ST-JB4
PRICE	\$109.00	\$109.00

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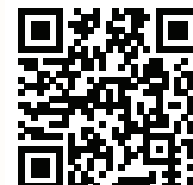
HD0C 4 in 1 Cameras - 5MP & 8MP Varifocal Lens - Motorized Zoom

Models	ST-HDC5VFD-MZ	ST-HDC5VFTD-MZ	ST-HDC5VFB-MZ	ST-HDC8VFB-MZ
Image Sensor	5 MP Progressive Scan CMOS	5MP Progressive Scan CMOS	5MP Progressive Scan CMOS	8MP Progressive Scan CMOS
Video Frame Rate	2592 × 1944 @ 20fps	2592 × 1944 @ 20fps	2592 × 1944 @ 20fps	3840 x 2160 @ 15fps
HD Video Output	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD analog output; Switchable TVI/AHD/CVI/CVBS
Lens	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.8 - 12mm Motorized	2.7-13.5mm Motorized
Angle Adjustment	Pan: 0° - 340°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan: 0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°
Min. Illumination	0.01 Lux @ F1.2 (AGC ON), 0 Lux with IR	0.01 Lux @ F1.2 (AGC ON), 0 Lux with IR	0.01 Lux @ F1.2 (AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2,AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 131' (40m)	Up to 131' (40m)	Smart IR Up to 131' (40m)	Smart IR Up to 240' (73.2m)
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Communication	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)
Protection Level	IP67	IP67	IP67	IP67
Working Temperature	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)
Power Supply	Dual Voltage: 12 VDC/24 VAC - Power supply not included	12 VDC Power supply not included	Dual Voltage: 12 VDC/24 VAC - Power supply not included	Dual Voltage: 12 VDC/24 VAC - Power supply not included
Power Consumption	6.5W Max	6W Max	9W Max	8.6W Max
Dimensions: in. (mm)	5.5 x 5.5 x 5" (139.5 x 139.5 x 127 mm)	5.25 x 5 x 4" (133 x 127 x 101.5 mm)	10 x 3.25 x 3" (254 x 82.5 x 76 mm)	3.33 x 3.62 x 10" (84.5 x 92 x 255 mm)
Weight: lbs. (kg/g)	2 lbs (907 g)	1.2 lbs (544 g)	1.5 lbs (680 g)	1.53 lbs (695 g)
Optional Brackets	ST-JB3 / ST-WM2 / ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 / ST-WM4B ST-WM6 / ST-WM6B / ST-WM7 ST-WM7B	ST-JB2 / ST-JB2B ST-WM2 / ST-WM2B ST-WM7 / ST-WM7B	ST-JBMB / ST-JB4 ST-WM5 / ST-WM7 ST-WM7B	ST-JB4
PRICE	\$139.00	\$139.00	\$139.00	\$139.00

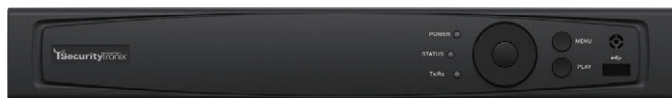


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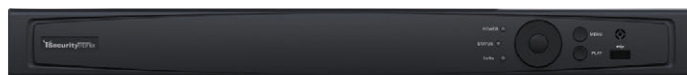
SecurityTronix® site survey provides a concise way to deliver critical information regarding CCTV installation projects. Once delivered, the form will be reviewed by the SecurityTronix Sales Engineers, who will design a comprehensive bill of materials from cameras to connectors.



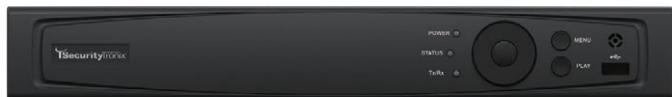
securitytronix.com/sitesurvey



ST-HDC4



ST-HDC16



ST-HDC8



ST-HDC32

Digital Video Recorder (DVR) - Supports HDoC Cameras

Models	ST-HDC4	ST-HDC8	ST-HDC16	ST-HDC32
Description	4 BNC inputs supports: TVI, CVI, AHD, CVBS + 1 IP (5MP Max) - Up to 5 Channels total	8 BNC inputs supports: TVI, CVI, AHD, CVBS + 2 IP (6MP Max) - Up to 10 Channels total	16 BNC inputs supports: TVI, CVI, AHD, CVBS + 8 IP (4K/8MP Max) - Up to 24 Channels total	32 BNC inputs supports: TVI, CVI, AHD, CVBS + 16 IP (4K/8MP Max) - Up to 48 Channels total
Decoding	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Recording Resolution	Max 3MP (TVI), 2MP (CVI/AHD), 4MP (IP)	Max 3MP (TVI), 2MP (CVI/AHD), 4MP (IP)	Max 3MP (TVI), 2MP (CVI/AHD), 4MP (IP)	Max 5MP (TVI/AHD), 2MP (CVI), 8MP (IP)
Hard Disk Drive Storage	1 SATA interface up to 10TB	2 SATA interfaces up to 10TB, Max 20TB	2 SATA interfaces up to 10TB, Max 20TB	4 SATA interface up to 10TB, Max 40TB,
RAID Array Type	N/A	N/A	N/A	1 External eSATA RAID0, RAID1, RAID5, RAID6, RAID10
Video Output	HDMI/VGA (HDMI Video output at up to 1080P), CVBS (Camera View output only)	CVBS/HDMI/VGA	CVBS/HDMI/VGA (HDMI Video output at up to 4K) (3840 x 2160 resolution)	CVBS/HDMI/VGA (HDMI Video output at up to 4K) (3840 x 2160 resolution)
Audio Input/Output	1 ch, RCA	1 ch, RCA	1 ch, RCA	4 ch, RCA
External Interface	Two way audio, 1 - 10/100 RJ-45, 2 USB 2.0, 1 RS-485	Two way audio, 1 - 10/100 RJ-45, 2 USB 2.0, 1 RS-485	Two way audio, 1 - 10/100/1000 RJ-45, 1 USB 2.0, 1 USB 3.0, 1 RS-485	Two way audio, 2 - 10/100/1000 RJ-45, 2 USB 2.0, 1 USB 3.0, 1 RS-485, 1 RS-232
Alarm Input/Output	N/A	N/A	N/A	16 in, 4 out
Smart Functions	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Line crossing/intrusion detection, Video Quality Diagnostics (VQD)
Network Protocols	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	TCP/IP, UDP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Working Temperature	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)	14 - 131°F (-10 - +55°C)
Power Supply	12 VDC Power supply included	12 VDC Power supply included	12 VDC Power supply included	100 to 240 VAC Power supply included
Power Consumption (without HDD)	< 6W	< 7.5W	< 25W	< 74W
Chassis	1U	1U	1U	1.5U
Dimensions	9.5 x 12.4 x 1.8" (242 x 315 x 45 mm)	9.5 x 12.4 x 1.8" (242 x 315 x 45 mm)	12.6 x 15 x 1.9" (320 x 380 x 48 mm)	15.4 x 17.3 x 2.8" (391 x 440 x 70 mm)
Weight (without HDD)	2.6 lbs (1.17 kg)	3.9 lbs (1.78 kg)	4.4 lbs (1.99 kg)	15.4 lbs (6.99 kg)
Price	\$96.00	\$136.00	\$260.70	\$1,100.00

While we attempt to hold pricing we can not control if our vendors increase pricing.

Images shown may be different from actual product.



ST-HDC4-8MP



ST-HDC8-8MP



ST-HDC16-8MP

8MP Digital Video Recorder (DVR) - Supports HDoC Cameras

Models	ST-HDC4-8MP	ST-HDC8-8MP	ST-HDC16-8MP
Description	4 Video input, Supports: TVI, CVI, AHD, IP (2ch up to 8MP) and CVBS	8 Video input, Supports: TVI, CVI, AHD, IP (4ch up to 8MP) and CVBS	16 Video input, Supports: TVI, CVI, AHD, IP (8ch up to 8MP) and CVBS
Decoding	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Recording Resolution	8 MP/5MP/3K/4MP/3MP/1080p/720p/WD1/4CIF/VGA/CIF	"8MP/5MP/3K/4MP/1080p/720p/WD1/4CIF/VGA/CIF	"8MP/5MP/3K/4MP/1080p/720p/WD1/4CIF/VGA/CIF
Hard Disk Drive Storage	1 SATA interface, Up to 10TB HDD	2 SATA interface, Up to 10TB for each HDD	2 SATA interface, Up to 10TB for each HDD
RAID Array Type	N/A	N/A	N/A
Video Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz"
Audio Input/Output	Input: 1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable Output: 1-ch, RCA (Linear, 1 KΩ) Twoway Audio: 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)	Input: 1-ch via RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable Output: 1-ch, RCA (Linear, 1 KΩ) Twoway: 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)"	Input: 1-ch via RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Output: 1-ch, RCA (Linear, 1 KΩ) Twoway: 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)"
External Interface	Network Interface: 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface Serial Interface: RS-485 (half-duplex) USB Interface: Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 3.0 WIFI: Connectable to Wi-Fi network by Wi-Fi dongle through USB interface"	Network Interface: 1, RJ45 10/100 Mbps self-adaptive Ethernet interface /Connectable to Wi-Fi network by Wi-Fi dongle through USB interface Serial Interface: RS-485 (half-duplex) USB Interface: Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 2.0 WIFI: Connectable to Wi-Fi network by Wi-Fi dongle through USB interface	Network Interface: 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface /Connectable to Wi-Fi network by Wi-Fi dongle through USB interface Serial Interface: RS-485 (half-duplex) USB Interface: Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 3.0 WIFI: Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Alarm Input/Output	N/A	N/A	N/A
Smart Functions	Motion detection, Line crossing, Intrusion detection, and VCA events: Face Detection, Line Crossing, Area Intrusion - Up to 2 Channels Max.	Motion detection, Line crossing, Intrusion detection, and VCA events: Face Detection, Line Crossing, Area Intrusion - Up to 2 Channels Max.	Motion detection, Line crossing, Intrusion detection, and VCA events: Face Detection, Line Crossing, Area Intrusion - Up to 2 Channels Max.
Network Protocols	TCP/IP, PPPoE, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	TCP/IP, PPPoE, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Working Temperature	+14 - +131 °F (-10 - +55 °C)	+14 - +131 °F (-10 - +55 °C)	+14 - +131 °F (-10 - +55 °C)
Power Supply	12 VDC, 1.5A	12 VDC, 2.8 A	12 VDC, 5A
Power Consumption (without HDD)	≤ 10W	≤ 15 W	≤ 19 W
Chassis	1U	1U	1U
Dimensions	12.4 × 9.5 × 1.8" (315 × 242 × 45 mm)	15.0 × 12.6 × 1.9" (380 × 320 × 48 mm)	15.0 × 12.6 × 1.9" (380 × 320 × 48 mm)
Weight (without HDD)	2.6 lbs (≤ 1.16 kg)	3.9 lbs (≤ 1.78 kg)	4.6 lbs (≤ 2.1 kg)
Price	\$159.00	\$289.00	\$589.00

TVI PoC CAMERAS

Delivering HD video signal, control and power to your video surveillance systems using one single coaxial cable and traditional BNC connectors with our SecurityTronix PoC (Power over Coax) line of cameras and supporting recorders. Technology that is eliminating the need for additional power cable and reducing what you pay for cable while maintaining the integrity of providing high definition quality images and further transmission distances. The solution that has many installers boasting their installations are fast, easy, and saving them and their customers money.



TVI PoC Cameras - 2MP and 5MP Fixed Lens					
Models	ST-TVI2FD-P-2.8, ST-TVI2FD-P	ST-TVI2FTD-P-2.8, ST-TVI2FTD-P	ST-TVI5FD-P-2.8, ST-TVI5FD-P	ST-TVI5FTD-P-2.8, ST-TVI5FTD-P	ST-TVI5FB-P-2.8, ST-TVI5FB-P
Image Sensor	2 MP CMOS	2MP - Progressive Scan CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS
Max. Image Resolution	1920 x 1080@ 30fps	1920 x 1080@ 30fps	2560 x 1444 @ 20fps	2560 x 1444 @ 20fps	2560 x 1444 @ 20fps
HD Video Output	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC
Lens Options	2.8mm/3.6mm	2.8mm/3.6mm	2.8mm/3.6mm	2.8mm/3.6mm	2.8mm/3.6mm
Angle Adjustment	Pan: 0° to 355°; Tilt: 0° to 75°; Rotation: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotation: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotation: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotation: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotation: 0° to 360°
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch), ICR	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 98 ft (30 m)	Up to 131 ft (40 m)	Up to 65 ft (20 m)	Up to 65 ft (20 m)	Up to 65 ft (20 m)
WDR	≥130 dB	> 120 dB	Digital WDR	Digital WDR	Digital WDR
Communication	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)
Protection Level	IP67, IK10	IP67	IP67, IK10	IP67	IP67
Working Temperature	-40° - 140°F (-40° - 60°C)	-40° - 140°F (-40° - 60°C),	-40° F - 140°F (-40° C - 60°C)	-40° F - 140°F (-40° C - 60°C)	-40° F - 140°F (-40° C - 60°C)
Power Supply	12 VDC, PoC.af - Power supply not included	12 VDC, PoC.af - Power supply not included	12 VDC, PoC.af - Power supply not included	12 VDC, PoC.af - Power supply not included	12 VDC, PoC.af - Power supply not included
Power Consumption	3.6W Max	3.6W Max	5.4W Max	4.3W Max	5.4W Max
Dimensions: in. (mm)	4.25 x 4.25 x 3.5" (108 x 108 x 89 mm)	4.5 x 4.5 x 3.5" (114 x 114 x 89 mm)	4.5 x 4.5 x 3.5" (114.3 x 114.3 x 88.9 mm)	3.5 x 3.25 x 2.5" (88.9 x 82.5 x 63.5 mm)	6.5 x 2.75 x 2.75" (165.1 x 69.8 x 69.8 mm)
Weight: lbs. (kg/g)	1 lbs (106 g)	.588 lbs (266.7 g)	1.01 lbs (462 g)	.518 lbs (234 g)	.754 lbs (342 g)
Optional Brackets	ST-JB1 / ST-WM1 / ST-WM1B	ST-JB2 / ST-WM2 / ST-WM2B ST-WM7 / ST-WM7B	ST-JB1 / ST-WM1 / ST-WM1B	ST-JBMB / ST-JB4 / ST-WM5	ST-JBMB / ST-JB4
PRICE	\$65.00	\$65.00	\$64.00	\$52.00	\$52.00

Discover exceptional product bargains within the Clearance Section located at the rear of the book



TVI PoC Cameras - 2MP & 5MP Varifocal Lens - Motorized Zoom

Models	ST-TVI2VFD-MZ-P	ST-TVI2VFTD-MZ-P	ST-TVI2VFB-MZ-P	ST-TVI5VFD-MZ-P	ST-TVI5VFTD-MZ-P	ST-TVI5VFB-MZ-P
Image Sensor	2 MP CMOS	2 MP CMOS	2 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS
Video Frame Rate	1920 x 1080@ 30fps	1920 x 1080@ 30fps	1920 x 1080@ 30fps	2560 x 1944 @ 20fps	2560 x 1944 @ 20fps	2560 x 1944 @ 20fps
HD Video Output	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC	1 HD TVI Analog BNC
Lens	2.7 mm to 13.5 mm Motorized	2.7 mm to 13.5 mm Motorized	2.7 mm to 13.5 mm Motorized	2.7 mm to 13.5 mm Motorized	2.7 mm to 13.5 mm Motorized	2.7 mm to 13.5 mm Motorized
Angle Adjustment	Pan: 0° to 340°; Tilt: 0° to 75°; Rotation: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotation: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotation: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotation: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotation: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotation: 0° to 360°
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day & Night	Yes (IR cut filter with auto switch), ICR	Yes (IR cut filter with auto switch), ICR	Yes (IR cut filter with auto switch), ICR	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)	Yes (IR cut filter with auto switch)
IR Range	Up to 196 ft (60 m)	Up to 196 ft (60 m)	Up to 262 ft (80 m)	Up to 131 ft (40 m)	Up to 131 ft (40 m)	Up to 131 ft (40 m)
WDR	≥130 dB	≥130 dB	≥130 dB	Digital WDR	Digital WDR	Digital WDR
Communication	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)	Control over Coax (COC)/ Up the Coax (UTC)
Protection Level	IP67, IK10	IP67	IP67	IP67, IK10	IP67	IP67
Working Temperature	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)	-40 - 140°F (-40 - 60°C)
Power Supply	12 VDC, PoC.af - Power supply not included	12 VDC, PoC.at - Power supply not included	12 VDC, PoC.at - Power supply not included	12 VDC, PoC.af - Power supply not included	12 VDC, PoC.at - Power supply not included	12 VDC, PoC.at - Power supply not included
Power Consumption	7W Max	8.2W Max	8.2W Max	6.6W Max	7.8W Max	7.8W Max
Dimensions: in. (mm)	5.5 x 5 x 5.5" (139.7 x 127 x 139.7 mm)	5.29 x 4.88 x 4.38" (134.3 x 123.8 x 111.3 mm)	10 x 3.5 x 3.5" (254 x 88.9 x 88.9 mm)	5.5 x 5 x 5.5" (139.7 x 127 x 139.7 mm)	5.29 x 4.88 x 4.38" (123.8 x 124.3 x 110.11 mm)	10 x 3.5 x 3.5" (254 x 88.9 x 88.9 mm)
Weight: lbs. (kg/g)	2.08 lbs (907 g)	1.34 lbs (610 g)	2.08 lbs (946 g)	1.98 lbs (861 g)	1.37 lbs (620 g)	1.48 lbs (635 g)
Optional Brackets	ST-JB3 / ST-WM2 ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B	ST-JB2 / ST-WM2 ST-WM2B / ST-WM7 ST-WM7B	ST-JBMB / ST-JB4 ST-WM5 / ST-WM7 ST-WM7B	ST-JB3 / ST-WM2 ST-WM2B / ST-WM3 ST-WM3B / ST-WM4 ST-WM4B / ST-WM6 ST-WM6B / ST-WM7 ST-WM7B	ST-JB2 / ST-WM2 ST-WM2B / ST-WM7 ST-WM7B	ST-JBMB / ST-JB4 ST-WM5 / ST-WM7 ST-WM7B
PRICE	\$128.00	\$118.00	\$118.00	\$111.00	\$111.00	\$111.00



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ST-HDC4-P



ST-HDC8-P



ST-HDC16-P

Digital Video Recorder (DVR) - Supports TVI PoC Cameras

Models	ST-HDC4-P	ST-HDC8-P	ST-HDC16-P
Description	4 BNC input supports: PoC HD-TVI, CVI, AHD, Analog and IP Cameras	8 BNC input supports: PoC HD-TVI, CVI, AHD, Analog and IP Cameras	16 BNC input supports: PoC HD-TVI, CVI, AHD, Analog and IP Cameras
PoC Interface	Up to 4 PoC.af or 4 PoC.at	Up to 8 PoC.af or 8 PoC.at	Up to 16 PoC.af or 12 PoC.at
Decoding	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Recording Resolution	Max 5MP (TVI), 2MP (CVI/AHD), 8MP (IP, for Channel 1 Only)	Max 5MP (TVI), 2MP (CVI/AHD), 8MP (IP)	Max 5MP (TVI), 2MP (CVI/AHD), 8MP (IP)
Hard Disk Drive Storage	1 SATA interface up to 10TB	2 SATA interface up to 10TB, Max 20TB	2 SATA interface up to 10TB, Max 20TB
RAID Array Type	N/A	N/A	N/A
Video Output	HDMI/VGA (HDMI Video output at up to 2K: 2560 × 1440 resolution), CVBS (Camera View output only)	HDMI/VGA (HDMI Video output at up to 4K: 3840 × 2160 resolution), CVBS (Camera View output only)	HDMI/VGA (HDMI Video output at up to 4K: 3840 × 2160 resolution), CVBS (Camera View output only)
Audio Input/Output	4-ch, RCA/1-ch, RCA	4-ch, RCA/1-ch, RCA	4-ch, RCA/1-ch, RCA
External Interface	Two way audio, 1 - 10/100 RJ-45, 2 USB 2.0, 1 RS-485	Two way audio, 1 - 10/100/1000 RJ-45, 1 USB 2.0, 1 USB 3.0, 1 RS-485	Two way audio, 1 - 10/100/1000 RJ-45, 1 USB 2.0, 1 USB 3.0, 1 RS-485
Alarm Input/Output	4 in/1 out	8 in/4 out	4 in/1 out
Smart Functions	Video Content Analytics (VCA), Smart search, Instant playback, Supports Motion/Line crossing/intrusion detection on all channels, and 2-ch sudden scene change detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Smart search, Instant playback, Supports Motion/Line crossing/intrusion detection on all channels, and 2-ch sudden scene change detection, Video Quality Diagnostics (VQD)	Video Content Analytics (VCA), Smart search, Instant playback, Supports Motion/Line crossing/intrusion detection on all channels, and 2-ch sudden scene change detection, Video Quality Diagnostics (VQD)
Network Protocols	TCP/IP, PPPoE, DHCP, STGO2, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTP, ONVIF	TCP/IP, PPPoE, DHCP, STGO2, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTP, ONVIF	TCP/IP, PPPoE, DHCP, STGO2, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTP, ONVIF
Working Temperature	14 to 131°F (-10 to +55°C)	14 to 131°F (-10 to +55°C)	14 to 131°F (-10 to +55°C)
Power Supply	48 VDC Power supply included	48 VDC Power supply included	100 to 240 VAC Power supply included
Power Consumption (without HDD)	≤ 40 W	≤ 60 W	≤ 140 W
Chassis	1U	1U	1U
Dimensions	12.4 x 9.5 x 1.8" (315 x 242 x 45 mm)	15.0 x 12.6 x 1.9" (380 x 320 x 48 mm)	12.6 x 1.9 x 15" (320 x 48.2 x 381 mm)
Weight (without HDD)	3.3 lbs (1.5 kg)	4.4 lbs (2 kg)	8.4 lbs (3.8 kg)
PRICE	\$178.00	\$309.00	\$590.00



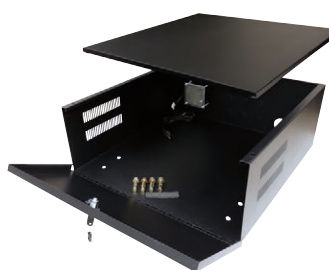
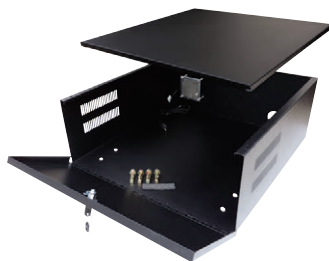
Hard Disk Drives (HDD) 1TB- 4TB

Models	WD10PURX	WD20PURX	WD30PURX	WD40PURX
Description/Capacity	WD Purple 1TB Surveillance HDD	WD Purple 2TB Surveillance HDD	WD Purple 3TB Surveillance HDD	WD Purple 4TB Surveillance HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s	6 Gb/s
RPM	5400 RPM	5400 RPM	5400 RPM	5400 RPM
Cache	64	64	64	64
Advanced Format (AF)	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	.99 lbs (.449 kg)	1.21 lbs (.548 kg)	1.42 lbs (.644 kg)	1.42 lbs (.644 kg)
Price	\$80.00	\$110.00	\$139.00	\$194.00



Hard Disk Drives (HDD) 6TB - 10TB

Models	WD60PURX	WD802PURZ	WD102PURX
Description/Capacity	WD Purple 6TB Surveillance HDD	WD Purple 8TB Surveillance HDD	WD Purple 10TB Surveillance HDD
Form Factor	3.5" SATA	3.5" SATA	3.5" SATA
Interface	6 Gb/s	6 Gb/s	6 Gb/s
RPM	5400 RPM	7200 RPM	7200 RPM
Cache	64	256	256
Advanced Format (AF)	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes
Dimensions: in. (mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)	6 x 4 x 1" (152 x 101 x 25 mm)
Weight: lbs. (kg/g)	1.59 lbs (.721 kg)	1.59 lbs (.721 kg)	1.62 lbs (.734 kg)
Price	\$320.00	\$339.00	\$460.00



Recorder Lock Boxes

Models	ST-DVRLB-18WF	ST-DVRLB-21WF	ST-DVRLB-WMB
Description	18 inch Lockbox with integrated fan, vented sides, removable lid, hinged locking door with two keys, rear knockouts for power and video cabling, black finish, .05" (1.2mm) plate thickness	21 inch Lockbox with integrated fan, vented sides, removable lid, hinged locking door with two keys, rear knockouts for power and video cabling, black finish, .05" (1.2mm) plate thickness	DVR Lockbox wall mount brackets one pair. Compatible with models ST-DVRLB-18WF and ST-DVRLB-21WF
Dimensions: in. (mm)	18 x 18 x 5" (457 x 457 x 127 mm)	21 x 21 x 8" (533 x 533 x 203 mm)	-
Weight: lbs. (kg/g)	15.4 lbs (7kg)	22.6 lbs (11.2kg)	4.4 lbs (2kg)
Price	\$105.00	\$124.00	\$39.00


Wall Mount Camera Mounts

Models	ST-WM1, ST-WM1-BLK	ST-WM1B, ST-WM1B-BLK	ST-WM2, ST-WM2-BLK	ST-WM2B	ST-WM3
Description	Wall Mount Bracket	Wall Mount Bracket with Junction Box	Wall Mount Bracket	Wall Mount Bracket with Junction box	Wall Mount Bracket
Dimensions: in. (mm)	6.75 x 4.75 x 5" (171.4 x 120.8 x 127 mm)	9 x 7 x 4.75" (228.6 x 177.8 x 120.6 mm)	9 x 7.25 x 4.75" (228.6 x 184.1 x 120.6 mm)	10.5 x 9.5 x 4.75" (266.7 x 241.3 x 120.6 mm)	9.37 x 7.22 x 5.3" (230 x 183.5 x 136 mm)
Weight: lbs. (kg/g)	1.07 lbs (485 g)	2.93 lbs (1.32 kg)	2.14 lbs (970 g)	4.29 lbs (1.94 kg)	1.56 lbs (709 g)
IP Cameras	ST-IP2FD / ST-IP2FD-2.8 / ST-IP4FD / ST-IP4FD-2.8 ST-IP4FD-2.8-BLK / ST-IP4FD-6 / ST-IP4FD-8 / ST-IP4FD-BLK ST-IP8FD / ST-IP8FD-2.8		ST-IP2FTD / ST-IP2FTD-2.8 / ST-IP2VFB-LPR ST-IP4FTD / ST-IP4FTD-2.8 / ST-IP4FTD-2.8-BLK ST-IP4FTD-BLK / ST-IP4VFB-MZ / ST-IP4VFD-MZ ST-IP4VFD-MZ-BLK / ST-IP4VFTD-MZ / ST-IP8FTD ST-IP8FTD-2.8 / ST-IP8VFB-MZ / ST-IP8VFD-MZ ST-IP8VFD-MZ / ST-IP4FTD-CNV		ST-IP2PTZFC / ST-IP2VFB-LPR ST-IP4VFB-MZ / ST-IP4VFD-MZ ST-IP4VFD-MZ-BLK / ST-IP8VFB-MZ ST-IP8VFD-MZ / ST-IP8VFD-MZ ST-IP4FTD-CNV
HDoC 4 in 1 Cameras	ST-HDC2FD / ST-HDC2FD-2.8 / ST-HDC2FD-2.8-BLK ST-HDC2FD-BLK / ST-HDC5FD / ST-HDC5FD-2.8		ST-HDC2FTD / ST-HDC2FTD-2.8-BLK / ST-HDC2FTD-BLK ST-HDC2VFD-MZ / ST-HDC2VFD-MZ / ST-HDC5VFD-MZ ST-HDC5VFD-MZ / ST-HDC2FTD-CNV / ST-HDC2FTD-CNV-2.8 ST-HDC5FTD-CNV / ST-HDC5FTD-CNV-2.8		ST-HDC2VFD-MZ ST-HDC5VFD-MZ
TVI PoC Cameras	ST-TVI2FD-P / ST-TVI2FD-P-2.8 / ST-TVI5FD-P / ST-TVI5FD-2.8-P		ST-TVI2FTD-P / ST-TVI2FTD-P-2.8 / ST-TVI2VFD-MZ-P ST-TVI2VFD-MZ-P / ST-TVI5VFD-MZ-P / ST-TVI5VFD-MZ-P		ST-TVI2VFD-MZ-P ST-TVI5VFD-MZ-P
Price	\$32.00/\$18.00		\$32.00	\$60.00	\$34.00


Wall Mount Camera Mounts

Models	ST-WM3B	ST-WM4	ST-WM4B, ST-WM4B-BLK	ST-WM5
Description	Wall Mount Bracket with Junction Box	Wall Mount Bracket	Wall Mount Bracket with Junction Box	Wall Mount Bracket
Dimensions: in. (mm)	11.5 x 9.5 x 5" (292.1 x 241.3 x 127 mm)	7.16 x 5.5 x 4.7" (182 x 140 x 120 mm)	11.5 x 9.5 x 5" (292.1 x 241.3 x 127 mm)	6.5 x 4.75 x 4.75" (165.1 x 120.6 x 120.6 mm)
Weight: lbs. (kg/g)	3.92 lbs (1.77 kg)	1.54 lbs (703 g)	3.92 lbs (1.77 kg)	1.34 lbs (607 g)
IP Cameras	ST-IP2VFB-LPR / ST-IP4VFB-MZ ST-IP4VFD-MZ / ST-IP4VFD-MZ-BLK ST-IP8VFB-MZ / ST-IP8VFD-MZ ST-IP8VFD-MZ / ST-IP4FTD-CNV	ST-IP2VFB-LPR / ST-IP4VFB-MZ / ST-IP4VFD-MZ / ST-IP4VFD-MZ-BLK ST-IP4FTD-CNV / ST-IP8VFB-MZ / ST-IP8VFD-MZ / ST-IP8VFD-MZ		NA
HDoC 4 in 1 Cameras	ST-HDC2VFD-MZ ST-HDC5VFD-MZ	ST-HDC2VFD-MZ / ST-HDC5VFD-MZ		ST-HDC2VFB-MZ / ST-HDC5FTD ST-HDC5FTD-2.8 / ST-HDC5VFB-MZ
TVI PoC Cameras	ST-TVI2VFD-MZ-P ST-TVI5VFD-MZ-P	ST-TVI2VFD-MZ-P / ST-TVI5VFD-MZ-P		ST-TVI2VFB-MZ-P / ST-TVI5FTD-P ST-TVI5FTD-2.8-P / ST-TVI5VFB-MZ-P
Price	\$44.00	\$34.00	\$34.00	\$26.60



Pendant Cap for Dome Camera - Black
 Aluminum Alloy Material with Surface Spray Treatment, Waterproof Design.
Model No. ST-PCAP-BLK \$14.90



Dome Single Gang Plate
 Dome Single Gang Plate For Camera Model ST-IP4FD-2.8/4mm
Model No. ST-DOME-SGP \$3.99



Wall Mount Camera Mounts

Models	ST-WM6, ST-WM6-BLK	ST-WM6B, ST-WM6B-BLK	ST-WM7, ST-WM7-BLK	ST-WM7B
Description	Wall Mount Bracket	Wall Mount Bracket with Junction Box	Wall Mount Bracket	Wall Mount Bracket with Junction Box
Dimensions: in. (mm)	9.5 x 7.25 x 4.75" (241.3 x 184.1 x 120.6 mm)	11.75 x 9.5 x 4.75" (298.4 x 241.3 x 120.6 mm)	8.75 x 7.25 x 4.75" (222.2 x 184.1 x 120.6 mm)	11.5 x 9.5 x 4.75" (292.1 x 241.3 x 120.6 mm)
Weight: lbs. (kg/g)	1.78 lbs (807 g)	4.00 lbs (1.81 kg)	1.10 lbs (498 g)	3.92 lbs (1.77 kg)
IP Cameras	ST-IP2VFB-LPR / ST-IP4VFB-MZ / ST-IP4VFD-MZ / ST-IP4FTD-CNV ST-IP4VFD-MZ-BLK / ST-IP8VFB-MZ / ST-IP8VFD-MZ / ST-IP8VFTD-MZ		ST-IP2VFB-LPR / ST-IP4VFB-MZ / ST-IP4VFD-MZ / ST-IP4VFD-MZ-BLK ST-IP4VFD-MZ / ST-IP4FTD-CNV / ST-IP8VFB-MZ / ST-IP8VFD-MZ / ST-IP8VFTD-MZ	
HDoC 4 in 1 Cameras	ST-HDC2VFD-MZ / ST-HDC5VFD-MZ		ST-HDC2VFD-MZ / ST-HDC2VFB-MZ / ST-HDC2VFTD-MZ ST-HDC5VFD-MZ / ST-HDC5VFB-MZ / ST-HDC5VFTD-MZ	
TVI PoC Cameras	ST-TVI5VFD-MZ-P		ST-TVI2FTD-P-2.8 / ST-TVI2VFB-MZ-P / ST-TVI2VFTD-MZ-P ST-TVI5VFD-MZ-P / ST-TVI5VFB-MZ-P	
Price	\$44.00	\$63.90	\$39.00	\$49.00



Junction Box Camera Mounts

Models	ST-JB1, ST-JB1-BLK	ST-JB2	ST-JB2B, ST-JB2B-BLK	ST-JB3, ST-JB3-BLK	ST-JB4, ST-JB4-BLK	ST-JB5, ST-JB5-BLK	ST-JBMB
Description	Junction Box with Conduit Intake	Junction Box with Conduit Intake	Junction Box with Conduit Intake	Junction Box with Side or Bottom Conduit Intake	Junction Box	Junction Box	Junction Box with Conduit Intake
Dimensions: in. (mm)	5.75 x 4.25 x 1.5" (146.1 x 107.9 x 38 mm)	7.5 x 2 x 6" (190.5 x 50.8 x 152.4 mm)	6.25 x 4.75 x 1.5" (158.7 x 120.6 x 38.1 mm)	6.5 x 5.5 x 1.75" (165.1 x 139.7 x 44.4 mm)	6.5 x 5.25 x 2" (165.1 x 133.3 x 50.8 mm)	4.1 x 4.1 X 1.42" (88.5 x 88.5 x 36 mm)	4.37 x 4.54 x 1.72" (110 x 115 x 43 mm)
Weight: lbs. (kg/g)	.35 lbs (158 g)	1.44 lbs (653 g)	.50 lbs (226 g)	.64 lbs (290 g)	1.21 lb (548g)	.55 lb (248 g)	.33 lbs (149 g)
IP Cameras	ST-IP2FD / ST-IP2FD-2.8 ST-IP4FD / ST-IP4FD-2.8 ST-IP4FD-6 / ST-IP4FD-8 ST-IP4FD-2.8-BLK ST-IP4FD-BLK ST-IP8FD ST-IP8FD-2.8	ST-IP2FTD ST-IP2FTD-2.8 ST-IP4FTD ST-IP4FTD-2.8 ST-IP4FTD-BLK ST-IP4FTD-2.8-BLK ST-IP4VFTD-MZ ST-IP8FTD ST-IP8FTD-2.8	ST-IP2FTD ST-IP2FTD-2.8 ST-IP4FTD ST-IP4FTD-2.8 ST-IP4FTD-BLK ST-IP4FTD-2.8-BLK ST-IP4VFTD-MZ ST-IP8FTD ST-IP8FTD-2.8	ST-IP2PTZFMC ST-IP2VFB-LPR ST-IP4VFB-MZ ST-IP4VFD-MZ ST-IP4VFD-MZ-BLK ST-IP4FTD-CNV ST-IP8VFB-MZ ST-IP8VFD-MZ ST-IP8VFTD-MZ	ST-IP2FB / ST-IP4FB ST-IP4FB-2.8 ST-IP4FB-6 ST-IP4FB-8 ST-IP8FB ST-IP8FB-2.8 ST-IP8FBL ST-IP8FBL-2.8 ST-IP4FB-CNV	ST-IP8FBL ST-IP8FBL-2.8 ST-IP4FB-CNV	ST-IP2FB ST-IP4FB ST-IP4FB-2.8 ST-IP4FB-6 ST-IP4FB-8 ST-IP8FB ST-IP8FB-2.8
HDoC 4 in 1 Cameras	ST-HDC2FD ST-HDC2FD-2.8 ST-HDC2FD-2.8-BLK ST-HDC2FD-BLK ST-HDC5FD ST-HDC5FD-2.8	ST-HDC2FTD ST-HDC2FTD-2.8-BLK ST-HDC2FTD-BLK ST-HDC2VFTD-MZ ST-HDC2FTD-CNV ST-HDC2FTD-CNV-2.8 ST-HDC5VFTD-MZ ST-HDC5FTD-CNV ST-HDC5FTD-CNV-2.8	ST-HDC2FTD ST-HDC2FTD-2.8-BLK ST-HDC2FTD-BLK ST-HDC2VFTD-MZ ST-HDC2FTD-CNV ST-HDC2FTD-CNV-2.8 ST-HDC5VFTD-MZ ST-HDC5FTD-CNV ST-HDC5FTD-CNV-2.8	ST-HDC2VFD-MZ ST-HDC5VFD-MZ	ST-HDC2FB ST-HDC2FB-2.8 ST-HDC2FB-EXIR ST-HDC2FB-EXIR-2.8 ST-HDC2FTD-2.8 ST-HDC2VFB-MZ ST-HDC2FB-CNV ST-HDC2FB-CNV-2.8 ST-HDC5FB ST-HDC5FB-2.8 ST-HDC5FTD ST-HDC5FTD-2.8 ST-HDC5VFB-MZ ST-HDC5FB-CNV ST-HDC5FB-CNV-2.8	N/A	ST-HDC2FB ST-HDC2FB-2.8 ST-HDC2FB-EXIR ST-HDC2FB-EXIR-2.8 ST-HDC2VFB-MZ ST-HDC2FB-CNV ST-HDC2FB-CNV-2.8 ST-HDC5FB ST-HDC5FB-2.8 ST-HDC5FTD ST-HDC5FTD-2.8 ST-HDC5VFB-MZ ST-HDC5FB-CNV ST-HDC5FB-CNV-2.8
TVI PoC Cameras	ST-TVI2FD-P ST-TVI2FD-P-2.8 ST-TVI5FD-P ST-TVI5FD-2.8-P	ST-TVI2FTD-P ST-TVI2FTD-P-2.8 ST-TVI2VFTD-MZ-P	ST-TVI2FTD-P ST-TVI2FTD-P-2.8 ST-TVI2VFTD-MZ-P	ST-TVI5VFD-MZ-P	ST-TVI2VFB-MZ-P ST-TVI5FB-P ST-TVI5FB-P-2.8 ST-TVI5FTD-P ST-TVI5FTD-2.8-P ST-TVI5VFB-MZ-P	N/A	ST-TVI2VFB-MZ-P ST-TVI5FB-P ST-TVI5FB-P-2.8 ST-TVI5FTD-P ST-TVI5FTD-2.8-P ST-TVI5VFB-MZ-P
Price	\$14.99	\$29.00	\$18.00	\$23.00	\$29.00	\$14.99	\$29.00



PTZ Camera Mounts - Short Lengths

Models	ST-PTZWMS	ST-PTZCMS	ST-PTZCRMS	ST-PTZPMPS
Description	Wall Mount for PTZ - Short	Ceiling Mount for PTZ - Short	Corner Mount for PTZ - Short	Pole Mount Bracket for PTZ - Short
Dimensions	4.33 x 5.7 x 7.44" (110 x 144 x 189 mm)	8 x 4.5 x 4.5" (203.2 x 114.3 x 114.3 mm)	7.75 x 7 x 4.25" (196.8 x 177.5 x 107.9 mm)	7.75 x 5 x 1.5" (196.8 x 127 x 38.1 mm)
Weight	1.21 lbs (548 g)	1.53 lbs (693 g)	3.16 lbs (1.43 kg)	2 lbs (907 g)
IP PTZ & Fisheye Cameras	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC
HDoC 4 in 1 PTZ Cameras	ST-HDC2IRPTZ ST-HDC2PTZ	ST-HDC2IRPTZ ST-HDC2PTZ	ST-HDC2IRPTZ ST-HDC2PTZ	ST-HDC2IRPTZ ST-HDC2PTZ
Price	\$38.00	\$28.00	\$32.00	\$32.00



PTZ Camera Mounts - Long Lengths

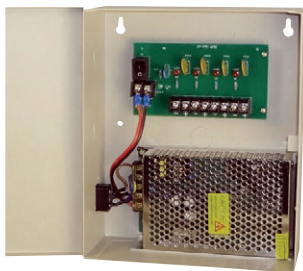
Models	ST-PTZWML	ST-PTZCML	ST-PTZCRML	ST-PTZPMPL
Description	Wall Mount for PTZ - Long	Ceiling Mount for PTZ - Long	Corner Mount for PTZ - Long	Pole Mount Bracket for PTZ - Long
Dimensions	12 x 4 x 7" (304.8 x 101.6 x 177.8 mm)	19.75 x 4.5 x 4.5" (501.6 x 114.3 x 114.3 mm)	12.5 x 10 x 6" (317.5 x 254 x 152.4 mm)	11.25 x 7.75 x 3" (285.7 x 196.8 x 76.2 mm)
Weight	2.29 lbs (1.03 kg)	2.84 lbs (1.28 kg)	10.88 lbs (4.93 kg)	15.07 lbs (6.83 kg)
IP PTZ & Fisheye Cameras	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC
HDoC 4 in 1 PTZ Cameras	ST-HDC2IRPTZ ST-HDC2PTZ	ST-HDC2IRPTZ ST-HDC2PTZ	ST-HDC2IRPTZ ST-HDC2PTZ	ST-HDC2IRPTZ ST-HDC2PTZ
Price	\$32.00	\$39.00	\$50.00	\$50.00



PTZ & Fisheye Camera Mounts

Models	ST-PTZPMPS-KIT	ST-PTZJBPW	ST-IP4PTZ-4X-WMB	ST-IP6FE-ICM
Description	Speed dome pole mounting bracket with integrated long arm	Wall Mount for PTZ with Junction Box included	Wall Mount Bracket for Mini IP PTZ	Ceiling Mount Bracket for Fisheye Camera
Dimensions	4.6 x 7.6 x 12.2" (116.8 x 193 x 309.9 mm)	16.5 x 8.5 x 16.25" (419.1 x 215.9 x 412.7 mm)	8.3 x 4.6 x 1.3" (211 x 117 x 33.2 mm)	7 x 6.5 x 2" (177.8 x 165.1 x 50.8 mm)
Weight	3.9 lbs (1.76 kg)	7.46 lbs (3.38 kg)	1.79 lbs (8.12 g)	.71 lbs (322 g)
IP PTZ & Fisheye Cameras	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP2IRPTZHZ / ST-IP2IRPTZ ST-IP2PTZ / ST-IP2PTZC	ST-IP4PTZ-4X	ST-IP6FE
HDoC 4 in 1 PTZ Cameras	ST-HDC2IRPTZ ST-HDC2PTZ	ST-HDC2IRPTZ / ST-HDC2PTZ	N/A	N/A
Price	\$43.75	\$111.00	\$24.00	\$26.00

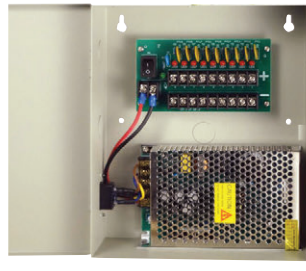
DC Power Boxes - Self Resetting Fuse PTC Power Boxes



A

4 Camera power supply, 12VDC, 5A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

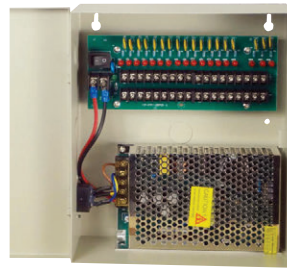
A. Model No. ST-PBX4-5A-PTC\$60.00



B

9 Camera power supply, 12VDC, 10A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

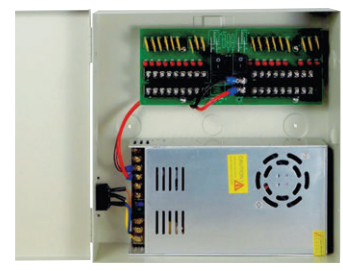
B. Model No. ST-PBX9-10A-PTC\$66.00



C

18 Camera power supply, 12VDC, 10A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

C. Model No. ST-PBX18-10A-PTC\$70.00

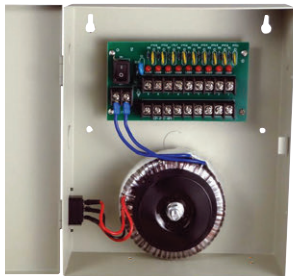


D

18 Camera power supply, 12VDC, 20A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

D. Model No. ST-PBX18-20A-PTC\$89.00

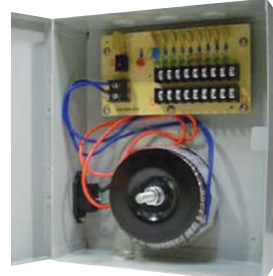
AC Power Boxes



E

9 Camera power supply, 24VAC, 5A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

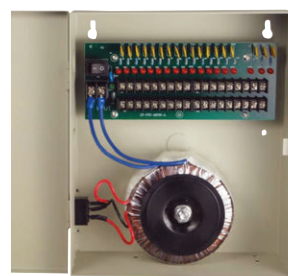
E. Model No. ST-PBX9-24AC-PTC\$63.00



F

9 Camera power supply, 24VAC, 5A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, 9 Individual status LEDs, metal housing, CE, FCC, RoHS.

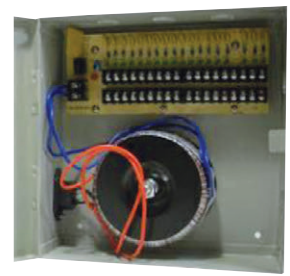
F. Model No. ST-PBX9AC24V5A\$49.99



G

18 Camera power supply, 24VAC, 10A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, CE, FCC, RoHS.

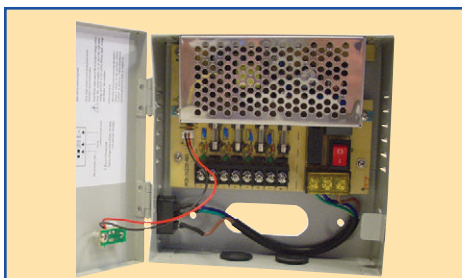
G. Model No. ST-PBX18-24AC-PTC\$77.00



H

18 Camera power supply, 24VAC, 8A with individual resettable PTC fuses, Input Voltage: 110VAC, 50-60Hz, 18 Individual status LEDs, metal housing, CE, FCC, RoHS.

H. Model No. ST-PBX18AC24V8A\$74.99



Glass Fuse Power Boxes

4 Camera power supply, 12VDC 3A, individual glass fuses, Input Voltage: 110VAC, 50-60Hz, IEC 3-pin AC Cord, metal housing, UL Listed.

Model No. ST-PBX4DC12V3A...\$29.99

AC, DC and USB Power Supplies



A

24V AC Power Supply

A. Model No. ST-PS24VAC\$8.99



B

12V DC 1 Amp Power Supply

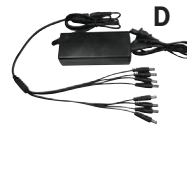
B. Model No. ST-PS12VDC1A\$4.99



C

12V DC 2 Amp Power Supply

C. Model No. ST-PS12VDC2A.....\$7.99



D

12V DC 5 Amp Power Supply

D. Model No. ST-PS12VDC5A-8PL\$19.99



E

4 Channel 12V DC 5 Amp UL Listed Power Supply Box, PTC Fuse

E. Model No. ST-PS12V5A-PTC\$25.00

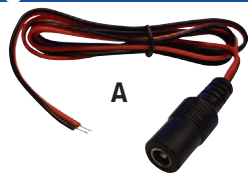


F

Single Port USB Power Supply

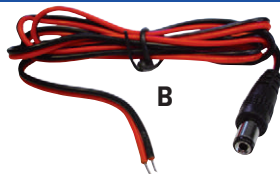
F. Model No. ST-USB-1P\$3.99

Pigtail Connectors



A

A. Jack Connector

Model No. ST-PSCPF-PT .. \$1.15


B

B. Plug Connector

Model No. ST-PSCPM-PT... \$1.05

Power Adapters


Plug to 2 Conductor
Screw Terminal

A. Model No. ST-DC21.....\$0.59

Plug to 2 Conductor
Screw Terminal

B. Model No. ST-DC21F ...\$0.69

Plug to 2 Conductor Removable
Screw Terminal Block

C. Model No. ST-DC21M.. \$0.75

Baluns

CCTV Video balun kit. BNC Plug to 2 conductor screw terminal block. Allows a single video signal to be transmitted over a single unshielded twisted pair (UTP) wire. Color video up to 400 meters and B/W video up to 600 meters. Passive operation, no power required. Compatible with Analog, HDCVI and HDTV.

Model No. ST-CCTV-VB-KIT \$12.99

CCTV Video balun kit. BNC Plug to 2 conductor screw terminal block. Allows a single video signal to be transmitted over a single unshielded twisted pair (UTP) wire. Color video up to 400 meters and B/W video up to 600 meters. Passive operation, no power required. Compatible with Analog, HDCVI and HDTV.

Model No. ST-CCTV-VB-PTKIT \$12.99

The ST-CCTV-VBP-KIT baluns are designed for CCTV signal and camera power transmission over unshielded twisted pair (UTP) wire. These baluns are an alternative solution to coaxial and fiber based systems, providing for fast, easy installation, saving time and money. While allowing for substantial savings on the cost of the cable itself the ST-CCTV-VBP-KIT baluns provide superb quality on long range transmission. Since these baluns are passive video transceivers, no power is required to operate the units. Transmission ranges vary from 650 feet up to 1,300 feet while power (12VDC or 24VAC) can travel up to 328 feet via unshielded twisted pair wire. This kit support analog, HD-Coaxinator , HDCVI, HDTV video and AHD video signals. Kit includes a transmitter and a receiver.

Model No. ST-CCTV-VBP-KIT \$13.99


Video Converter

Support up to 8MP HD-TVI/CVI/AHD/CVBS signal and provide one HDMI output and one BNC output. The ST-HDOC-VC is perfect for converting a HDcC (High definition over coax) video to an HDMI signal to allow for viewing on a monitor that does not have HD-TVI/CVI/AHD/CVBS input, such as spot monitoring (a secondary monitor which connects directly to the camera and displays its image, commonly seen in retail store entrances). Many recorders do not have a spot monitor output built-in, and the ST-HDOC-VC can be sold separately to provide this function if it is required for a customer's application.

Model No. ST-HDOC-VC \$75.90


Keyboard/Joystick PTZ Camera Controller

The ST-USB-KB keyboard is a USB interface controlling keyboard which supports USB HID protocol; it can be applied with USB joystick mode and supports various programmable keys for users to set custom functions. The keyboard can be used to control Securitytronix EZ Connect II, HDCII devices with function key operation. Simplified GUI provides ease of operation, and can be deployed in various applications from residential to commercial.

Model No. ST-USB-KB \$268.00


Monitors



18.5 Inch LED backlit monitor, 1 HDMI input and 1 VGA input, 1366 x 768 maximum resolution, 75 x 75 Vesa mounting pattern, Wide viewing angle, 3D Comb Filter, 3D De-interlace, 3D Noise Reduction, Desktop stand included.

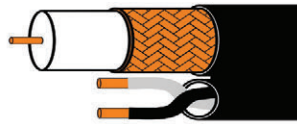
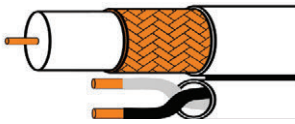
Model No. ST-HDLED18.5.....\$169.00


21.5 Inch LED backlit monitor, 1 HDMI input and 1 VGA input, 1920 x 1080 maximum resolution, 100 x 100 Vesa mounting pattern, Wide viewing angle, 3D Comb Filter, 3D De-interlace, 3D Noise Reduction, Desktop stand included.

Model No. ST-HDLED21.5.....\$189.00

18.5 Inch LED backlit monitor, 1 VGA input, 1366 x 768 maximum resolution, 75 x 75 Vesa mounting pattern, Wide viewing angle, 3D Comb Filter, 3D De-interlace, 3D Noise Reduction, Desktop stand included.

Model No. ST-LEDVGA-18.5.....\$139.00



Siamese RG-59 Video cable with attached 18/2 Power Cable

Siamese CCTV cable allows installers to run both the video and power to security cameras using a single cable. These have a 20 AWG solid copper center conductor, 95% maximum braided shielding, and 75 ohm impedance. Cable is ETL rated.

Siamese RG-59 Video cable/attached 18/2 Power Cable

Models	CCTV CABLE-500-WHT	CCTV CABLE-500-BLK
Length	500 Ft.	500 Ft.
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$71.95	\$71.95

Models	CCTV CABLE-1000-WHT	CCTV CABLE-1000-BLK
Length	1000 Ft.	1000 Ft.
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$143.90	\$143.90

Models	CCTV CABLE-500RB-WHT	CCTV CABLE-500RB-BLK
Length	500 Ft.	500 Ft.
Color	White	Black
Spool/Reel in a Box	Reel in a Box	Reel in a Box
Price	\$71.95	\$71.95



Siamese Pre-Made Jumpers

Siamese CCTV jumper cable, RG-59 Video cable with BNC connectors on both ends and attached connectorized 18 gauge, 2 conductor power cable.



Siamese Pre-Made Jumpers

Models	ST-PMJ25W	ST-PMJ25B
Length	25 Ft.	25 Ft.
Color	White	Black
Price	\$6.95	\$6.95

Models	ST-PMJ60W	ST-PMJ60B
Length	60 Ft.	60 Ft.
Color	White	Black
Price	\$11.95	\$11.95

Models	ST-PMJ100W	ST-PMJ100B
Length	100 Ft.	100 Ft.
Color	White	Black
Price	\$18.95	\$18.95

Models	ST-PMJ150W	ST-PMJ150B
Length	150 Ft.	150 Ft.
Color	Black	Black
Price	\$27.95	\$27.95

Models	ST-PMJ200W	ST-PMJ200B
Length	200 Ft.	200 Ft.
Color	Black	Black
Price	\$35.95	\$35.95

Compression Tool and Connectors

Universal Compression Tool for BNC, RCA and F Connectors

The Securitytronix CT-CCT-BFR2 is a linear compliant compression tool with three universal adapters and an adjustable plunger for F-type, RCA, and BNC compression connectors on RG6 and RG59 coaxial cables. This tool supports Securitytronix compression connectors (CT-BNC59C and CT-RCA59CSP) as well as compression connectors from other vendors.



Model No. CT-CCT-BFR2 \$79.99

Compression BNC Connector for RG-59 Coaxial Cable

Compression BNC Connector for RG-59 Coaxial Cable, 2 piece (50/Bag)



Model No. CT-BNC59C..... \$49.50/bag, \$.99 each

Center Pins for Piece BNC Connectors (50/Bag)

Model No. CT-BNC59C-PIN \$39.50/bag, \$.79 each

Test Meter Accessories



Test Meter Screen Protectors

Models	A. ST-IP-TEST-SP2	B. ST-HDoC-TEST-MINISP2
Meters	ST-IP-TEST2 / ST-ALLIN1-TEST2	ST-HDoC-TEST-MINI2
Price	\$7.99	\$7.99

Test Meter Replacement Batteries

Models	C. ST-IP-TEST-BATTERY2-5K	D. ST-IP-TEST-BATTERY2
Meters	ST-IP-TEST2 / ST-ALLIN1-TEST2	ST-IP-TEST2 / ST-ALLIN1-TEST2
Price	\$39.99	\$39.99

Models	E. ST-HDOC-TEST-MINI2-BAT W-HSG	F. ST-HDOC-TEST-BATTERY
Meters	ST-HDoC-TEST-MINI2	ST-HDoC-TEST-MINI
Price	\$39.99	\$39.00

Models	G. ST-ALLIN1-TEST-BATT	H. ST-IP-TEST-BAT W-HSG
Meters	ST-ALLIN1-TEST	ST-IP-TEST / ST-SDI-TEST / ST-HDoC-TEST-MM
Price	\$39.00	\$39.00

Test Meter Replacement Power Supply

Models	I. ST-IP-TEST-PS
Meters	ST-IP-TEST / ST-IP-TEST2 / ST-ALLIN1-TEST2 / ST-HDoC-TEST-MINI2
Price	\$11.99

IP Buddy+ & HD Boss Test Meters Power Supply Adapters

Models	J. ST-IP-TEST-ADAP-AUST	K. ST-IP-TEST-ADAP-EURO	L. ST-IP-TEST-ADAP-UK
Adapter	Australian	European	United Kingdom
Price	\$9.99	\$9.99	\$9.99

Perfect for Hotels, Schools, and Commercial Building Hallways



High Resolution Narrow View Cameras

The Hallway Monitor series features 4MP high resolution and 1/3" progressive scan CMOS.

The long lens and narrow Field of View (FOV) are the perfect configuration for monitoring a specific target such as long hallways, front desks and entrances. This camera type enables seeing at a distance while still maintaining high quality video images.

Features

- 4MP high resolution
- 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
- 6mm or 8mm len options
- IR Range: Up to 98' (30m)
- 1/3" progressive scan CMOS
- 120dB True WDR

Hallway Monitor Models

Bullet Cameras

- ST-IP4FB-8 - 8mm bullet camera
- ST-IP4FB-6 - 6mm bullet camera

Dome Cameras

- ST-IP4FD-8 - 8mm dome camera
- ST-IP4FD-6 - 6mm dome camera

See page 7 for complete specifications

Narrow vs. Wide Angle Lens

	Narrow Angle	Wide Angle
Size	6mm & 8mm	2.8mm & 4mm
FOV	Smaller	Larger
How objects appear	Larger and more detailed	Smaller
Ideal Use	Specific targets, such as hallways, front desks, and entrances	Large areas, such as warehouses, parking lots, and stadiums



8mm
Narrow-Angle

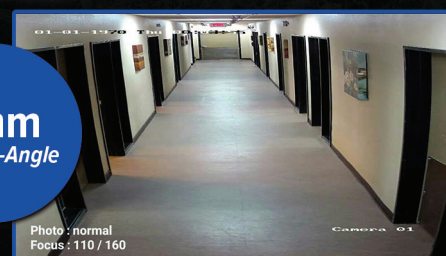


Photo : normal
Focus : 110 / 160

6mm
Narrow-Angle

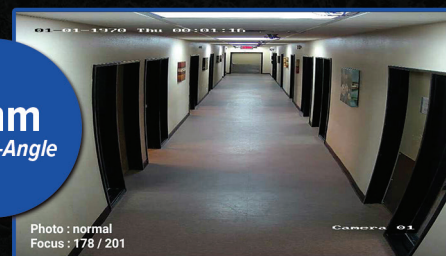
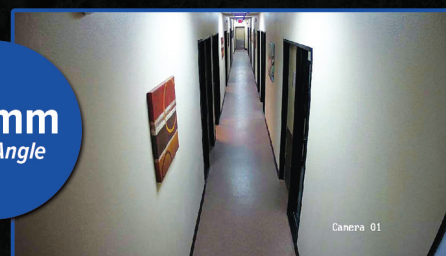


Photo : normal
Focus : 178 / 201

4mm
Wide-Angle



2.8mm
Wide-Angle



Earn Monthly Recurring Revenue

with our cloud-based video
surveillance storage platform

Your clients want and expect secure storage of
their video surveillance with mobile and
remote access—now you can provide it easily!

It's perfect for all property types such as:

- ◆ Hotels
- ◆ Bars
- ◆ Office Buildings
- ◆ Hospitals
- ◆ Campuses
- ◆ Assisted Living
- ◆ Retail
- ◆ Restaurants
- ◆ Convenience Stores

We'll handle the account setup, including billing, while you get client retention and opportunities for additional hardware sales. We'll even provide marketing materials to help close the deals.

In addition, SecurityTronix can offer a complete solution, combining commercial-grade cloud video with robust enterprise-grade equipment, with the entire end-to-end system supported by our award-winning 24/7 US-based phone, chat, and email support.



SPECIAL PROMOTION

**3 MONTHS FREE
CLOUD STORAGE SERVICE
& FREE ST LIVE
CLOUD ADAPTER**



Offer Expires:
6/30/24



ST Live
powered by
CloudView



Qualifications: Minimum 4 camera SecurityTronix system with one-year CloudView service contract

For more information: **702-329-3211** | naceconnect.com/cloudview



SecurityTronix PREMIER PARTNER PROGRAM

20% OFF SECURITYTRONIX PRODUCTS

YOUR SAVINGS STARTS IMMEDIATELY. NO WAITING. NO INITIAL MINIMUMS.

While other companies have time requirements and minimum purchases just to qualify for discounts, at SecurityTronix, we believe helping your business succeed is our most important priority.

This is why we give our Premier Partners a higher discount than any other partner program on the market, and we give it to you **IMMEDIATELY** when you sign up. We want you to enjoy higher profits now, not later. Plus, in addition to saving you money, we'll also save you TIME.

Great Benefits for Premier Partners:

- Priority Site Survey and System Design Assistance
- Trained & Certified Sales & Support Engineers to help you *GROW YOUR BUSINESS*
- Exclusive Offers and Promotions

Once you experience our excellent 24/7/365 support, expert advice, and sincere helpfulness, we know you'll want to continue doing business with us as your valued strategic partner.

PARTNERING IS EASY!

Call: 800-460-1801

or apply online at
securitytronix.com/premier

SINGLE ORDER VOLUME DISCOUNT PROGRAM

5% OFF

When you purchase
over \$1,000 in
SecurityTronix® products!

5% OFF **PLUS FREE SHIPPING**

When you purchase over \$2,500
in SecurityTronix® products!

10% OFF **PLUS FREE SHIPPING**

When you purchase over \$5,000
in SecurityTronix® products!

* Qualified Distributor volume discounts available, contact your sales representative for full details. Free Ground Freight only applies to accounts within the contiguous U.S.

FREE IP ADDRESSING AND PRE-CONFIGURATION

Saving Time and Money with IP Camera and Recorder Pre-Configuration Services

Addressing cameras on a network can be a time consuming and costly part of any security project. With our static IP camera pre-addressing service, you can save time while on-site by simply installing the cameras, and letting us handle the network addressing challenges. With an average of 4-5 minutes addressing and verifying a single camera, this service can save you hours of on-site time while installing a security system.

- We coordinate with on-site IT administrators to assist with secure and simple system installation.
- Integrate into the existing network using pre-configured SecurityTronix equipment for a dedicated VLAN.
- Improves reliability and service with static IP addressing.
- Maximize system recording with pre-defined profiles for optimal picture quality, storage, and viewing.
- Plug-and-Play recorders with pre-set remote access.
- Configure RAID storage and backup options to improve system reliability.

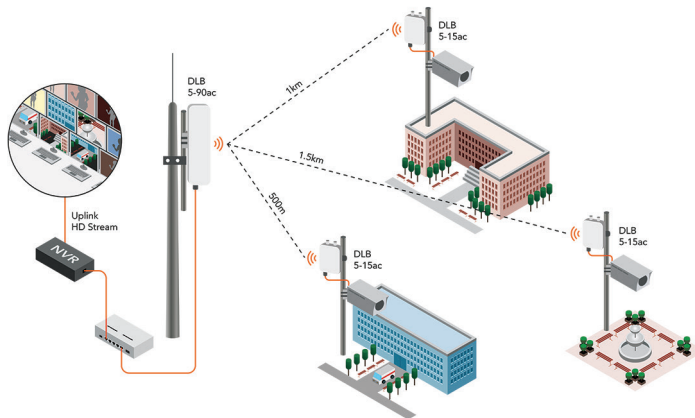
CALL TODAY!
800.460.1801

Offer Expires 06/30/24

Easily beam LAN signals between structures across your sites.

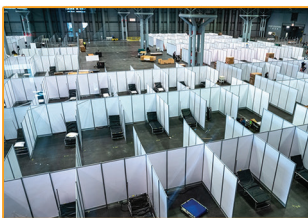


No trenches to dig. No network cables to run between buildings. Beam signals easily using microwave links. No license required.



Whether it's a fixed or temporary location, quickly deploy robust voice, data, and web connectivity across distances that far exceed the capabilities of WiFi alone. It's fast, safe, reliable and secure.

Easily provide wireless solutions for a range of projects



Disaster Recovery

Rapidly deploy video, voice, and data connectivity for emergency situations



Security

Simplify and empower your video surveillance installations



Lodging and Institutions

Provide fast, secure and reliable networking, including WiFi at hotels, hospitals, nursing homes, etc.



Enterprise

Deliver stable & secure WiFi connectivity to companies and institutions



Schools

Keep up with resource-hungry applications while providing coverage across the campus



Businesses

Simple, flexible deployment options to customize for the needs of any business



Rapid Installation

Make use of specialized LigoWave solutions for a variety of surveillance scenarios and without the headache of future-proofing the infrastructural plan.



Flexible

Simplify surveillance network setup with an intuitive GUI, proprietary installation tools, innovative mounting brackets, and PoE functionality.



Easy to Maintain

Minimize downtime by optimizing how you maintain your wireless video surveillance network with LigoWave software solutions for centralized management and troubleshooting.



Extended Coverage

Take advantage of the extended coverage capabilities of LigoWave equipment and be assured that your video surveillance infrastructure is used effectively and efficiently.



High Performance

Bring powerful hardware and activity prioritization into your wireless video surveillance infrastructure for extended capacity, minimized latency, seamless HD/UHD video, and more.



Secure

Ensure exclusive entry to your surveillance channels with multiple layers of security: credential-based access, AES-128 encryption, and management frame protection.

Let NACE Save You Time & Money On Your Next Headend Build!

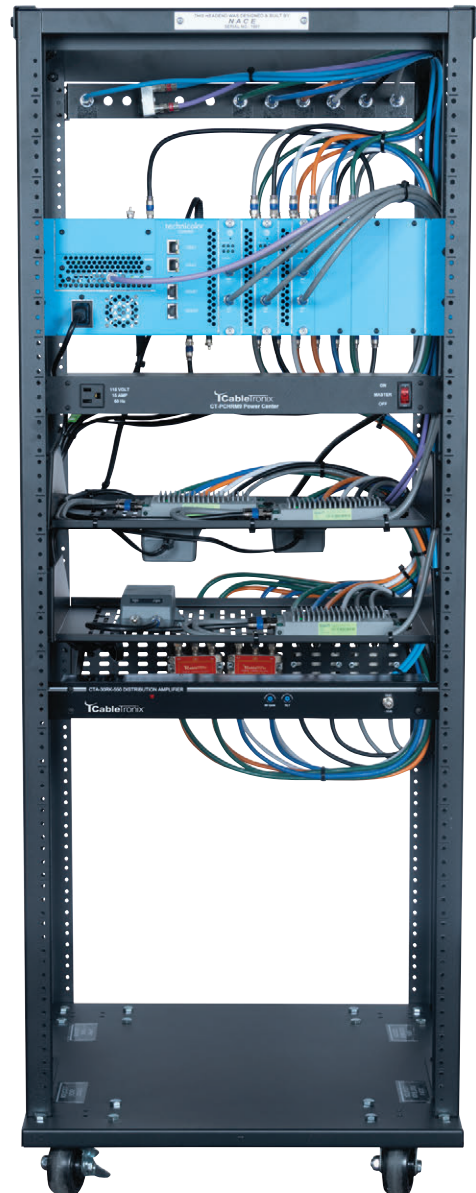
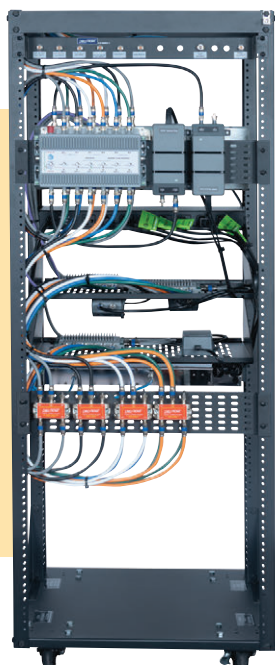
- Professional system design & assembly
- Saves time over building a system on site
- Reduce failed or missing components through advance assembly & testing

Professional Headend Assembly Service

- Saves you valuable time and money that can be used in other facets of your business
- Professionally assembled by our experienced staff
- Built with the best materials, color coded headend cable, compression F and RCA connectors
- All hand made, cut to length cabling
- No adapters
- Balanced and tested to your exact requirements
- Conveniently labeled for easy identification of all connections
- Shipped in a wooden crate with vibration-proof inner packing or on a stand up pallet for more convenient maneuvering on site.
- Headend logbook includes layout, channel line up, instruction manuals, system photos and other valuable information to keep on file
- Fast turnaround

Contact one of our sales engineers for assistance with:

- System layouts
- Channel Lineup Information
- Parts & Assembly Pricing
- Special System Needs
- IPTV Multicasting



System & Signal Distribution Assistance Available!

Rack Interface Plates - CT-RIPU1-SHIP-DT



Perfect for organizing all of your headend inputs and outputs in one convenient location on your equipment rack. Clearly labeled to save time and avoid confusion. Can be rack mounted or mounted on the top back of a rack with a rear rail kit.

Add DIRECTV HD Programming to your Commercial Lodging or Institution Satellite Television Systems

COM3000 Satellite Video Management System for Commercial Lodging or Institution Markets

Features

- From 8 to 138 channels of HD content in one chassis
- Pro:Idiom™ or Pro:Idiom™ Mobile content protection for HD broadcasts
- Two QAM4 slots for up to 96-channels of QAM output
- Interactive On-screen Program Guide at no extra cost, when used with an approved set top box
- Simultaneous QAM or IP output for a variety of applications
- Less than 225 watts of power consumption measured on a typical 69 channel system



Compact Form Factor

The COM3000 offers from 8 to 138 channels of HD reception and two integrated EdgeQAM's in only 3 units of rack space. This compact design also results in dramatic power savings from typical stacked receiver solutions.

Pro:Idiom™ & Pro:Idiom™ Mobile Encryption

For High-Definition solutions which require encryption, the COM51 HD receiver blades include options for Pro:Idiom™ and Pro:Idiom™ Mobile encryption of the HD content which can be played back on any Pro:Idiom™ or Pro:Idiom™ Mobile device.

Integrated EdgeQAM's

Available as a plug-in module, the QAM4 and available SWQAM2 licenses reduce overall system cost and simplify the installation and maintenance for the COM3000. The two QAM4 slots in the new COM400 chassis support up to 96 channels of QAM output.

- Remote management & configuration
- Flexible COM51 Tuner license for improved per channel cost in various configurations
- NACE offers extended warranties for the COM3000, inquire for pricing.

Interactive Program Guide & PSIP Data

When used with a set top box, The COM3000 can generate a guide including external channels at no additional monthly room charge to the property. The COM3000 can also deliver PSIP data in an "On Now/ On Next" format for TV banners to display program data for content being played. Channel names and custom channel numbers can also be set and displayed through this PSIP data.

Remote Management

The COM3000 including all the receiver blades and EdgeQAM can be managed and monitored remotely over the Internet or local network using a simple web-browser based management interface.

NACE offers extended warranties for the COM3000, inquire for pricing.



**Compatible with the DIRECTV
Advanced Entertainment Platform (AEP)**

Add DIRECTV HD Programming to your Commercial Lodging or Institution Satellite Television Systems

COM3000 Satellite Video Management System for Commercial Lodging or Institution Markets

CORE COMPONENTS

COM400 Chassis

- Chassis design with integrated 10 Gigabit Ethernet backplane
- Less than 225W power consumption (for a standard 69 channel system)
- Integrated dual cooling exhaust fans
- 3RU Chassis, (5.25"H x 19"W x 13"D)
- Holds up to 6 COM51 or COM50 blades
- Holds up to 2 QAM4 EdgeQAM modulators



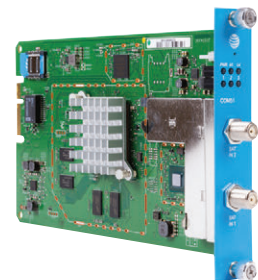
COM421 Chassis

- Cost effective 1 RU slim chassis (1.75"H x 19"W x 13"D)
- Supports 8 to 46 DIRECTV Channels
- Two COM51/50 Receiver Card slots
- 1 QAM4 slot
- Two 1 GB Ethernet Ports
- External Power Brick
- Quiet Fans



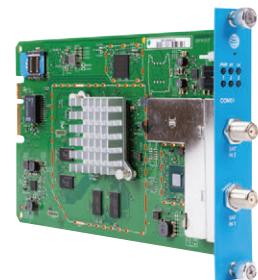
COM51 Tuner Blade & SWCOM51 Upgrade Licenses

- COM51 Base units contain 8 integrated tuners
- SWCOM51 Single tuner licenses can be purchased to increase the blade capacity to 23 tuners
- SW46IP-SP IP Upgrade license required to enable IP output
- UDP/RTP Video outputs
- Pro:Idiom™ content protection
- Pro:Idiom Mobile™ content protection
- 2 DSWM Inputs
- LED Status indicators



COM50 Tuner Blade & SWCOM51 Upgrade Licenses

- Cost reduced solution for RLSHD+ approved markets
- Does not support Pro:Idiom or Premium Channels
- RLSHD+ existing approval process required for COM50
- Base unit contain 8 integrated tuners
- SWCOM51 Single tuner license can also be applied to a max of 23 tuners
- UDP/RTP Video outputs
- 2 DSWM Inputs
- LED Status indicators



QAM4 EdgeQAM Modulator & SWQAM-2 Upgrade Licenses

- QAM4 Base units contain 4 QAM channels
- SWQAM-2 Two channel licenses can be purchased to increase the modulator capacity to 48 channels
- Supports up to 3 HD or 8 SD programs per QAM channel
- Able to mix HD and SD content on any QAM channel
- Accepts MPEG over IP content from external sources



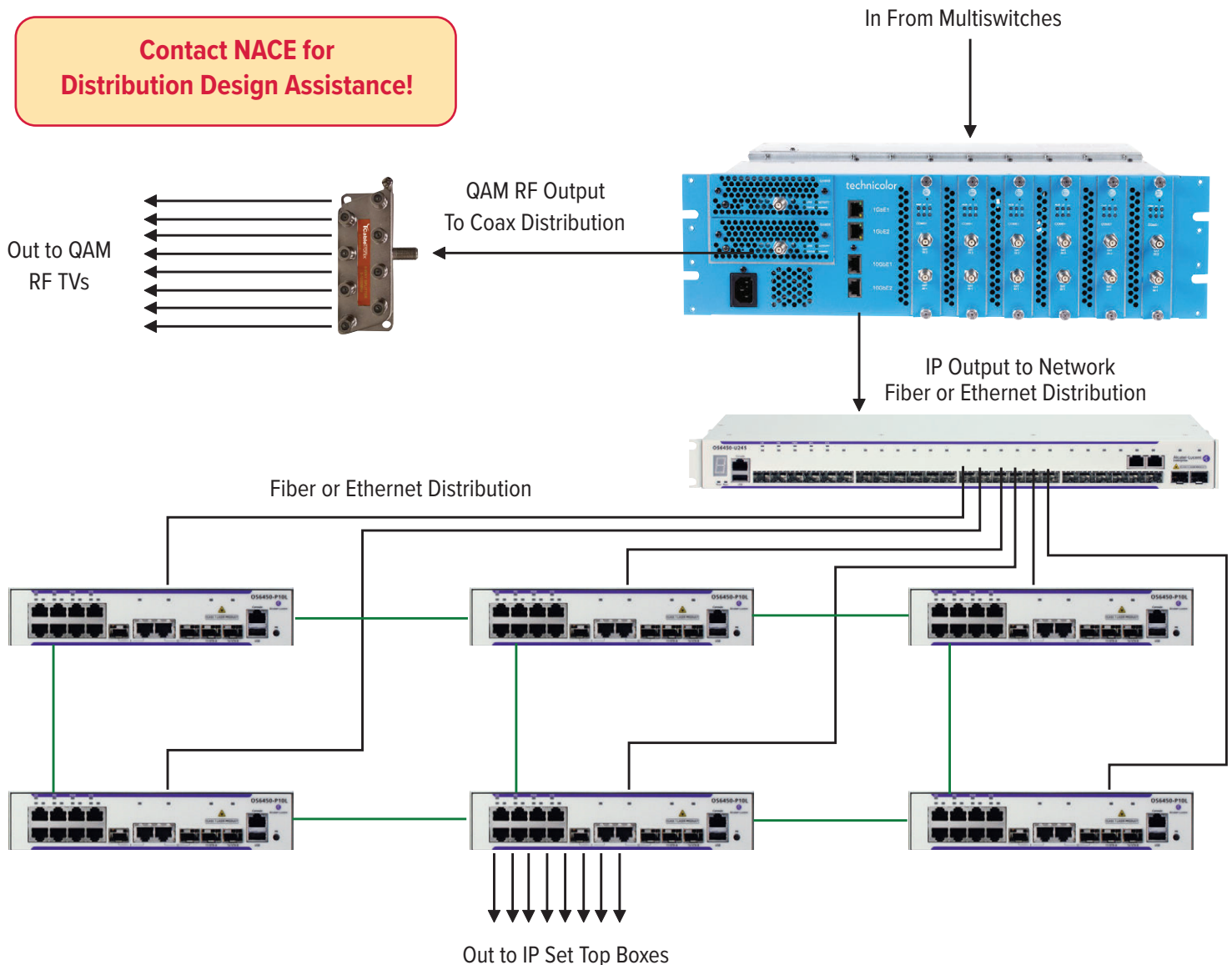
Distribute DIRECTV HD Programming to your Property Via IP or QAM

COM3000 Satellite Video Management System for
Commercial Lodging or Institution Markets

Features

- From 8 to 138 channels of HD content in one chassis
- Pro:Idiom™ or Pro:Idiom™ Mobile content protection for HD broadcasts
- Two QAM4 slots for up to 96-channels of QAM output
- Interactive On-screen Program Guide at no extra cost, when used with an approved set top box
- Simultaneous QAM or IP output for a variety of applications
- Less than 225 watts of power consumption measured on a typical 69 channel system
- Remote management & configuration
- Flexible COM51 Tuner license for improved per channel cost in various configurations

Contact NACE for
Distribution Design Assistance!



Receiver-Less HD Plus

For Institution Satellite Television Systems - No Pro:Idiom Tv's Needed

Introducing a new solution for institution TV distribution!

Receiver-Less HD PLUS

What is it?

- Headend based solution delivering HD content directly to TVs

What does it do?

- Eliminates the need for specialized security decryptors (Pro:Idiom TVs or STBs) in each room

Business Rules/Approved Segments

- Institutions - Senior/Assisted Living, Hospital/Healthcare facilities, Prisons, RV Parks, Marinas, On-Campus University Student Housing, Purpose Built Off-Campus University Student Housing
- Commercial - Stadiums, Fitness Centers

Programming Restrictions

- NO PREMIUMS

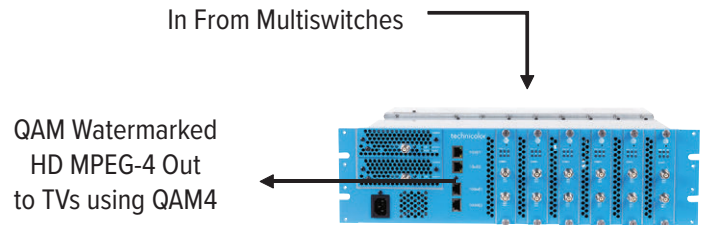
Documentation

- Executed Content Protection Addendum and uploaded to SFDC

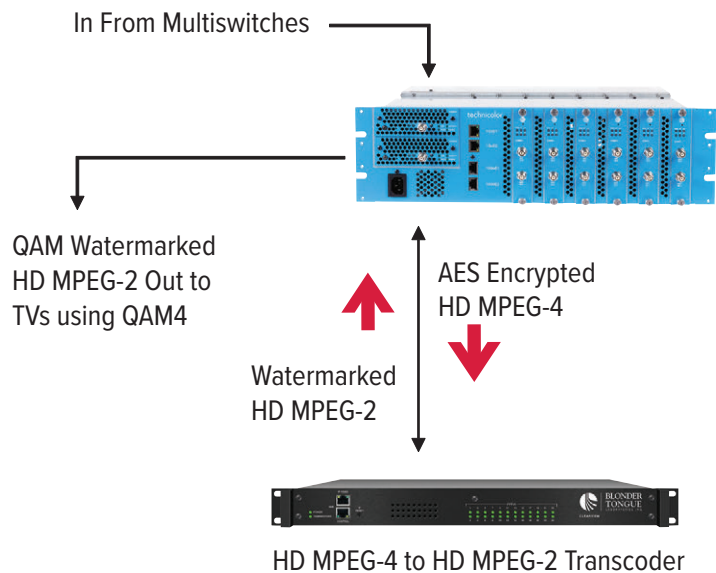
Approved Technology

- COM2000 with COM46 software version 03.03.91 or higher
- COM3000 with COM51 software version 04.01.27 or higher
- Blonder Tongue Clearview 4:2

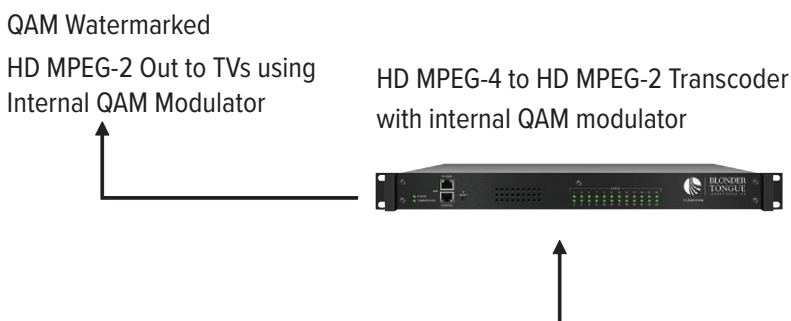
Installation with MPEG-4 TVs with COM3000 or COM2000



Installation with MPEG-2 TVs with COM3000



Installation with MPEG-2 TVs With COM2000





Clearview 4-2 H.264 to MPEG-2 HD Transcoder

- Unicast IP input that supports up to 24 SPTS H.264 HD programs
- Unicast IP output supports up to 24 SPTS MPEG-2 HD programs
- Decrypts Vantiva's AES-128 encrypted H.264 video content
- Preserves Vantiva's embedded watermarking on outbound MPEG-2 video content
- Easy-to-use GUI for monitoring & control
- 24 front panel Status LEDs, one for each program stream
- Front panel Temperature LED



The Clearview 4-2 can Transcode up to twenty-four HD or SD programs from H.264 to MPEG-2 in a 1RU form factor. The unit accepts Unicast H.264 IP transport streams and re-encodes the video content to MPEG-2 transport streams for IP Unicast delivery.

Blonder Tongue's cutting edge video compression technology supports low video bit rates while maintaining high picture quality. The Clearview 4-2 provides an easy to use interface and the ability to download and upload a configuration file for multi-unit deployments.

This unit can also be configured to receive up to twenty-four H.264 AES-128 encrypted IP channels from Vantiva COM3000/2000 devices. The Clearview 4-2 decrypts the AES-128 content, Transcodes the decrypted H.264 content into MPEG-2, while preserving the "forensic watermarking" and returns the content to the Vantiva COM3000/2000 devices.

Model No. Clearview 4-2 Call for Pricing

Clearview 4-2-12 12 Channel MPEG-4 to MPEG-2 High Def. IP Transcoder

- H.264 to MPEG-2 Transcodes up to 12 HD or SD programs
- Full 1080p HD support, IP input to IP output
- Compatible with Vantiva's COM3000 DirecTV receivers



The Clearview™ 4-2-12 is a professional grade, low-cost-per-stream Transcoder that transcodes up to twelve HD or SD programs from H.264/MPEG-4 to MPEG-2 in a 1RU form factor. The Clearview 4-2-12 accepts Unicast H.264 IP transport streams and re-encodes the video content to MPEG-2 transport streams for IP Unicast delivery.

All Clearview™ products are hardware based, for ultra-high reliability service life, with video compression technology supporting low video bit rates and high picture quality. The product line provides an easy-to-use interface, capable of downloading and uploading configuration files for multi-unit deployments.

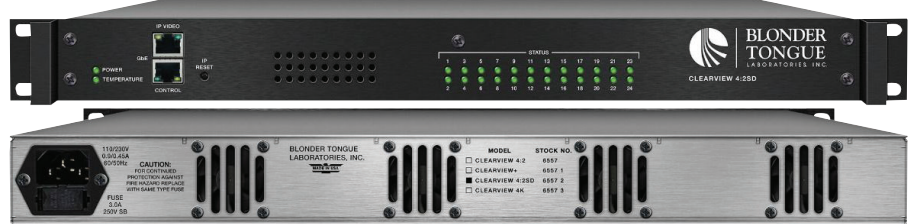
Clearview 4-2-12 can be configured to receive up to twelve H.264 AES-128 encrypted IP channels from Vantiva COM3000/2000 satellite receivers. The Clearview 4-2-12 decrypts the AES-128 content and Transcodes the decrypted H.264 content into MPEG-2, while preserving the DIRECTV "forensic watermarking" and returns the content to the Vantiva COM3000/2000 devices.

Model No. Clearview 4-2-12 Call for Pricing



Clearview 4-2-STDDEF 24 Channel MPEG-4 to SD (480i) MPEG-2 IP Transcoder

- H.264 to MPEG-2 Transcodes up to 24 HD or SD programs
- Accepts HD/SD input, IP input to IP output
- Compatible with Vantiva's COM3000 DirecTV receivers



The Clearview™ 4-2-STDDEF is a professional grade low-cost-per-stream video Transcoder, designed to Transcode up to twenty-four HD or SD programs from H.264/MPEG-4 sources to SD MPEG-2 output in a 1RU form factor. The unit accepts Unicast H.264 video, over IP transport streams and re-encodes the video content to SD MPEG-2 video, over transport streams for IP Unicast delivery.

All Clearview™ products are hardware based, for ultra-high reliability service life, with video compression technology supporting low video bit rates and high picture quality. The product line provides an easy-to-use interface, capable of downloading and uploading configuration files for multi-unit deployments.

Clearview 4-2-STDDEF can be configured to receive up to twenty-four H.264 AES-128 encrypted IP channels from Vantiva's COM3000/2000 satellite receivers. The Clearview 4:2 SD decrypts the AES-128 content, Transcodes the decrypted HD or SD H.264 content into SD MPEG-2, while preserving DirecTV “forensic watermarking” and returns the content to the Vantiva COM3000/2000 devices.

Model No. Clearview 4-2-STDDEF Call for Pricing

Input			
Models	Clearview 4-2	Clearview 4-2-12	Clearview 4-2-STDDEF
IP			
Connector	1 x Front Panel RJ45 (IP Video Port, Input/Output)		
Standard	1000Base-T (GbE)		
Protocols Supported	UDP/IP	UDP	UDP/IP
Stream Protocols			
Standard	ISO/IEC 13818-1		
Decryption	AES-128		
TS Packet Length	188 bytes		
Sync Rate	0 x 47		
Bit Rate	Constant	Constant or VBR	Constant or VBR
No. of TS Supported	24 SPTS	12 SPTS	24 SPTS
CODEC	H.264	H.264, MPEG-4, AVC	
Input Resolutions	480i (30 FPS), 720p (60 FPS), 1080i (30 FPS), 1080p (30/60 FPS)		
Audio	Pass-through		
Routing Protocol	Unicast		

Alarms and Monitoring	
Local Monitoring	1x Power LED, 1x Temperature LED, 24x Status LEDs
Local Control	1x IP Reset button
Remote Monitoring/Control	1x RJ45 (1000Base-T GbE)

Output			
Models	Clearview 4-2	Clearview 4-2-12	Clearview 4-2-STDDEF
IP			
Connector	1 x Front Panel RJ45 (IP Video Port, Input/Output)		
Standard	1000Base-T (GbE)		
Protocols Supported	UDP		
Stream Protocols			
Standard	ISO/IEC 13818-1		
Decryption	Watermarking		
TS Packet Length	188 bytes		
Sync Rate	0 x 47		
Bit Rate	Constant		
# of TS Supported	24 SPTS	12 SPTS	24 SPTS
CODEC	MPEG-2		
Input Resolutions	480i (30 FPS), 720p (60 FPS), 1080i (30 FPS), 1080p (30/60 FPS)		480i (30 FPS)
Audio	Pass-through		
Routing Protocol	Unicast		

General Specifications			
Dimensions	19.0 x 19.2 x 1.75" (438 x 488 x 45mm)		
Power	110-230 VAC, 1.0/0.5A, 60/50 Hz		
Power consumption	60 W	60 W	64 W
Weight	9.5 lbs (4.31 kg)		
Operating Temp	32 to 122°F (0 to 50°C)		
Storage Temp	-13 to 158°F (-25 to 70°C)		
Operating Humidity	0 to 95% RH @ 35°C max, non-condensation		

NXG Modular IP Video System

Blonder Tongue's NXG Video Delivery System solutions are highly customizable, module-based IP digital video processing platforms designed for delivering next-generation video services on any generation of coax or ethernet wiring without replacing existing infrastructure. The carrier-grade, 5-rack unit NXG Platform features hot-swappable blades for complete customization to meet the specific technological needs of any broadcast facility or enterprise location, including hospitality, educational, MDU residential, healthcare, business parks, or stadiums.

The NXG System Kit

- IP routing and traffic management
- System configuration and management via a powerful Linux-based monitoring and control system
- Module interconnection via 60 Gbps capacity high-speed backplane
- Hot-Swappable Power Supplies and Fans
- Distributes DC power to various sections and modules via 2 fully-redundant power supplies

The NXG System Kit, containing the Mainframe Chassis, Controller Module, and Power Supply, is a powerful 5RU set up that allows for complete customization based on specific technological needs.

A. Model No. NXG-SYSTEM KIT Call for Pricing

NXG 5RU Chassis Mainframe

- Chassis and module based system, not to be used as standalone item
- Chassis requires NXG-CNTRL control module, sold separately

The NXG-MFR mainframe is a rack mounted 5 RU chassis offering up to 12 slots for NexGen Gateway insert modules to be seated. This unit features a 60 Gb capacity backplane with ventilation fans and filters.

B. Model No. NXG-MFR Call for Pricing



	Models	Type	Description	Price
C	NXG-CCQD-24	Cable Card Insert, QAM Modulation Module	The NXG-CCQD-24 module is capable of tuning any twenty-four QAM channels from 54-1,002 MHz, and will decrypt any MediaCipher, PowerKey, or NDS encryption, based upon the customer-installed CableCARDs.	Call for Pricing
D	NXG-CQAM-32	Clear QAM Input Module, 32 Channel	The NXG-CQAM-32 input module includes multiple full band capture QAM tuners to provide ingest of up to thirty-two programs from the incoming cable system. The NXG-CQAM-32 module is capable of tuning any twenty-four clear QAM input channels from 54-1,002 MHz.	Call for Pricing
E	NXG-SDI4	SDI Encoder Module	The NXG-SDI4 module will encode up to (4) channels in MPEG-2, H.254 (AVC), or H.265 (HEVC) video to IP SPTS onto the NXG mainframe backplane for further NXG processing with optional QAM modulation, DRM/CAS, or IPTV multicast or unicast output.	Call for Pricing
F	NXG-HDMI4	HDMI Encoder Module	The NXG-HDMI4 encoder module occupies one slot within the NXG platform modular headend chassis. The NXG-HDMI4 supports the ingest of SD and HD content from source resolutions up to 1080p60. H.265 (HEVC), H.264 (AVC), or MPEG-2 encoding formats are supported in all major resolutions from (480i to 1080p60). Output formats are IP/SPTS onto the NXG 100% digital IP backplane for further NXG processing, including optional QAM modulation, DRM/CAS, or IPTV multicast/unicast output.	Call for Pricing
G	NXG-IP	IP (SPTS) Input Module	The NXG-IP provides IP input and output connectivity to the NXG backplane. The NXG-IP module accepts incoming MPEG2 or H.264 IP transport stream in an SPTS (single program transport stream) format. The module supports up to 256 SPTS per (1)Gb RJ45 ethernet port. Full duplex for a total capacity of up to 1,024 SPTS inputs, and (1,024) outputs per module.	Call for Pricing
H	NXG-CNTRL	Control Module	The NXG-CNTRL is a master controller module, and utilizes a 10 GbE data port for distribution of IP streams to all modules as needed, and controls the entire platform.	Call for Pricing
I	NXG-PS	Power Supply	The NXG-PS is the power supply required for operation of the NXG gateway mainframe and related parts, user note 2 NSX-PS are required for system power supply redundancy.	Call for Pricing

NXG Service Level Agreement - Standard

The NXG-SLA-STD is a NXG product service level agreement completed between the customer and product manufacturer. This support is eligible Monday through Friday, 9:00am to 9:00pm EST.
Model No. NXG-SLA-STD Call for Pricing

NXG Service Level Agreement

The NXG-SLA-BUSHR is a NXG product service level agreement completed between the customer and product manufacturer. This support is eligible Monday through Friday, 9:00am to 5:00pm EST.
Model No. NXG-SLA-BUSHR Call for Pricing

COM3000 Technical Support

NACE strives to support our dealer network with top notch technical services in a constantly changing and progressing digital marketplace. In an effort to compliment our technical training classes, we provide telephone and or VPN support at an hourly rate.

The NACE Pre-purchased Technical Support Package is also available for dealers who would like the peace of mind that is offered by purchasing blocks of COM3000 technical support in advance. By purchasing this technical support in advance, dealers are able to save money over the hourly charge as well as quantifying a predetermined cost that can be added to system pricing before quoting the customer. Contact your sales representative today for more information.



NACE's Technical Support per Hour Rates

Purchased	Support	Rates
Unracked System Components	COM3000 Telephone or VPN support	\$80 per hour billed in 15 minute increments at \$20 per 15 minutes.
Racked Systems No NACE Training		Free for 1st hour then \$80 per hour billed in 15 minute increments at \$20 per 15 minutes
Racked Systems with Completion of NACE Training		Free for first 3 hours then \$80 per hour billed in 15 minute increments at \$20 per 15 minutes.

NACE's Technical Support Pre-purchased Package Rates

Purchased	Support	Rates
5 hours Pre-Purchased Package	COM3000 Telephone or VPN support	\$300.00
10 hours Pre-Purchased Package		\$600.00

Our Technical Support is available 24/7/365

800.688.9282

After Hours Phone Numbers

Nevada Lab After Hours:	484.401.6004
Pennsylvania Lab After Hours:	484.889.8911
D.R.E. After Hours:	702.817.8939
DIRECTV Support After Hours:	484.653.8745

Set Top Box, Visium, QAM or IP Input, Pro:Idiom Decryptor Set-Top Box, HDMI 2.0 HDCP V2.2 Output



- Compact Size: 2.7" x 4.3" x .9"
 - QAM and IP video ingest compatible
 - Customizable IPG & UI with approved cloud portal access
 - 802.11 b/g/n WiFi module for IPG updates, configuration, monitoring
- Set-back security adapter designed to enable DIRECTV providers to deliver encrypted video to properties lacking Pro:Idiom capable commercial MPEG4 displays. Features an Integrated Program Guide (IPG), QAM and IPTV compatible, HDMI (2.0) output with HDCP encryption, includes prism style IR extender, programmable remote control, and power supply. Purchase price includes 6 year license for online cloud management portal, an additional yearly fee will apply after year 6.

Set Top Box

Model No. VSBB100-OFFLINE Call for Pricing

LG Set Top Box, IP, Pro:Idiom Set-Top Box, LG Electronics Procentric Smart IPTV Platform



- Embedded PRO:IDIOM decryption for non-PRO:IDIOM displays
- Pro:Centric application support for non-Pro:Centric displays
- HDMI, Control, (RS-232 and MPI/MTI), composite A/V adapter
- Interfaces: Optical digital audio out, HDMI in/out, composite A/V in, USB, LAN, RS-232, MPI/MTI television control interfaces
- PRISM-38-3-S Infrared target

The STB-6500 is the latest Pro:Centric smart set top box now supporting Ultra High Definition (UHD) video decoding and output resolution, plus a integrated 4K picture upscaler of full HD content on the HDMI/USB inputs. The STB-6500 platform enables LG partners to deliver applications that optimize the guest experience which include: bluetooth sound sync, smart applications, soft access point, simple mobile device pairing. The CR4-B clean anti-microbial remote control for guestroom usage is sold separately.

Model No. STB-6500 Call for Pricing

Infrared Target Cable, 3.5mm To Infrared Target, 1 Meter Detachable Cable



Stealth remote Prism, is mounted behind the TV, guaranteed not to look like a camera, and also will function better than the existing camera like IR Receivers. The Stealth remote Prism is now available for DIRECTV Residential Experience (DRE) as well as cable and other VOD solutions.

Model No. PRISM-38-3-S Call for Pricing

Video Management System for Bars & Restaurants

MEDIATUNE

HD Switched Matrix System For DIRECTV

Mediatune presents a fundamental shift in how you might typically think about controlling a video distribution system. RF distribution systems provide a fixed channel line-up allowing each TV to tune through channels. In a Mediatune configuration, each TV is set to a fixed QAM channel and the source is switched.

The control interface then allows you to search through the entire DIRECTV™ channel package to select the desired programming, and then place that programming on the desired TV to watch. You can watch the same content on all the TVs, or depending on how many tuners are in the system, each TV can have its own tuner allowing each TV to watch a different source channel.

Features

- Up to 70 unique video outputs with unlimited DIRECTV, ATSC, or external content inputs.
- Original DIRECTV™ broadcast quality content delivered over QAM distribution. No signal transcoding, encoding or other signal manipulation which can degrade quality.
- Pro:Idiom™ protected video to ensure copy protection is maintained all the way to television display.
- Simple to install, easy to manage, less than half the size and cost of a traditional switched matrix video system using stacked receivers.
- 4K Ultra HD capable. Delivers all DIRECTV™ 4K Ultra HD programming to 4K Ultra HD capable TV sets

MEDIATUNE Components

COM51 – HD Receiver Blade

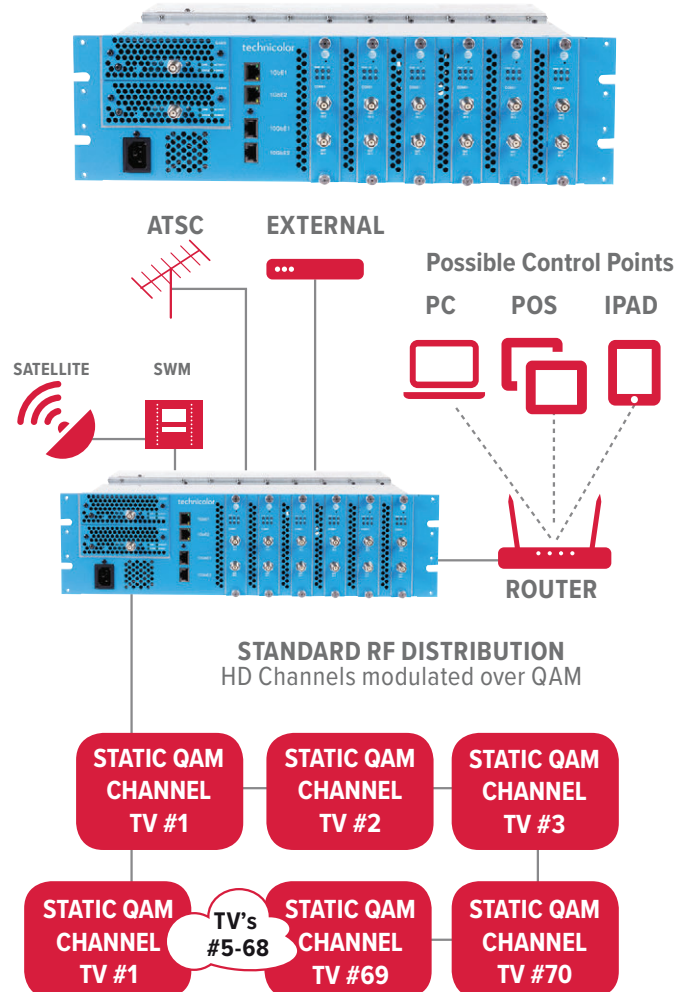
- 8 HD DIRECTV™ tuners (upgradeable to 23)
- Pro:Idiom content protection
- Up to 6 cards can fit into a COM400 chassis

QAM4 – 16 x 256 EdgeQAM

- 16 channel EdgeQAM upgradeable to as many as 48 channels
- Supports 2 HD streams per QAM channel*
- 2 QAM4's can fit into a COM400

Mediatune, 4K UHD Commercial Satellite VMS Add-On To Com3000 Headend System

Model No. SWMT **Call for Pricing**



Mediatune IP Endpoint license for endpoints 11 and above (priced per endpoint)

Model No. SWMT-IP-11+ **Call for Pricing**



Clearview NTSC-16 COM2000/COM3000 Modulator

- Creates a 16 NTSC RF analog modulated channel lineup
- Decodes MPEG-2, H.264, and H.265 video content
- Dolby® Digital AC3, AAC, MPEG1-Layer2, MP3 audio decode
- Line 21 Closed Caption EIA 608 pass through
- Supports AFD or Manual aspect ratio config., 4:3 or 16:9



The Clearview NTSC16 is a cutting-edge 1 RU, multi-channel digital to RF analog synthesizer, designed to convert up to 16 HD or SD programs and the primary audio channel to 16 NTSC modulated RF analog channels.

The Clearview NTSC16 can input MPEG-2, MPEG-4/H.264 (AVC), or H.265 (HEVC) formats from an IP transport stream. Each IP MPEG transport stream is decoded, NTSC synthesized, and modulated to an STD, IRC, or HFC RF analog channel. All (16) NTSC channels are agile within a 208 MHz frequency block. Users may place the 208 MHz block anywhere within the 54-1002 MHz frequency span.

Model No. CLEARVIEW NTSC-16 Call for Pricing



24 Channel IP to Analog Modulator Field Upgradeable to 32 Channels

- 2 Gigabit Ethernet ports (max 64 IP input over MPTS/SPTS), Max 840Mbps for each Gigabit Ethernet input
- Supports MPEG-2, MPEG-4, H.264 or H.265 Transport Stream (TS) Decapsulation
- Processing of up to 24 (upgradeable to 32 channels) IP multicast groups from a Gigabit Ethernet MPEG TS into up to 24 (upgradeable to 32) standard NTSC TV programs
- Supports Web-based Network management which allows for remote tuning of source streams and NTSC channel outputs



The DataTronix DT-NTSC-24 takes digital video signals from an IP source, such as a COM3000 or DT-ATSC-IP-8V2 and converts the IP source to analog modulated NTSC TV channels. This unit can output up to 24 NTSC channels, field upgradeable to 32 channels. It solves a common problem for senior living housing and any other commercial properties that may still have some analog TV's on site, or digital TV's not capable of decoding certain video formats. It can receive and decode multiple HD or SD IP video streams in either MPEG-2, MPEG-4, H.264 or H.265 format. This modulator supports numerous audio formats that can be decoded and reformatted for NTSC analog modulated TV channels.

Model No. DT-NTSC-24 Call for Pricing

32 Channel Upgrade

Model No. /M DT-NTSC-UPGD8 Call for Pricing

32 Channel NTSC/Standard Definition Output,
COM2000/COM3000 Modulator

Model No. DT-NTSC-32 Call for Pricing

Laptop Computer, Used For Remote System Connectivity, Wifi Compatible

The CT-LAPTOP is a refurbished laptop computer customized to customer specifications for needed programs and images. Common uses of this item are for customers to use while remotely troubleshooting a system with property maintenance, and for technician training.

This is a refurbished model, signs of prior use should be expected, limited warranty terms apply

Unit includes USB port, ethernet port, power supply, and battery.

Model No. CT-LAPTOP Call for Pricing



COM3000 Digital System Options for Commercial Lodging or Institution Satellite Television Systems

Advanced Entertainment Platform (AEP)

The Advanced Entertainment Platform (AEP) provides DIRECTV linear satellite and broadband over-the-top (OTT) content for an enhanced entertainment experience for your customers. This next-generation solution adds an in-room set top box, antimicrobial custom remote and cloud services to the HD COM3000 system.

Designed specifically for the hospitality, healthcare and other commercial institution markets, the Advanced Entertainment Platform Provides curated targeted content through a customizable, user-friendly interface.

Android Commercial Set Top Box

Model No. UCW4026MCS*

Basic Remote Control for UCW4026MCS

Advanced Entertainment Platform (AEP) Box.

Model No. AEP-REMOTE-STD2N

DataTronix Large Button Remote designed specifically for AEP2 Set-Top Boxes

Model No. DT-AEP2-BIGBUTTON1

Replacement Power supply for UCW4026MCS*

Model No. TCH37894780



**Contact NACE for
System Design Assistance!**



Flexible, cloud-delivered updates to meet changing market needs



Remotely manageable
no PMS integration required



Customizable home screen includes a logo, welcome message, background image and more



Streaming from personal devices
through STAYCAST™ (Sold Separately)



4K content



On demand programming through
app-based content



Add your own channels and share information
with your customers with local and over-the-air
content insertion features



Live TV: includes sports, breaking news,
hit shows and more

**Give your customers more entertainment options
and ways to consume content**

NEW

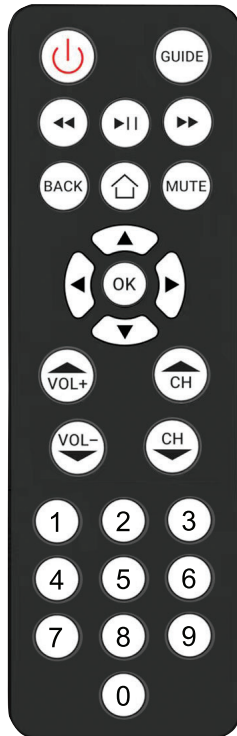
DataTronix™

DataTronix Large Button Remote designed specifically for AEP2 Set-Top Boxes

- Uses 2 AA batteries, included

Introducing the DataTronix Large Button Remote designed specifically for AEP2 Set-Top Boxes, with a focus on a user-friendly experience in senior living environments. This remote seamlessly pairs with leading television brands including Sony, Samsung, LG, Panasonic, Vizio, and more.

Model No. DT-AEP2-BIGBUTTON1 ..\$9.99



Antimicrobial, Universal Remote For Samsung, LG, Philips, Hisense, Panasonic Televisions, Black Housing Color

- Spill-proof easy clean surface
- Uses 2 AA batteries, not included with purchase of this unit

The BR100B is a universal antimicrobial remote control specified for Samsung, LG, Philips, Hisense, and Panasonic compatible displays. No menu button present to avoid guest inadvertent changes, simplified set-up and use, and features a hidden battery compartment.

A. Model No. BR100B \$5.65

Antimicrobial, For Samsung, LG, and RCA Hospitality Televisions

- Spill-proof easy clean surface
- Batteries are not included with this remote control unit

The CR4-B is an antimicrobial hospitality remote control specified for Samsung, LG, and RCA display units. New dual-band technology allows this remote control unit to be able to work with Samsung and LG units at the same time, and is also compatible with Samsung Reach and LG Pro:Centric servers units. This model features simple to use buttons and can reduce staff calls for assistance.

B. Model No. CR4-B \$9.49

Remote Control, Hospitality, For LG STB-5500 Set-Top Unit, Black Housing Color, Infra-Red Compatible

The I-HOSPSTRC02 is a replacement hospitality remote control, and is compatible with LG specialized hospitality displays. This wireless remote control makes use of the multi-function infrared technology to help switch between TV channels and control the volume and other buttons effortlessly.

C. Model No. I-HOSPSTRC02 \$25.00

Have your next analog or hybrid analog digital headend system built by NACE at a much lower cost than a full digital system

Not all TV's in your customer property may be able to receive an encrypted digital signal. Don't walk away from the opportunity to sell them a headend system. With a NACE designed and built analog headend system you can deliver all types of TV programming to any property type.



Hotels without Pro:idiom descrambling TV's



Senior living properties without MPEG4 TV's

NO PROBLEM

Contact us today and find out more.





ADVANCED ENTERTAINMENT PLATFORM CUSTOMER STAGING OPTIONS

For Unit UCW4026MCS

THE ULTIMATE TIER

\$15.00 Surcharge/Unit

Services Included in the Ultimate Tier per COM3000 with AEP Purchase:

- Application of Pro:Idiom Mobile encryption key to COM51 unit(s)
- Access and register system within distributor DIRECTV monitoring dashboard
- Completion and confirmation of registration of COM51 unit(s)
- Performance of serial number audit comparing unit housing serial number versus serial number on packaging
- Testing and confirmation of unit WIFI radio operability
- Configuration of unit SSID information for further integration with Alcatel WIFI access points
- Confirmation of serial number registration per UCW4026MCS unit
- Perform and update any available firmware updates
- Testing of interactive program guide (IPG) per unit(s)
- Testing of HDMI streaming output by connecting unit to a test display
- Log into dealer portal and conduct property home screen customization

Note to dealers, credentials will be required to be supplied for this last step.

THE DELUXE TIER

\$10.00 Surcharge/Unit

Services Included in the Deluxe Tier per COM3000 with AEP Purchase:

- Application of Pro:Idiom Mobile encryption key to COM51 unit(s)
- Access and register system within distributor DIRECTV monitoring dashboard
- Completion and confirmation of registration of COM51 unit(s)
- Performance of serial number audit comparing unit housing serial number versus serial number on packaging
- Testing and confirmation of unit WIFI radio operability
- Configuration of unit SSID information for further integration with Alcatel WIFI access points
- Confirmation of serial number registration per UCW4026MCS unit
- Perform and update any available firmware updates
- Testing of interactive program guide (IPG) per unit(s)
- Testing of HDMI streaming output by connecting unit to a test display

Services Not Included in the Deluxe Tier

- Log into dealer portal and conduct property home screen customization

THE BASIC TIER

\$1.50 Surcharge/Unit

Services Included in the Basic Tier per COM3000 with AEP Purchase:

- Application of Pro:Idiom Mobile encryption key to COM51 unit(s)
- Access and register system within distributor DIRECTV monitoring dashboard
- Completion and confirmation of registration of COM51 unit(s)
- Testing of HDMI streaming output by connecting unit to a test display

Services Not Included in the Basic Tier

- Performance of serial number audit comparing unit housing serial number versus serial number on packaging
- Testing and confirmation of unit WIFI radio operability
- Configuration of unit SSID information for further integration with Alcatel WIFI access points
- Confirmation of serial number registration per UCW4026MCS unit
- Perform and update any available firmware updates
- Testing of interactive program guide (IPG) per unit(s)
- Log into dealer portal and conduct property home screen customization

800.688.9282

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NACEConnect Business TV

Your Master System Operator for
Commercial, Lodging, and Institutions

NACEConnect Business TV Advantages

- Authorization to represent one of the most recognizable brands in the industry
- Frequent incentive promotions exclusively from NACE give you an advantage over competitors
- No minimum activation requirements
- 24/7/365 Administrative & Technical Support
- Marketing programs available to market your business
- Training & support for running a DIRECTV business model
- Equipment financing options
- Three fully stocked warehouses across the country
- Three assembly labs nationwide for fast delivery
- System design assistance with itemized quotations & parts lists

COMMISSIONS PAID
FOR MANAGED INTERNET & TV CONTENT SOLUTIONS

DIRECTV® Receiver Buy-down Program

Ask About Our Receiver Buy-down Program Available For Lodging & Institution and Commercial Systems



PERSONALIZED ONE-ON-ONE PROGRAMMING SUPPORT
Las Vegas, NV | St Peters, MO | West Chester, PA



**Let's
Connect**

Jeffrey Lawton
Director of Channel Services

jlawton@nace.tv

702-329-3211



**NACEConnect
Business TV**

QAM+ASI+IP Video Streamers

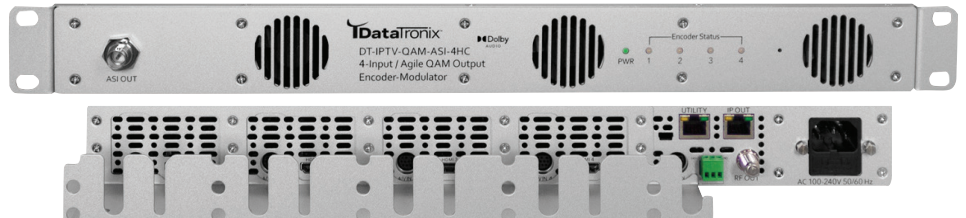
Insert HD content into coaxial and IP distribution networks

Features for All Models

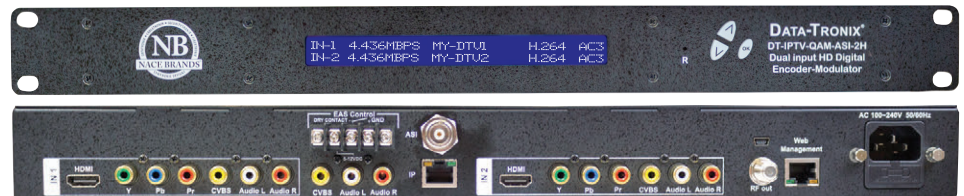
- High resolution up to 1080i (MPEG-2)/1080p (H.264)
- VCN modes (Virtual Channel Number)
- GUI for easy setup and control
- HDMI, Component/Composite inputs via DIN cable
- MPEG-2 or H.264 (AVC) Video (selectable) output
- EAS functionality
- Closed captioning support
- +40 dBmV RF Output
- Rack mountable 1RU height



DT-IPTV-QAM-ASI-8HCW 8 High Quality HD QAM/IP/ASI output channels



DT-IPTV-QAM-ASI-4HC 4 High Quality HD/SD QAM/IP/ASI output channels



DT-IPTV-QAM-ASI-2H 2 High Quality HD QAM/IP/ASI output channels

DT-IPTV-QAM-ASI-8HCW

8 Input HD Digital Encoder-Modulator

The 8 Input Encoder/Modulators simultaneously provide an RF QAM, ASI, and multicast/unicast IP output making it a perfect fit for commercial RF/IP distributions. This 8 input unit delivers high quality HD video via its 4 QAM256 RF carriers or 8 individual SPTS IP streams. Robust design allows for resolutions up to 1080p for action-packed movies and fast action sports to any HDTV. A Web browser GUI allows for easy control of all 8 HDMI or Component/Composite inputs via DIN cable encoded/modulated on RF/IP carriers in MPEG-2 or H.264 format.

DT-IPTV-QAM-ASI-8HCW Features

- 4 Frequency Independent QAM outputs (2 video programs per QAM-Typical)
- Up to 8 selectable SPTS IP streams
- Up to 8 selectable ASI streams with MPTS output
- 40dB typical MER

DT-IPTV-QAM-ASI-4HC

4 Input Independent Output Allocation Encoder-Modulator with ASI

The 4 Input Encoder/Modulator provides a dynamic independent DVB-C Annex B QAM output along with 4 IP and ASI (MPTS) streams making it ideal for any commercial RF system. The high quality HD design allows for watching action packed movies and sports channels on any HDTV. The DT-IPTV-QAM-ASI-4HC Encoder/Modulator is a feature rich Digital Encoding platform allowing it to be deployed in a variety of installations. This space saving design delivers up to 4 High Quality HD/SD QAM channels in a single 1RU space.

DT-IPTV-QAM-ASI-4HC Features

- Integrated connection strain relief manager
- 2 Frequency Independent QAM outputs
- Up to 4 selectable SPTS IP streams
- Up to 4 selectable ASI streams with MPTS output
- 43dB typical MER

DT-IPTV-QAM-ASI-2H

Dual Input HD Digital Encoder-Modulator with ASI

The Dual Input Encoder/Modulators simultaneously provide a QAM, ASI, and IP output stream making it ideal for any Commercial RF or IP Networks. The high quality HD design allows for watching action packed movies and sports channels on any HDTV. The space saving design delivers 2 High Quality HD QAM/IP/ASI channels in a single 1RU space.

DT-IPTV-QAM-ASI-2H Features

- Front panel LCD Display for easy installation
- Composite, Component, and HDMI (unencrypted) inputs
- Selectable Constellation

Breakout Cable, Dt-Iptv Interconnect Cable

DT-IPTV-QAM-DINCABLE

Call for Pricing



12-Channel Audio/Video to SD Digital Encoder QAM Modulator

Features

- 3 VCN (Virtual Channel Number) modes
- Easy setup and control using a standard web browser
- 12 individual sets of RCA inputs, no adapters required
- Simultaneous QAM and IP outputs
- 4 frequency independent QAM outputs
- 12 Unicast/Multicast SPTS streams

The DT-IPTV-QAM-12C-SD encodes and modulates 12SD sources to a QAM output along with 12 IP streams making it ideal to insert standard-definition digital video programming into any commercial RF or IP system. The DT-IPTV-QAM-12C-SD Encoder/Modulator is ideal for properties that need an affordable way to distribute video content to a large number of displays. Ideal applications include hotels, restaurants, sports bars, fitness centers, schools and institutions. Multiple units can be stacked to create a headend that will support up to 110 channels on an RF distribution network. This space saving design delivers up to 12 Standard Definition QAM channels in a single 1RU space.

Model No. DT-IPTV-QAM-12C-SD..... Call for Pricing

Video / Audio Input		Output	
Composite		QAM	
Video	12 RCA jacks	Output Connection	1x "F" female
Audio	12 Pair of RCA jacks	QAM	4 Independent QAM-B
Video/ Audio Encoding Profile		Standard	12 Pair of RCA jacks
Video		RF Mode	MPEG-2 CBR/H.264 CBR
Video Codecs	MPEG-2 CBR/H.264 CBR	Channel Type	SD: 1.0 to 8.0 Mbps
Bitrate (Adjustable)	SD: 1.0 to 8.0 Mbps	Interleaver	I=128, J=1~8/I=64, J=2/I=32, J=4/I=16, J=8/I=8, J=16
Resolution Output	576i / 480i	Frequency Range (Under STD Mode)	57.000 MHz to 861.000 MHz (Ch. 2 to Ch.135)
Audio		Constellation (Output Bitrate, Max)	64-QAM (26.970 Mbps), 256-QAM (38.810 Mbps)
Audio Codecs	MPEG1 Layer II, MPEG2 AAC, MPEG4 AAC /AC-3 encode	Virtual Channel Number (VCN)	Auto (Major & Minor), Manual (Major & Minor), Manual (one part)
Closed Caption		Level Adjustment	0 to 20 dB
Composite	EIA-608	Output Level	43 dBmV typical
General		Flatness Across Full Band	± 2 dB typical
Local Monitoring	13 LEDs	MER	39dB typical @ 663.0000 MHz under J.83 Annex B STD Mode
Web GUI Supported	Firefox, Chrome	Output Impedance	75 ohm
Password Protected	GUI: with default and user settable	RF Output Return Loss	10 dB typical
Power Supply	12VDC 5.42A	IP Streaming Protocol	
Consumption	32W	Number of Streams	12 SPTS
Operation Temperature	32 - +131°C (0° - +55°C)	UDP/RTP	Unicast/Multicast
Storage Temperature	-4° - +158°F (-20 - +70°C)	Standard	Web Management: 100Base-T Ethernet, Full Duplex IP Streaming Output: 1000Base-T Ethernet, Full Duplex
Dimensions	Housing: 17.24 L" x 11.25 W" x 1.74 H" 438 x 286 x 44.4 mm		
Weight	9.7 lbs. (4.39 kg)		
Language	English		

Deliver FREE Off-The-Air Channels to hotels, prisons, senior living, hospitals and more

- Your customers will still have access to off-air local channels if their satellite system goes down
- Your customers will be immune to local channel programming disputes
- Save your properties money – add Free Over-the-Air channels and the associated sub-channels to their program line-up
- Get more activations than your competitors

ATSC to QAM Converter

Features

- Accepts up to 8 RF inputs (ATSC-8VSB over-the-air or QAM)
- Up to 8 Independent QAM-B Outputs that can also carry digital sub channels
- Allows User to “Cherry Pick” Desired Programs as Needed
- Graphic User Interface for configuration
- Sources can be mapped to output QAM TV channels



- Front Panel LED Indicators
- Rack mountable 1RU height

The DataTronix DT-ATSC-QAM-8V2 allows the operator to create a custom QAM distribution system output from ATSC off-air and/or QAM input sources. This unit accepts up to eight 8VSB over-the-air channels (including sub-channels), or clear QAM sources from a CATV feed, and outputs in QAM. The outputs can be mapped to desired TV channels.

The DT-ATSC-QAM-8V2 processes most major local broadcast networks that have a second or third local channel. These channels can contain important weather-related content, local sports, or secondary programming. Integrators who operate satellite-delivered TV systems will find this unit to be the perfect solution for adding external over-the-air or clear QAM content to their QAM distribution system.

As an added benefit, because the additional programming does not come from the satellite source, in the event of a satellite outage this unit will continue to deliver the additional programming to the property.

Model No. DT-ATSC-QAM-8V2Call for Pricing

ATSC to IP Converter

Features

- Accepts up to 8 RF inputs (ATSC-8VSB over-the-air or QAM)
- Allows for Up to 64 Output Programs
- Allows User to “Cherry Pick” Desired Programs as Needed
- Supports STD/HRC/IRC Formats
- UDP / RTP Multicast / Unicast
- Easy to Setup and Monitor with Graphic User Interface



- Front Panel LED Indicators
- High Density 1RU Design

The DataTronix DT-ATSC-IP-8V2 allows the operator to create a custom IPTV distribution system output from ATSC off-air and/or QAM input sources. This unit accepts up to eight 8VSB over-the-air channels (including sub-channels), or clear QAM sources from a CATV feed, and outputs in IP. These outputs can be mapped to a desired unicast or multicast IP address.

The DT-ATSC-IP-8V2 processes most major local broadcast networks that have a second or third local channel. These channels can contain important weather-related content, local sports, or secondary programming. Integrators who operate satellite-delivered TV systems will find this unit to be the perfect solution for adding external over-the-air or clear QAM content to their IP distribution system.

As an added benefit, because the additional programming does not come from the satellite source, then in the event of a satellite outage this unit will continue to deliver the additional programming to the property.

Model No. DT-ATSC-IP-8V2Call for Pricing

DT-HDIPSS HD IP Streaming Server

DataTronix's DT-HDIPSS HD IP Streamer allows the user to stream any one audio/video source over an IP Network to multiple TV's or connected computers within the IP Network. The IP Streamer accepts an HDMI, component, or composite video input and the unit is designed to deliver a rich HD/SD streaming experience for its users deploying MPEG-2 or MPEG-4 standards. The DT-HDIPSS HD streaming server enables high-definition streaming with resolutions up to 1080p, providing a high-quality viewing experience for your customer. The unit is MPEG-2 or MPEG-4 switchable and supports UDP/RTP/RTSP streaming and Content Media Play Through via USB. The compact design saves space and is easily controlled via a web UI for rapid deployment.

Streaming High Definition IP Server

Model No. DT-HDIPSS Call for Pricing

Rack mountable 10 streamer shelf

Model No. CT-HDIP-10PK Call for Pricing

Power supply for up to 10 streamers

Model No. CT-HDIP-PS10 Call for Pricing



Pro:Idiom Set Top Boxes work with DIRECTV COM3000 systems including MediaTune

Set Top Box, Visium, QAM or IP Input, Pro:Idiom Decryptor Set-Top Box, HDMI 2.0 HDCP V2.2 Output

- Compact Size: 2.7" x 4.3" x .9"
- QAM and IP video ingest compatible
- Customizable IPG & UI with approved cloud portal access
- 802.11 b/g/n WiFi module for IPG updates, configuration, monitoring

Set-back security adapter designed to enable DIRECTV providers to deliver encrypted video to properties lacking Pro:Idiom capable commercial MPEG4 displays. Features an Integrated Program Guide (IPG), QAM and IPTV compatible, HDMI (2.0) output with HDCP encryption, includes prism style IR extender, programmable remote control, and power supply.

Purchase price includes (6) year license for online cloud management portal, an additional yearly fee will apply after year 6. This unit is convertible to an offline unit where no additional fee is required, firmware updates would require manual application in OFFLINE mode. 90 day warranty.

Set Top Box

Model No. VSBB100-OFFLINE Call for Pricing

Replacement IR Extension Cable

Model No. VSBB-IREXT Call for Pricing

Replacement IR Remote Control

Model No. VSBB-RCU Call for Pricing

Replacement Power Supply

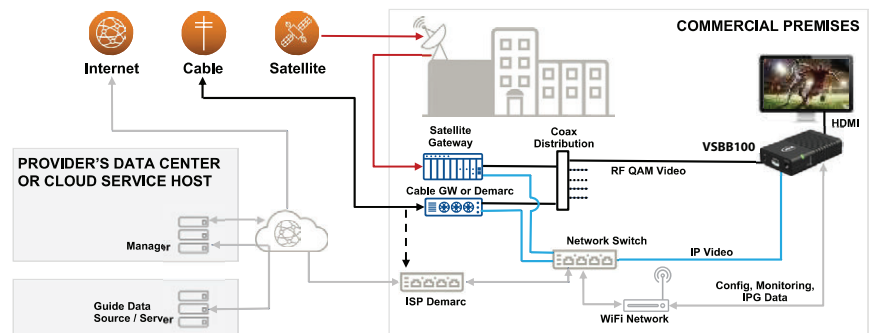
Model No. VSBB-PSU Call for Pricing

Firmware update - Our lab can do a firmware update and save the installer the time in the field.

Model No. VSBB100 FIRMWARE UPDATE Call for Pricing



NEW



Smarter, Smaller HD Video Distribution over coax and/or Ethernet

ZeeVee Pro Series HD Video Modulators & Pro Series with IP Streaming

1 or 2 Channels of Digital High Definition in a stand alone chassis

The ZvPro Series of encoder/modulators is used in smaller video and signage systems, and it continues to be a best seller. Now ZeeVee has added the I-Series to the ZvPro lineup, with all the features of a ZvPro PLUS simultaneous video-over-IP streaming.

Hardware Features

- Use Existing Coax or Ethernet Cable
- Set All Channels at Once
- MPEG2 Video and Dolby® AC3 / MPEG1 Audio Encoding
- QAM and/or IP output
- Optimized Rack Space
- Unified Architecture and Technology Across All Products

Key Product Features

- Free Information Channel
- Emergency Alert System Built In
- Five Year Warranty
- Closed Caption Capability
- Delayed Audio
- Multi-box Management

ZvPro I-Series

- Simultaneous RF/IP stream output with no compromise in performance

Advanced Management Software

- Color Front-Panel Display
- Maestro Web-based Management Tools
- Local and/or Remote Configuration

ZvPRO 610



ZvPRO 620



ZvPRO 810



ZvPRO 820

ZV710-6 6'
DIN to VGA CableZV709-3 3' | ZV709-6 6'
DIN to Component Cable
ZV739E-3-1 3' | ZV739-6-1 6'
DIN to MINI DIN CableZVPRK Rack
Mount Kit

ZeeVee Pro Series

Models	ZvPRO 820	ZvPRO 810	ZvPRO 620	ZvPRO 610
Channels	2 HD	1 HD	2 HD	1 HD
Input Type	Unencrypted HDMI		Component or VGA	
Audio	Analog, Digital On All ZvPro Models		Analog, Digital On All ZvPro Models	
Required Input Cable	HDMI (Sold Separately)		Hydra Component or HydraVGA (Sold Separately)	
Video Distribution	Up to 1080 p / i On All ZvPro Models		Up to 1080 p / i On All ZvPro Models	
Delay Matched Audio	Single Channel On All ZvPro Models		Single Channel On All ZvPro Models	
Closed Caption	Integrated On All ZvPro Models		Integrated On All ZvPro Models	
Fan Cooling	Integrated, Front to Back Cooling On All ZvPro Models		Integrated, Front to Back Cooling On All ZvPro Models	
Mount Type	Integrated Wall Mount, Rack Mount Kit Sold Separately		Integrated Wall Mount, Rack Mount Kit Sold Separately	
Warranty	5 Year Manufacturer Warranty		5 Year Manufacturer Warranty	
Models	ZvPRO 820i	ZvPRO 810i	ZvPRO 620i	ZvPRO 610i
Features	ZvPro I series units have a simultaneous RF/IP stream output with no compromise in performance.			

Replacement Power Supply for ZVPro Systems **Model No. ZVPRO-PS-REP**Call for Pricing

ZeeVee manufactured equipment allows distribution of HD digital signage and HD programming sources using existing broadband coax cabling in facilities not required to encrypt content. Use in other facilities is prohibited.

Upgrade all your analog head-ends to digital

- Far better picture quality - today's TVs want digital!
- Signal quality - won't degrade like analog
- Simple configuration - add or upgrade channels in minutes

- Clear QAM broadcast - works with all standard HDTVs
- All at a cost comparable to today's analog!

HDb2312 Modulators

12 Channels of Digital Standard Definition in a 1RU Chassis ...at a cost comparable to analog modulation

ZeeVee 12 Channel 480i Composite Video Modulator



- Each unit broadcasts 12 video sources in 1RU - saving you rack space and money.
- 12 channels fit on 3 RF frequencies - making your coax infrastructure even more capable of delivering all your channels.
- Digital quality at 480i - SD sources deliver stunning performance and full digital quality while respecting content broadcast requirements.

HDb2920 HD-SDI Digital Encoder/Modulator

- Two SDI inputs
- Transmit multiple SDI channels over a QAM or DVBT/C network
- HD-SDI ports have reclocked, amplified loop-through output
- Faster deployment and configuration with our Maestro interface
- Added support for an Emergency Alert (EAS) channel, closed captioning, and a bonus information channel



- Superior video quality
- Dolby Digital audio
- Mission-critical reliability

Also Available: **HDb 2920i** two input SDI modulator with simultaneous QAM and IP outputs

HDb2840 ZeeVee 4 Channel HDMI Video Modulator

Smarter, High-Density HD Video Distribution Over Coax
ZeeVee's HDb2840 encoder/modulator converts unencrypted HDMI video sources such as signage players into digital cable channels that are broadcast over existing coax cabling to an unlimited number of HDTVs.

- Distribute HD video throughout your facility
- Replace multiple signage players
- Maestro Headend Management Software
- Use Existing Coax Cabling



- Compatible with any HDTV
- MPEG2 Video and AC3 Audio Encoding
- QAM Output

Optional Accessories:

6" Y Adapter
2 RCA Female to
3.5mm Stereo Male
Model No. 10A3-042HF



2 RCA Male to
3.5mm Stereo Male
**6' Length
Model No. 255-045
12' Length
Model No. 255-047**



Single RCA Male to
Male Cable
**6' Length
Model No. 940
12' Length
Model No. 941**



ZeeVee manufactured equipment allows distribution of HD digital signage and HD programming sources using existing broadband coax cabling in facilities not required to encrypt content. Use in other facilities is prohibited.

Component Video Modulators

2 or 4 Channels of Digital High Definition in a 1RU Chassis

The HDb2500 Series is an integral part of the
"Receiver-Less Solution" approved for use in institutions.

ZeeVee encoder/modulators convert video sources such as satellite receivers and media players into digital cable channels that can be broadcast over existing coaxial cabling to an unlimited number of HDTVs.

By utilizing the HDTV's built in tuner, ZeeVee modulators completely replace the need for matrix switches, home run wiring and any devices at individual TVs.



720p Series

Two channel 720p HD Modulator with two
DIN to RCA component breakout cables

Model No. HDb 2520Call for Pricing

Four channel 720p HD Modulator with four
DIN to RCA component breakout cables

Model No. HDb 2540Call for Pricing



Two channel 720p HD Modulator with two
DIN to DIN cables for H25 receivers

Model No. HDb 2520-DTVCall for Pricing

Four channel 720p HD Modulator with four
DIN to DIN cables for H25 receivers

Model No. HDb 2540-DTVCall for Pricing



1080p Series

Two channel 1080p/i HD Modulator with two
DIN to RCA component breakout cables

Model No. HDb 2620Call for Pricing

Four channel 1080p/i HD Modulator with four
DIN to RCA component breakout cables

Model No. HDb 2640Call for Pricing



Two channel 1080p/i HD Modulator with two
DIN to DIN cables for H25 receivers

Model No. HDb 2620-DTVCall for Pricing

Four channel 1080p/i HD Modulator with four DIN to DIN cables
for H25 receivers

Model No. HDb 2640-DTVCall for Pricing

Optional Accessories:



3' DIN to DIN Cable For Connecting H25
Receivers to HDb25** series modulators.
Model No. ZV732-3-1 Call for Pricing

ZeeVee Modulators are now compatible with Monroe Emergency Alert Systems

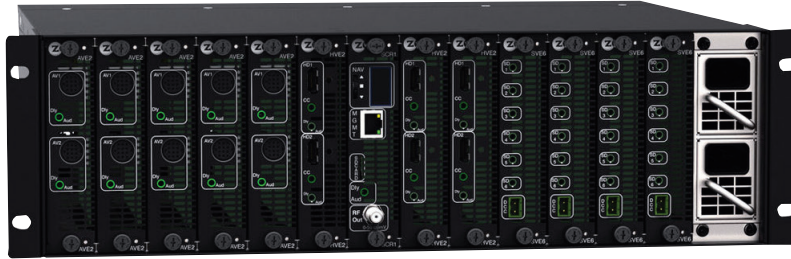
Components:

- R189SE-3EN - EAS Encoder for detailed information on EAS
- EAS_NET (includes DVS168 Software License NTP (Network Time Protocol) Server

Contact your sales representative for more detail on EAS Systems



ZeeVee manufactured equipment allows distribution of HD digital signage and HD programming sources using existing broadband coax cabling in facilities not required to encrypt content. Use in other facilities is prohibited.



HDbridge3000 Chassis

HD Digital Encoder / Modulator Series

High-Density Video Distribution

The HDbridge3000 provides a highly flexible solution for delivery of cable, satellite, and IPTV video content all within a compact 3RU footprint. HD and SD video can be simultaneously output in both RF and IP formats. The flexible, modular design of the chassis provides 12 media slots with the flexibility to mix-and-match HDMI, component, and composite cards, making it ideal for professional-grade video distribution. Adjustable rack ears can be moved to either the front or rear of the unit, allowing front-facing or rear-facing media modules and power supplies. What's more, if an existing media module is replaced with the same type of module, it is automatically programmed by the control module to use the same settings as the previous module, saving valuable time, and eliminating expensive truck rolls.

Features

- Compact 3RU form-factor
- 12 media module slots for delivery any type of content regardless of source inputs
- Simultaneous video output in both RF over coax and IP over CATx
- Up to 24 channels of HD content or 72 channels of SD content
- Zero downtime with fully redundant and hot-swappable media modules, fans, and power supplies
- No active components on the backplane means higher reliability
- Configured and maintained using ZeeVee's user-friendly Maestro management platform
- Distribute video over RF to an unlimited number of displays leveraging the QAM tuner in the TV
- ZvEAS connects to national EAS and allows for local emergency message information
- Playback custom content using the ZvShow channel

3000 Series chassis and control module, 12 module slots, two hot swappable power supplies, four hot swappable fans and 12 blank face plates

Model No. HDb3KR Call for Pricing

2 Input HD Digital module, component Din inputs, 720p resolution

Model No. 3KAVE2R7 Call for Pricing

2 Input HD Digital module, component Din inputs, 1080i/p resolution

Model No. 3KAVE2RH Call for Pricing

2 Input HD Digital module, component Din inputs, 1080i/p resolution with simultaneous IP output

Model No. 3KAVE2IH Call for Pricing

2 Input HD Digital module, unencrypted HDMI inputs, 1080i/p resolution with simultaneous IP output

Model No. 3KHVE2I Call for Pricing

2 Input HD Digital module, unencrypted HDMI inputs, 1080i/p resolution

Model No. 3KHVE2R Call for Pricing

6 Input SD Digital module, 480i resolution

Model No. 3KSVE6R Call for Pricing

2 Input HD Digital module, SDI Inputs, 1080i/p resolution

Model No. 3KSDI2R Call for Pricing

2 Input HD Digital module, SDI inputs, 1080i/p resolution with simultaneous IP output

Model No. 3KSDI2RI Call for Pricing

Spare command module for HDb3KR chassis

Model No. 3KSYSR1 Call for Pricing

3' Din to component cable

Model No. ZV709-3-X1 Call for Pricing

6' Din to component cable

Model No. ZV709-6-X1 Call for Pricing

3' Din to Din cable for H25 receiver connection

Model No. ZV739E-3-1 Call for Pricing

6' Din to Din cable for H25 receiver connection

Model No. ZV739-6-1 Call for Pricing

6' 3.5mm to RCA Video with left and right audio

Model No. CAVC6 Call for Pricing

Commercial Modulator Series

This must-have unit can be quickly and easily be installed into a standard micro-modulator chassis, making upgrading your system to HD an effortless process!

Single Channel Agile Micro Modulator

NEW

- QAM Channels: 2 - 135
- Impedance: 75Ω
- ATSC Channels: 2 - 69
- RF Output: "F" Type, Female
- Output: 41 dBmV

The DataTronix DT-QAM-AMM-1 High Definition (HD) Digital Modulator is the ultimate solution for adding local content seamlessly into a coaxial cable TV network. This innovative device boasts the ability to generate an MPEG-2 encoded signal in either QAM or ATSC format from an HDMI input. Its sleek design features one HDMI input, one RF output, and one LAN port for web management. The DT-QAM-AMM-1 is the perfect addition to add locally generated content, such as digital signage, airport flight status channels, and video surveillance.



Single Channel Agile Micro Modulator +41 dBmV Output
Model No. DT-QAM-AMM-1..... Call for Pricing

Power Supply For
Up To 12 Micro Style Devices
Model No. CTPS-12
Call for Pricing



Rack Chassis For Up To 12 Micro Style Devices
Model No. CTRC-12..... Call for Pricing

Replacement Chassis Mount Power Supply Wiring Harness
Model No. CTRC HARNESS Call for Pricing



DataTronix

NEW

8 RF Out HD Encoder Modulator

The DataTronix 8-Channel QAM Encoder Modulator is designed to redefine efficiency in content delivery, this advanced solution empowers you to transmit multiple channels seamlessly over your network. With a blend of cutting-edge encoding and modulation capabilities, our modulator ensures superior signal quality and optimal utilization of bandwidth. Experience a new era in broadcasting efficiency with our 8-Channel QAM Encoder Modulator.

8 RF Out HD Encoder Modulator
Model No. DT-QAM-ENCMOD-8 \$1,999.00



Fixed Channel Analog Modulator 50 dB Output, SAW Filtered
Available in Chs. 2-125

Model No. CT-SFMM-* Call for Pricing

Fixed Channel Analog Modulator 50 dB Output, SAW Filtered Field
Tunable to Chs. 2-125

Model No. CT-SAMM Call for Pricing



Fixed Channel 19" Analog Modulator 55 dB Output, SAW Filtered

Model No. CT-SAW860-*
Chs. 2 - and up Call for Pricing

Headend Accessories

Commercial Satellite Headend Equipment

Blank modulator
space holder
Model No. CTBP-1
Call for Pricing



Replacement fan
for CTPS-12
Model No. CTPS-12-FAN
Call for Pricing

Modulator, Agile Channel
Selection CATV (2-135), Standard
Definition, Commercial Grade,
Micro Modulator Series
Model No. TMM-860
Chs. 2 - 135Call for Pricing



Rack, Chassis, 8 Slots Chassis, Rack Mount Hardware Chassis
Model No. QTRCCall for Pricing
4 Modulator rack chassis w/power supply
Model No. MIRC-4DCall for Pricing

Wall Mountable Amplifiers



30 dB Forward Gain, 54-550 MHz
Model No. CTA-30-550 Call for Pricing
30 dB Forward Gain, 20 dB Reverse Gain, 54-870 MHz Forward,
5-42 MHz Reverse
Model No. CTA-30-870AR Call for Pricing
35 dB Forward Gain, Passive Return Path, 54-1,000 MHz Forward,
5-42 MHz Reverse
Model No. CTA-35-1000PR Call for Pricing
Replacement Power Supply for CTA-30-870AR
Model No. CTA-30-870AR PS2 Call for Pricing

Rack Mountable Amplifiers



30 dB Gain, 550 MHz
Model No. CTA-30RK-550 Call for Pricing



30 dB Gain, 1000 MHz
Model No. CTA-30RK-1000 Call for Pricing

Rack Mountable Combiners



24 Input Passive Combiner, 19" Rack Mountable,
High Port to Port Isolation, -30 dB Test Port
Model No. CTHC-24G..... Call for Pricing



12 Input Passive Combiner, 19" Rack Mountable,
High Port to Port Isolation, -30 dB Test Port
Model No. CTHC-12G Call for Pricing



QAM Modulator / Video Encoder, High Definition 1080i, Accepts 1 A/V Input, Simultaneously Outputs QAM, ASI, And IP

Features

- Simultaneously delivers MPEG2 1x QAM, 1x IP, and 1x ASI
- Provides +40 dBmV QAM RF output level
- Supports custom video and transport stream bit rate settings
- Supports user-defined PSIP configuration
- Supports real time Dolby digital audio encoding
- Supports closed captioning EIA-608 and EIA-708
- Compact design permits installation of up to 3 encoder modules in 1RU



The HDE-CSV-QAM-IP accepts one high-definition program from any of the following inputs: component, HD/SDI (serial digital interface), HDMI (unencrypted), VGA, or composite. MPEG2 encoded outputs are available in the following formats simultaneously: 1x QAM, 1x ASI (asynchronous interface), and 1x single program transport stream IP (100/1000Base-T Ethernet). The QAM RF output is agile and covers the CATV frequency range of (5-1,002)MHz, or (channels T7 to T14, 2 to 158), with an output level of (+40)dBmV. Comprehensive remote monitoring and control is accomplished using any standard web browser via a front panel (100/1000)Mbps Ethernet connection, and a rear-panel VGA output port is available for loop-through applications. This item is part of a module and chassis based product family, the HDE-3MCH rackmount chassis (sold separately) will hold up to 3 compatible product modules.

Model No. HDE-CSV-QAM-IP Call for Pricing

Blonder Tongue Passive Rack Mountable Splitters

Features

- 5 - 1,000 MHz
 - -20 dB Test Port
 - High Isolation, Low Net Combining Loss
 - Rack Mountable - 1 EIA (1.75") Rack Space
- 24 Output passive splitter



Model No. DFCS-24 Call for Pricing

32 Output passive splitter

Model No. DFCS-32 Call for Pricing

Blonder Tongue Passive Headend Combiners

Features

- 5 - 1,000 MHz
- -20 dB Test Port
- 8" Depth
- High Isolation, Low Net Combining Loss
- RFI Shielding for minimized egress/ingress interference
- Rack Mountable - 1 EIA (1.75") Rack Space

8 Input passive combiner

Model No. HPC-8 Call for Pricing

12 Input passive combiner

Model No. HPC-12 Call for Pricing



24 Input passive combiner

Model No. HPC-24 Call for Pricing

32 Input passive combiner

Model No. HPC-32 Call for Pricing

16 Input, 1 Output with Test Port, Rack Mounted, 5-1,000 MHz

The Drake PC1601 passive combiner is utilized at the cable television headend to combine the outputs of several modulators or channel processors on to a single coaxial cable. This model offers 16 inputs, respectively. This broadband products accepts input levels up to +60 dBmV, and passes 5-1000 MHz.

Model No. PC1601 Call for Pricing





QAM Modulator / Video Encoder, 8 Component / Composite Inputs, 8 SPTS IP Outputs, High Definition 1080i, with Digital Video Watermarking

Features

- Accepts 8 HD programs
- Provides 8 SPTS IP outputs
- Configurable to ITU-T J.83 Annex A and B digital QAM formats
- Supports real-time Dolby digital audio encoding
- Supports closed captioning EIA-608 for each of the 8 encoded programs
- Equipped with EAS interface (analog video + L/R audio) and is compatible with all EAS receivers



The HDE-8C-QAM-IP-DIN 02 accepts up to eight analog programs from audio video sources utilizing component or composite outputs. The encoder digitizes, MPEG2 encodes each input into a high-definition stream, multiplexes the resulting eight streams, and modulates them onto four adjacent QAM channels in the 54-1,002 MHz range CATV channels 2-158. The unit additionally offers up to 8 SPTS single program IP transport streams for distribution to IPTV multicast compatible displays or set-top units. The option 02 offers digital video watermarking for any needed forensic signal inspection requirements, and offers DIRECTV H25 high-definition satellite receiver control. The unit supports user-defined PSIP configuration, supports closed-captioning, and provides an EAS interface if EAS integration required. This unit is commonly used in satellite or cable television SD or HD headend modulation racks in conjunction with satellite receivers or CATV set-top boxes.

Model No. HDE-8C-QAM-IP-DIN 02..... Call for Pricing

Add Digital Channels To Your Private Cable System!!! The AQT Converts ATSC Off Air Signals To Digital QAM CATV



8 Channel Off Air/QAM Transcoders

Converts 8 Off air channels to either QAM, IP or both

Features

- Encrypted QAM sources can be mapped to IP MPTS or SPTS formats in Pass Through mode for
- Remote PHY and Switch Digital applications
- Accepts up to eight RF inputs in 8VSB/QAM format
- Provides one common 8VSB/QAM input port with an internal active splitter
- 2:1 Multiplex Mode to configure eight ATSC 1.0 off-air channels to four MPTS for QAM
- PSIP manipulation
- Accepts EAS input in ASI or IP formats
- Supports EAS switching-based on contact closure trigger, or +5 to +12 VDC input
- Comprehensive GUI-based remote monitoring and control via any standard Web browser

AQT8-IP (8x8VSB/QAM to IP)

This unit allows the user to create a customized line up from off-air and/or cable feeds for IP distribution. The customizable IP output contains up to 20 programs with a combination of SPTS and/or MPTS across eight 8 IP addresses from eight 8 RF input sources.

Model No. AQT8-IP..... Call for Pricing

AQT8-QAM/IP (8x8VSB/QAM to QAM/IP)

This unit allows the user to create a line up from off-air and/or cable feeds for coax or IP distribution. The unit simultaneously transcodes eight (8) QAM/8VSB input channels to 8 QAM and 8 IP transport streams.

Model No. AQT8-QAM-P Call for Pricing

NACEConnect SignEase

Turn any TV into a digital sign

Digital Signage Made Easy

Create, Distribute, and Display Digital Signage Content Using Your Existing Wi-Fi

- Turn any TV into a digital sign
- One small hardware device per screen
- Wi-Fi connection to the internet
- NO ADDITIONAL WIRING -all you need is electricity at the sign
- Controlled and managed from any web browser
- Create and manage content, playlists, and scheduled promotions
- Vast template library available

Consisting of a small media player and a web-based management console (where you can use existing graphics and templates), it is astonishingly easy to deploy and manage. Simply connect the media player to the display's HDMI input, enter Wi-Fi credentials, and your digital sign is ready to display your content without ever touching it again. The SignEase control panel provides intuitive drag-and-drop control over all content on all players of that account, regardless of where they are located in the world. All you need is internet access and a browser to make real time dynamic updates of all signage content and playlists.

Remote access to manage digital signage content is crucial for businesses that are widespread geographically and for those with managers who are not always on site. All content can be intuitively managed for all properties by a single person in a single location, eliminating the need to physically update content at each location.

In-browser Content Creation & Management

Content Creator

The content creator is filled with templates for a wide array of digital signage, hotel channel guide templates, advertising, weather forecasts and more. No graphic software degrees or experience is required. With included backgrounds, a drag-and-drop interface, and pre-formatted text fields, creating professional HD content is simple.



Web Portal

The SignEase web portal is the gateway to all of your devices. Signage content can be selected as desired by the system administrator and assigned to your properties, which can also be grouped. Simple, powerful control is only half the story. Realizing that clients need content, SignEase includes a built-in content creation suite. You just pick the right template for your needs and add your messaging.



No Additional Wiring Simple Media Player at each display

The SignEase hardware is simple and effective. The small media player can be mounted unobtrusively behind the display and connected to power with the included power supply. Simply connect it to the HDMI port of your display, temporarily connect your USB keyboard and mouse to set up Wi-Fi once, and you're done.

Let's Connect

Jeffrey Lawton
Director of Channel Services

jlawton@nace.tv

702-329-3211



**NACEConnect
SignEase**

Ideal For Adding a Low Cost Channel Guide to Your Headend Systems!

Miniature Digital Signage & Media Players

Features

- Plays full-screen presentations of videos up to 1080p, fixed images & audio files.
- Easy, plug-n-play design makes changing signage content effortless. No logins or internet connection necessary
- Small footprint fits perfectly behind most display screens
- Internet or secondary source connection is not required for use as the presentations reside locally
- There is no recurring monthly subscription fee for either unit
- Easy-to-use
- Effortless installation – As simple as connecting a DVD player
- Intuitive GUI is easy to navigate and manage
- Content management is straight forward & instinctive
- Dimensions/Weight: 3" x 2.25" x 0.5", 0.15 lbs.



No Monthly Fees!
No Internet Connection Required!

The DataTronix Mini Digital Signage Player allows you to display user created presentations that are informative and entertaining. These simple plug-n-play devices are capable of presenting full-screen slideshows and videos on any HDMI or composite input monitor. The Mini Digital Signage Player displays media files from a USB storage device or SD card, and does not require internet connectivity. Simply load your image, audio, or video files onto a flash drive and connect it to the Mini Digital Signage Player. The size of your presentation is only limited by the storage space of your USB or SD device.

Customize your slideshow presentations with user defined durations of 1, 3, 5 or 10 seconds per slide. Background music can also be inserted and played during a slideshow. Further customization options include a variety of transitions between images (vertical and horizontal Persian blinds, mosaics, wipes and random transitions). The small-size unit can be discreetly installed behind a monitor by using double faced tape, cable ties, or Velcro®. All units come with a remote control for accessing menu commands. For the clearest HD viewing experience, you can connect to the unit using a CableTronix brand HDMI cable (not included). A composite video 3.5mm breakout adapter cable is included for SD deployments.

The Mini Digital Signage player is perfect for retail stores, boutiques, hotel lobbies, restaurant entrances, transportation sites, medical offices, educational institutions, fitness centers and much more.

Technical File Compatibility Specifications

- **Video Up To 1080P**
MPEG1, MPEG2, MPEG4, H.264, WMV9/VC-1, MJPEG, FLV, MKV
- **Video Up To 720P RM/RMVB**
- **Image - JPG, BMP, PNG, GIF**
- **Audio - MP3, WMA, WAV, AAC, OGG, FLAC, APE, AC3, ATRA, DTS, RA**
- **Subtitle - SSA, ASS, SUB, SRT, SMI, IDX+SUM**

DT-HDMP-1 Miniature Digital Signage Player

The DT-HDMP-1 units have HDMI and A/V outputs and ship with a 3.5mm to composite cable. These units offer HD through the HDMI output and SD only through the A/V output.

Model No. DT-HDMP-1.....\$89.99

Contents Include

- 1 Signage Player
- 1 Power Supply
- 1 Remote Control
- 1 3.5mm to RCA Cable
- 1 Instruction Manual

**4GB USB flash drive,
USB 2.0, keychain style**

Model No. USB-4GB...\$5.99



GigE 8 port switch, used with DTV HE

- Non-PoE supported model
- Power supply included
- Model does not support fiber optic ports
- 8 Gigabit ports

The GS108-E-NTSC is a desktop (10/100/1000) Gbps eight-port managed ethernet switch. On top of the plug & play Gigabit Ethernet connectivity, these switches also offer essential networking features such as VLAN, QoS, IGMP Snooping, Link Aggregation and Port Trunking (16 port or greater models). By listening in on the IGMP conversation between hosts and routers, the Gigabit smart managed plus switch can maintain a map as to which links need which IP multicast streams, and will be able to forward multicast traffic only to the links that have asked for them and cut multicast traffic from links that do not contain a multicast listener.

Model No. GS108-E-NTSC Call for Pricing



GigE 16 port switch, used with DTV HE

- Non-PoE supported model
- Power supply included
- Model does not support fiber optic ports
- 16 Gigabit ports

The GS116-E-NTSC is a layer two desktop managed (10/100/1000) Gbps sixteen-port ethernet switch. On top of the plug & play Gigabit Ethernet connectivity, these switches also offer essential networking features such as VLAN, QoS, IGMP Snooping, Link Aggregation and Port Trunking (16 port or greater models). By listening in on the IGMP conversation between hosts and routers, the Gigabit smart managed plus switch can maintain a map as to which links need which IP multicast streams, and will be able to forward multicast traffic only to the links that have asked for them and cut multicast traffic from links that do not contain a multicast listener.

Model No. GS116-E-NTSC Call for Pricing



Check out the Off-Air Antenna section for more details - pages 92-94



Off-Air Antenna, Outdoor VHF High Band Channels 7-13 and UHF Channels 14-36, Ellipse Mix, Intelligent Antenna
Model No. TV-148883



Off-Air Antenna, Outdoor/Rooftop Model, Broadband VHF/UHF/FM, 28 Active Elements, 65" Boom Length

Model No. HD-7694P

Off-Air Antenna Auto-Programming Preamplifier, 174-862 MHz, ATSC 3.0 Compatible, LTE Filtering, Accepts Up To 4 Separate Antenna Inputs



Model No. ATSC SMART AMP



The Evoca Off-Air Antenna Indoor / Outdoor, VHF High Band (Channels 7-13) And UHF (Channels 14-36), With 5G Antenna

Model No. TV-130990



Smartkom Off-Air Antenna Amplifier Processes Up To 3 Separate VHF or UHF Off-Air Antennas, Auto or Manual Programming Via Bluetooth

Model No. TV-531981

Off-Air Antenna, Outdoor/Broadband VHF/UHF, 7 Element Directional YAGI
Model No. TV-144282



Off-air Antenna Pre-amplifier



Model No. LNA-200

Zv STBi3 IP Set Top Box

The STBi3 is a high performance IP Set Top Box. Simply plug it into your display, connect to the Network, and begin watching channels. Simple deployment with PoE and auto-discovery of ZeeVee generated IP feeds makes video deployment straight forward. The STBi3 architecture allows capabilities to be expanded over time as your requirements change. With STBi3, IP deployments are now as simple as RF deployments.

Autodiscovery

STBi3 auto-discovers the ZyPerMX, ZyPerMX2/4, HDBridge and ZvPro iSeries streams, which are added automatically to the lineup.

Additional Channels

Additional channels/streams can be added manually.

HD Formats

Supports several HD formats: H.265, H.264, MPEG-2, MPEG4, and others



IPTV Programs

Supports many kinds of IPTV programs

Control

Infrared remote control with programmable buttons allows direct control of the television (unified remote control for controlling user experience). Change channels remotely via IP commands.

Model No. Zv STBi3 Call for Pricing

Digital Cable Tuner

ZvSync is a digital cable tuner with HDMI, composite, and analog RF outputs.

It's small, affordable, and it can be used for:

- Projectors
- HDTVs Without Tuners
- Monitors
- Old TVs With No Digital Tuner
- HDMI, Composite and RF Outputs
- EAS Compatible
- Closed caption compatible
- Supports digital & analog RF video sources



Have a projector, monitor or other display without a digital tuner? ZvSync is a digital cable tuner with HDMI and composite outputs. It can be used for any display that is not equipped with a built-in digital tuner, such as: projectors, HDTVs without tuners, commercial displays, monitors, and analog TVs. The ZvSync enables you to connect to any ZvPro or Hdbridge encoder / modulator and receive over 100 channels on your display. Perfect for sports bars, assisted living and education environments where you have both televisions and projectors. The ZvSync takes the signal via coax from the ZvPro and converts it to either an HDMI or composite video output that can be used on nearly any display.

Model No. ZvSYNC-QAM Call for Pricing

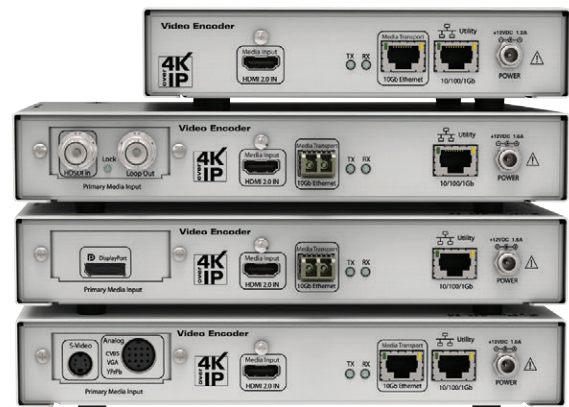
Replacemnet Power Supply

Model No. ZVSYNC-QAM-PS-REP Call for Pricing

Uncompressed 4K over IP Video Encoders

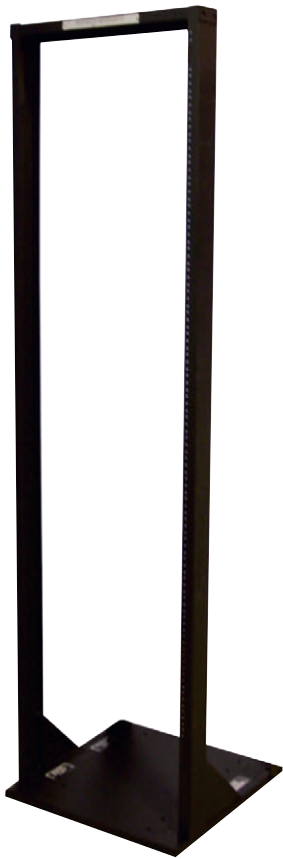
ZyPer4K (SDVoE)

When picture quality and latency matter there is no alternative to the ZyPer4K encoder and decoder product line. Delivering uncompressed 4K at virtually zero latency, the ZyPer4K is the first SDVoE solution on the market — enabling the distribution of content to an unlimited number of displays over a 10Gb Ethernet switch.

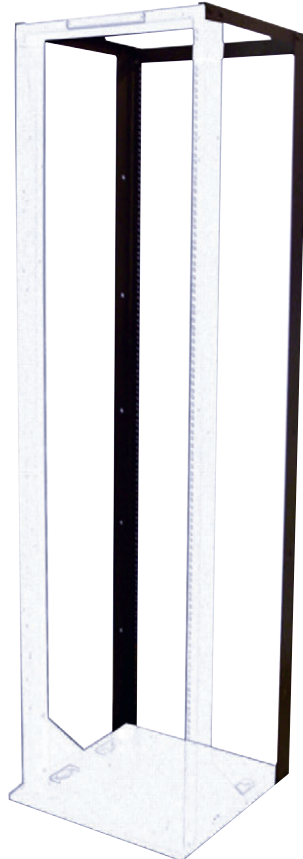


**Contact NACE Sales for
System Design and Pricing Assistance!**

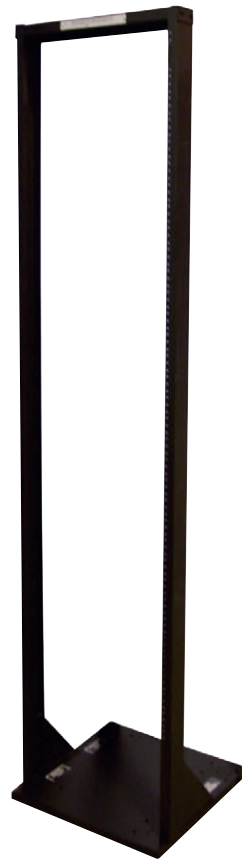
CTOR Series Equipment Racks



CTOR-71



CTOR-71-4-KIT



CTOR-84



CTOR-84-4-KIT

Heavy Duty Rack Screws with Washers

CableTronix Heavy Duty Rack Screws with Washers

Model No. CT-RMS-100\$14.90/pack of 100

CableTronix Heavy Duty Rack Screws with Washers

Model No. CT-RMS-8.....\$0.99/pack of 8



CTOR Series Equipment Racks

Models	Overall Height	No. of 1.75" Spaces	Weight	Base Dimensions	PRICE
CTOR-36	36 3/4"	18	26.8 lbs.	20" x 20"	Call for Pricing
CTOR-48	51"	26	32.0 lbs.	20" x 20"	Call for Pricing
CTOR-71	71 3/4"	39	36.8 lbs.	20" x 20"	Call for Pricing
CTOR-84	84 1/4"	47	40.4 lbs.	20" x 20"	Call for Pricing

Rear Post Kit to Upgrade Rack to 4 Post Unit

CTOR-36-4-KIT	Rear post kit to upgrade CTOR-36 rack to a 4 post unit	Call for Pricing
CTOR-48-4-KIT	Rear post kit to upgrade CTOR-48 rack to a 4 post unit	Call for Pricing
CTOR-71-4-KIT	Rear post kit to upgrade CTOR-71 rack to a 4 post unit	Call for Pricing
CTOR-84-4-KIT	Rear post kit to upgrade CTOR-84 rack to a 4 post unit	Call for Pricing

Replacement Parts

CTOR-BASE	Replacement Base & Hardware for CTOR Series Racks	Call for Pricing
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Equipment Racks with Recessed Front Mounting Option

Features

- Front rails threaded on front and rear provide two mounting options
- Recessed mounting option allows room for equipment with front panel connections
- Rear rail option
- Black powder coat finish
- 10-32 Rack rail threading
- Base is pre-drilled for optional caster mounting
- Rear and front rail threading is aligned for level mounting of items that require four points of support

The CTOR-**-D series are free standing equipment racks for 19" rack mountable equipment. These racks features front rails that are threaded on the front and back allowing two options for equipment mounting. Mounting to the front side of the front rail holds equipment flush to the front of the rack. Mounting on the back side of the front rail holds equipment back 3 inches from the front of the rack allowing extra space for equipment with front panel connectors or extended front panel controls. The optional CTOR-**-4-KIT-D rear rail kit provides an additional two rear rails allowing for rear mounting of equipment or for heavy equipment that requires four points of support.



Rack	4'	6'	7'
Overall Height	50.75"	73"	85.5"
Overall Width	20"	20"	20"
Depth of Base	22.75"	22.75"	22.75"
Overall Weight (with rear rails)	41.7 lbs.	53.0 lbs.	58.0 lbs.

Rack Front Clearance			
Front of base to front of front rail	2"	2"	2"
Front of front rail to back of front rail	3"	3"	3"
Front of base to back of front rail	5"	5"	5"
Front of front rail to back of rear rail	20.75"	20.75"	20.75"
Back of front rail to back of rear rail	17.75"	17.75"	17.75"

Number of Rack Spaces			
Front of Front Rail	26 RU (45.5")	40 RU (70.0")	47 RU (82.25")
Back of Front Rail	22 RU (38.5")	36 RU (63.0")	43 RU (75.25")
Back of Rear Rail	27 RU (47.25")	40 RU (70.0")	47 RU (82.25")

4' Equipment rack, 2 Post, includes base, front rails and front crossbar

Model No. CTOR-48-D Call for Pricing

Rear rail kit for CTOR-48-D, includes 2 rear rails and top supports

Model No. CTOR-48-4-KIT-D Call for Pricing

6' Equipment rack, 2 Post, includes base, front rails and front crossbar

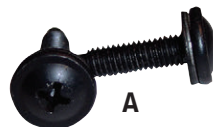
Model No. CTOR-71-D Call for Pricing

Rear rail kit for CTOR-71-D, includes 2 rear rails and top supports

Model No. CTOR-71-4-KIT-D Call for Pricing

7' Equipment rack, 2 Post, includes base, front rails and front crossbar

Model No. CTOR-84-D Call for Pricing



A



B

Rear rail kit for CTOR-84-D, includes 2 rear rails and top supports

Model No. CTOR-84-4-KIT-D Call for Pricing

Heavy duty rack screws, 10-32 Threading, includes nylon washer

A. Model No. CT-RMS-100 \$14.90

Set of four casters, 2 locking

B. Model No. CT-CASTER-SET4-2WL Call for Pricing

Equipment Racks & Accessories

ERK Series Enclosures

19" welded stand-alone/gangable enclosures.

Features

- 2,500 lb. weight capacity
- 1/8" thick structural steel internal braces
- UL Listed in the US and Canada
- Seismic certified (when used with ERK-Z4 option) with an IP value of 1.5
- 22" OD W, available 20", 25" or 28" OD D
- 1/2", 3/4", 1" & 1-1/2" electrical knockouts on removable split rear plates top and bottom, easily removable for cable pass through. Top plates additionally include UHF/VHF knockouts
- Standard front, optional rear 11-gauge 10-32 threaded, fully adjustable rackrail with numbered rackspace increments
- Key-locked solid rear door standard, optional vented rear doors available
- Optional vented, solid or plexi-glass front doors available
- Configurable top options on 44, 40, and 35 space sizes, solid, vented & multiple fan tops available
- Available in 6 height options from 35.625" to 81.125" overall height
- Optional caster base available



DWR Series Wall Mount Enclosures

Pivoting, sectional wall cabinets ideal for larger systems in both secured and non-secured areas.

Features

- Available in 17", 22", 26" and 32" overall depths with 15", 20", 24" and 30" of usable depth
- Tool-Free Quick-Mount™ system for easy, one-person mounting of the center section to the backpan on the jobsite
- New center section rear channel accommodates slim power to save space
- 16-gauge steel construction with 1/8" thick laser-cut corner braces
- Reversible pad-lockable center section is keyed differently from optional front door for security
- 2" knockouts, 4" knockouts for Wiremold 4000® Series raceways, and knockouts for UCP Series universal connector panels on side
- Grounding/bonding stud in top and bottom of center section and backpan facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- Finished in a durable black textured powder coat
- UL listed in the US and Canada



8 DIRECTV H25 or H26K Satellite Receivers Rack Shelf

Rack shelf to hold up to 8 DIRECTV H25 satellite receivers in a standard 19" equipment rack. Top Shelf is 6.5 Inches deep, Bottom Shelf is an extended 12.5" to hold H25 power supplies. Holds receivers up to 1 3/16" with 7/8" spacing between receivers.

Model No. CT-8PK-H25 Call for Pricing



Rack shelf to hold up to 8 DIRECTV H25 and/or H26 satellite receivers in a standard 19" equipment rack. Top Shelf is 6.5 Inches deep, Bottom Shelf is an extended 12.5" to hold H25 or H26 power supplies. Slot size 1.25".

Model No. CT-8PK-H256 Call for Pricing

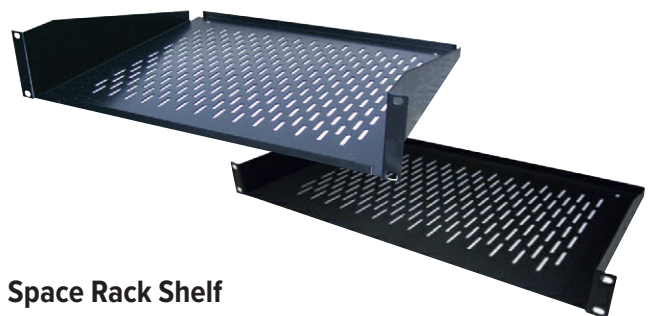


8 Receiver Adjustable Rack Shelf

Holds receivers up to 2 1/16"W x 10 1/4"D.

If the receiver is deeper than the number shown, it will still fit nicely into the shelf but will protrude from the front of the shelf.

Model No. CT-8PK Call for Pricing



2 Space Rack Shelf

- 19" Rack mountable
- 2 Rack spaces High (3.5")
- 15" Deep

- Slotted for superior ventilation
- Heavy duty to prevent sagging

Model No. SHELF-SLT Call for Pricing

1 Space Rack Shelf

- 19" Rack mountable
- 1 Rack spaces High (1.75")
- 10.75" Deep

- Slotted for superior ventilation
- Heavy duty to prevent sagging

Model No. SHELF-SLT-1U Call for Pricing

CT-FEB-E Series Economy Blanks

19" Rack Panels Black Finish

One Rack Space (1.75"H)

Model No. CT-FEB-E-1U Call for Pricing

Two Rack Spaces (3.5"H)

Model No. CT-FEB-E-2U Call for Pricing

Three Rack Spaces (5.25"H)

Model No. CT-FEB-E-3U Call for Pricing



CT-FEB RMP Series Slotted Rack Panels

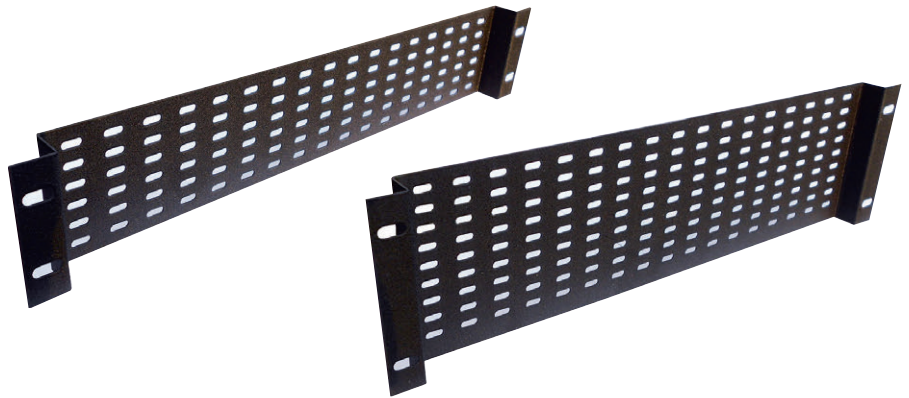
19" Rack Panels Black Finish

Two Rack Spaces (3.5"H)

Model No. CT-FEB-2RMP..... Call for Pricing

Three Rack Spaces (5.25"H)

Model No. CT-FEB-3RMP..... Call for Pricing



Heavy Duty Rack Screws with Washers

Model No. CT-RMS-100

\$14.90/pack of 100

Model No. CT-RMS-8

\$0.99/pack of 8



Equipment Rack Casters

Set of 4 commercial grade casters. 2 Locking, 2 Non-Locking

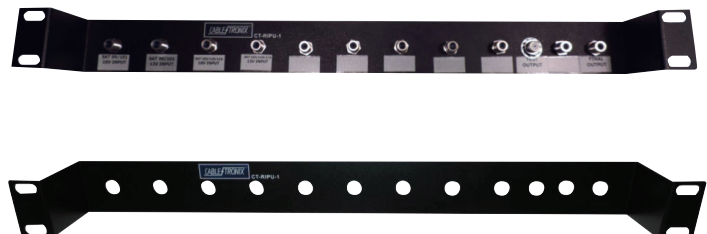
Model No. CT-CASTER-SET4-2WL..... Call for Pricing



Equipment Rack Casters

Set of 4 commercial grade casters. 2 Locking, 2 Non-Locking

Model No. 5WL Call for Pricing



Loaded Rack Interface Plate

- Perfect for organizing all of your headend inputs and outputs in one convenient location on your equipment rack
- Clearly labeled to save time and avoid confusion
- Can be rack mounted or mounted on the top back of a rack with a rear rail kit
- Quick turnaround

Model No. CT-RIPU-1-SHIP-DT Call for Pricing

Blank Rack Interface Plates

Model No. CT-RIPU-1Call for Pricing

DT-HCMP Series 19" Rack Mountable Cable Management Panels with Metal Rings



19" Rack Mountable Cable Management Panels with Metal Rings, Black Finish

One Rack Space (1.75"H)

Model No. DT-HCMP-1U \$14.99



19" Rack Mountable Cable Management Panels with Metal Rings, Black Finish

Two Rack Spaces (3.5"H)

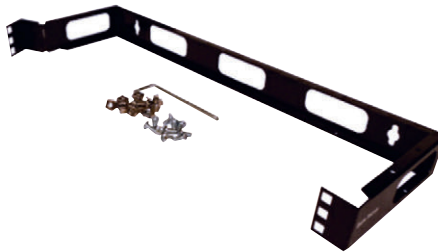
Model No. DT-HCMP-2U \$19.99

DT-HWM Series 19" Wall Mountable Open Racks, Hinged On One Side

Single Space Wall Mount Rack

- 1 Space (1.75") High, 5.25" Deep
- Includes cage nuts, rack screws & tool
- Black finish

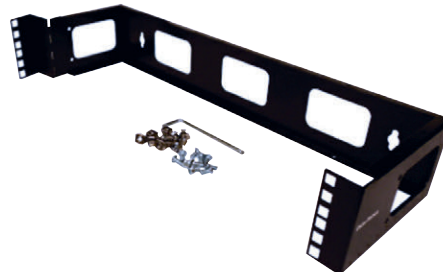
Model No. DT-HWM-1U \$29.99



Two Space Wall Mount Rack

- 2 Space (3.5") High, 6.5" Deep
- Includes cage nuts, rack screws & tool
- Black finish

Model No. DT-HWM-2U \$34.99



Cable Management Panel, Hinged, Horizontal Mount

- Hinged front panel has a magnetic closure
- Helps wiring maintain the required bend radius
- Steel construction with black powder coat finish
- Multiple pass-throughs on top, rear, bottom and sides
- Solid face conceals cables from view
- Hinged face provides secure, easy access

1.75" Height, Black finish

Model No. HHCM-1 \$49.29

3.50" Height, Black finish

Model No. HHCM-2 \$55.53



Bracket Mount For 13"-42" TVs

- Perfect for mounting a test TV or monitor to an equipment rack
- Mounts cleanly on the side of a rack rail
- Allows for the test TV or monitor to be folded back against the rack to remain out of site

Model No. CT-LCD-141A-B Call for Pricing



Rack Mountable Sliding Shelf

The CT-SRS is an ideal accessory for any CATV equipment rack based video system. The CT-SRS allows the user to install slide-out shelf for a PC keyboard, or any other compatible equipment, which can be recessed when not in use, and "slid" out upon needs for active engagement. The unit features (3) guide rails, an adjustable hangar frame, and is compatible with all EIA (19) inch width equipment racks.

Model No. CT-SRS Call for Pricing



24" HD Television

- Perfect for use as a test TV in a headend rack
- 720p Resolution
- 1 HDMI Input
- RF input with ATSC & clear QAM tuner

Model No. 24LJ4540 ... Call for Pricing

Rack Mountable High Velocity Triple Fan Blowers

Horizontal High Velocity Triple Fan Blower - Rack Mountable

The CT-FANRK-B is a rack mountable ventilation system that incorporates 3 individual fans in a 3-rack space (5.25") housing. A single two-prong AC plug is attached to all three fans to minimize the number of outlets needed. The fans are reversible to provide either exhaust or air intake.

The CT-FANRK-B operates with a very low amount of noise while maintaining a high volume of air movement. Each individual fan is capable of moving up to 92 cubic feet of air per minute for a combined flow of up to 276 CFM.

The CT-FANRK-B is highly recommended above any chassis mounted modulator set. One CT-FANRK-B should be used with each bank of modulators even when the chassis is not completely full.

Rack mountable, horizontal high velocity triple fan blower
Model No. CT-FANRK-B Call for Pricing



Features

- Three individual fans in 5.25" of rack space (3 rack spaces)
- Reversible fans for air intake or exhaust
- Low noise, High volume
- Black powder coat finish

Rack mountable, horizontal high velocity triple fan blower, all metal unit

Model No. CT-FANRK-B-PLUS Call for Pricing



Features

- Three individual fans in 1.75" of rack space (1 rack space)
- Fans draw air in through the bottom and out the front
- Low noise, High volume
- Black powder coat finish
- All three fans are tied into 1 power source, power adapter included

Ultra-Quite Vertical High Velocity Triple Fan Blower - Rack Mountable

The CT-FAN3-QTRK-B is 3 individual fans in a single rack space (1.75") housing. A single power output is attached to all three fans to minimize the number of outlets needed. The fans draw air in from the bottom of the chassis and out through the front of the chassis.

The CT-FAN3-QTRK-B operates with a very low amount of noise while maintaining a high volume of air movement. Each individual fan rotates at 2300 revolutions per minute ($\pm 10\%$) for a combined 6,900 RPM of air flow.

Rack mountable, vertical high velocity triple fan blower, ultra-quiet model

Model No. CT-FAN3-QTRK-B.....Call for Pricing



Headend Triple Fan Ventilation Panel, 5.25" Height, Rackmount

The unit features 3 individual fans in a 5.25 inch height 3RU rack mount panel with a 19 inch width. The panel allows cool air to be drawn into the rack and circulate the cooler air across the mounted components in the rack. The unit features black powder coated finish, and plastic blade guards.

Model No. CT-FABRK-3Call for Pricing

Ventilation Fan Module, 4.5" Diameter

Square ventilation fan which can directly integrate into many product solutions. Each fan is a 115 V and rated at 50 CFM. Each unit includes a fan guard with a black powder coat finish and features a smooth, long-life ball bearing design.



Model No. QFANCall for Pricing

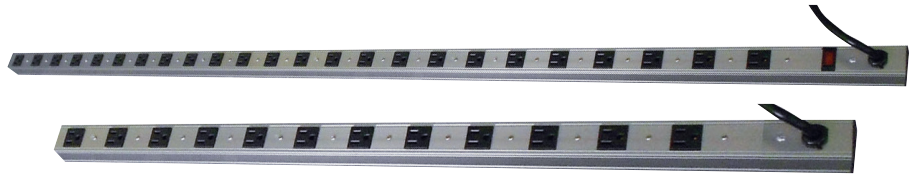
Power Strips, Surge Protectors & UPS Backups



Rack Mountable 9 Outlet Power Strip

- 9 Outlets, 8 Rear, 1 Front
- 1-15 Amp Circuit
- EMI Filtering
- Surge & Spike Protection
- Master Power Switch
- 19" Rack Mountable
- 1.75" (1RU) High, 9" Deep
- 10' UL Listed Power Cord

Model No. CT-PCHRM9 .. Call for Pricing



Rack Mountable 24 Outlet Vertical Power Strip

- 24 Outlets Total
- Outlets Spaced Evenly
- 1-15 Amp Circuit with Circuit Breaker
- Lighted on/off switch
- 60"L x 1.5"W x 1.5"D, Gray casing
- 10' Power Cord
- UL or ETL Listed
- Mounting Brackets Included

Model No. CT-PCVRM24-ETL..... Call for Pricing

Rack Mountable 12 Outlet Vertical Power Strip

- 12 Outlets Total
- Outlets Spaced Evenly
- 1-15 Amp Circuit with Circuit Breaker
- 2.2 Lbs.
- 35"L x 1.5"W x 1.5"D, Gray casing
- 10' Power Cord
- UL or ETL Listed
- Mounting Brackets Included

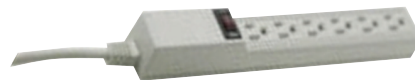
Model No. CT-PCVRM12.....Call for Pricing

Cable Isolator with Spike Protection

- 5 - 1,000 MHz
- <1 dB Insertion
- F Female connections
- Blocks 60 Hz power up to 5,000 Volts
- Reduces energy level of spikes
- Eliminates ground loop Hum
- Does not degrade with repetitive spikes
- Electronic clamping IC technology (SIDACTor)



Model No. CISP-HR Call for Pricing



6 Outlet, Plastic Surge Protection, White Housing - 3' Cord

Model No. CT-6OUTPOW-WHT

Call for Pricing

Black Housing - 12" Cord

Model No. CT-6OUTPOW-BLK-12FT

Call for Pricing



48" long - Perfect size for a 4 ft. rack.

24 Outlet Power Strip

- 24 Outlet AC Power Strip
- 48" Long
- 6' Cord

Model No. 230017\$59.99



Multiple Fan Power Cord

- Input voltage: (115) V
- Fan ventilation units sold separately
- UL listed and CSA certified
- Black finish color
- RoHS compliant
- Not required for integrated fan top models

Model No. FANCORD-4X1

Call for Pricing

DataTronix 1200VA UPS Backup with 3 AC Outlets

Rate Capacity: 1200VA

Power factor: 0.6

Input: 70 - 145VAC 40-70Hz $\pm$ 5%

Output: 110 - 120 VAC 50-60Hz

Waveform: Square wave (battery mode)

Battery recharge time: 10 hours

Model No. DT-UPS-1200 ... Call for Pricing



The latest generation of HDMI cables!

Home Theater, HDTV, Digital TV HDMI® Cables & Adapters

HDMI Cables

Ethernet Channel – Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate Ethernet cable.

Audio Return Channel Allows an HDMI connected TV with a built-in tuner to send audio data “upstream” to a surround audio system, eliminating the need for a separate audio cable.

3D – Defines input/output protocols for major 3D video formats, paving the way for true 3D gaming and 3D home theater applications.

4K Support – Enables video resolutions far beyond 1080p, supporting next-generation displays that will rival the Digital Cinema systems used in many commercial movie theatres.

Content Type – Real-time signaling of content types between display and source devices, enabling a TV to optimize picture settings based on content type.



HDMI Cable

Model No,	Length	Price
CT-HDVC-3	3'	\$3.99
CT-HDVC-6	6'	\$5..19
CT-HDVC-10	10'	\$8.69
CT-HDVC-15	15'	\$12.99
CT-HDVC-30	30'	\$39.99
CT-HDVC-50	50'	\$59.99

4K HDMI Cable

Ten foot 4K HDMI cable, HDMI 2.0, HDCP 2.2, 4K@50/60, (2160p), which is 4 times the clarity of 1080p/60 video resolution, 3D video, Deep Color, DTS-HD Master Audio and up to 32 audio channels for a multi-dimensional immersive audio experience, Up to 1536kHz audio sample frequency for the highest audio fidelity, Simultaneous delivery of dual video streams to multiple users on the same screen, Simultaneous delivery of multi-stream audio to multiple users (up to 4), Support for the wide angle theatrical 21:9 video aspect ratio, Dynamic synchronization of video and audio streams, CEC extensions for control of consumer electronics devices through a single control point.

Model No. 56784.....\$9.99



Swivel Head HDMI Cables

- Available in 3', 6', 10' & 15' Length
- Perfect for tight installations behind televisions
- Swivel connections on both ends



HDMI Cable with swivel head

Model No,	Length	Price
CT-HDVC-3S	3'	\$4.19
CT-HDVC-6S	6'	\$5.39
CT-HDVC-10S	10'	\$9.79
CT-HDVC-15S	15'	\$13.59

HDMI Female To HDMI Female Adapter

Model No. CT-HD-F-F \$4.90 ea.



90° HDMI Swivel Adapter

Model No. CT-HD-90S..... \$6.99 ea.



DataTronix® Economy Next Generation HDMI Cables

- 6' HDMI Cable
- Audio Return Channel
- Ethernet Channel

Model No. DT-HDVC-EC6 \$2.99



USB Type-A to USB Type-B 2.0 Cable - 28/24AWG, Gold Plated, Black, 10ft.

- UL/CSA listed
- Backwards compatible with USB version 1.0 devices

Model No. 5439..... \$9.95 ea.



High Definition HDMI® Splitter & Amplifier Series

Features

- Splits HDMI Inputs to 2, 4 or 8 HDMI outputs
- Identical signal quality on all outputs
- Multiple units can be cascaded to provide more outputs
- Perfect for residential or commercial applications
- Housed in attractive, low profile casings
- Designed with the quality conscious customer in mind
- Affordably priced



HDMI Splitter, 1 Input, 4 Output

Model No. CT-HDVD-MINI1X4SPL.....\$59.00

HDMI 1 × 2 Splitter

Features

- HDMI 1.4b and HDCP 1.4 compliant
- Supports video resolution up to 4K×2K@30Hz
- Supports 3D video format
- Supported color depths: 30-bit, 36-bit and 48-bit/pixel
- Supported audio formats: DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DS
- Compact design for easy and flexible installation



This HDMI Splitter can distribute 1 HDMI input signal source to 2 HDMI displays simultaneously. Supported video resolution is up to 4K×2K@30Hz. It supports digital audio formats: DTS-HD/Dolby true-HD/LPCM 7.1/DTS/Dolby-AC3/DS. The product supports HDMI signal input debounce and output amplification functions and is perfectly compatible with all current HDMI source devices and display devices. desired HDMI source for display on the HDTV. It can be widely used in digital entertainment centers, control centers, conference rooms, schools and corporate training environments.

HDMI Splitter, 1 Input, 2 Output

Model No. CT-HDVD-MINI1X2SPL-V2\$30.00

4K HDMI 5 Port Switch

Features

- HDCP 2.2/1.x and DVI 1.0 compliant
- Support 18Gbps video bandwidth
- HDR, HDR10, Dolby Vision and HLG are supported
- Support video resolution up to 4K2K@50/60Hz YCbCr 4:4:4
- Support 3D video format
- Low power consumption
- Support IR remote control and panel button control
- Compact design for easy and flexible installation



The 4K HDMI 5 Port Switch can switch any of the 5 HDMI sources to 1 HDMI display. Supported video resolution up to 4K2K@50/60Hz YCbCr 4:4:4. This product supports HDR, HDR10, Dolby Vision, and HLG (Hybrid Log-Gamma). It supports all 3D video formats. Boasting a low power consumption and small form factor, this device can be controlled via the front panel button or remote control included in the box. Fully supports HDCP content protection pass-through.

4K HDMI 5 Port Switch

Model No. CT-HDVD-5X1-MINI \$37.50

HDMI & IR Control Signal Extender

Transmit HD Signals with Audio & Infrared Control Over a Single Cat5e/6

Features

- Distributes HDMI & bi-directional infrared control over a single Cat5e or Cat6 4 Pair cable
- Extends transmission distance up to 330' from sources up to 1080p
- No settings or adjustments required
- Uses a single UTP LAN cable (CAT-5e/6)
- HDCP compliant
- Uncompressed HDMI video signal
- Supports full HD 1080p @ 60Hz, 3D, 4K x 2K
- Supports CEC, 24bit Deep Color
- Supports LPCM audio and compressed DTS-HD, Dolby®True HD
- Powered over network cable, only requires a power supply at one end (either transmitter or receiver)

HDMI & IR Control Signal Extender

Model No. CT-HDEXT-330-B Call for Pricing/pair



HD & Infrared Control Over a Single Cat5e/6

- Distributes HDMI signal over a single Cat5e or Cat6 4 Pair cable
- Extends transmission distance up to 180' from sources up to 1080p
- No settings or adjustments required
- Uses a single UTP LAN cable (CAT-5e/6)
- Auto-adjustment of feedback, equalization & amplification
- HDMI V1.3 supported
- HDCP compliant
- Internal ESD protection
- Supports 1080p @ 60Hz @ 48 b/pixels, 3D and 4Kx2K
- LED indicators indicate power and video signal status
- Supports two way Infrared control signals



HD & Infrared Control Over a Single Cat5e/6
Model No. CT-HD/VD-EXT-IR180.....\$85.00/pair

HDMI TO VGA Audio - Video Converter

Features

- No need to install drivers, portable, flexible, plug and play
- No power supply needed
- Compliant with HDMI 1.3, HDCP 1.4
- High bandwidth capability supports 1920 x 1080@60Hz
- Small form factor for tight spaces
- Ideal for legacy monitors with no HDMI input

The Cabletronix CT-HD/VGA-CONV-V2 is a high-definition video converter that accepts a single HDMI input and provides a VGA (video) and single 3.5 mm (audio) output. Deliver a problem-solving solution for applications requiring VGA connectivity from an HDMI output source, such as Blu-ray DVD players and HD set-top boxes. The unit supports HDMI input resolutions of up to 1080p and provides VGA output resolutions up to 1920 x 1080.

HDMI TO VGA Audio - Video Converter (Includes Power Supply)
Model No. CT-HD-VGA-CONV-V2.....\$27.00



VGA to HDMI Converter

Features

- Plug and play
- No power supply required
- HDMI 1.3 compliant
- VGA input supports up to 1920 x 1080@60Hz
- Small form factor for tight spaces
- Perfect for devices with no HDMI output available

The CT-VGA/HD-CONV-V2 is a high-definition VGA to HDMI video converter. Easily input your analog PC RGBHV and analog audio signals and convert to digital HDMI signals. It allows you to connect the VGA (HD-15 connector) output from the PC to the digital HDMI input of the latest HD ready plasma, LCD, LED, or DLP monitor. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

VGA to HDMI Converter (Includes Power Supply)
Model No. CT-VGA-HD-CONV-V2.....\$28.00



Mini CVBS to HDMI Converter

Features

- No need to install drivers, portable, flexible, plug and play
- Provide advanced signal processing with deep colors, resolution, and detail
- Support for NTSC 3.58, NTSC 4.43, SECAM, standard TV formats input
- Support HDMI 1080p or 720p output
- Small form factor for tight spaces

The CT-A/V-HD-MINI converter is a universal converter for analog composite input to HDMI 1080p (60HZ) output. The analog to digital conversion in this module utilizes 10 bits maximum 162 MSPS sampling, black/ white level expansion, color transition improvement, dynamic range expansion, blue stretch, auto-detect and automatically converts the composite signal to 1080p (60HZ) output. Delivering the sharpest, most realistic HD visuals possible.

Mini CVBS to HDMI Converter
Model No. CT-A-V-HD-MINI\$35.00



Need your webcam to follow you around?

2MP AutoPan Webcams

Features

- USB plug-and-play
- 2 MP
- 1920 x 1080 @30fps
- 3.6mm fixed lens
- AI tracking distance: Up to 10ft
- Built-in omnidirectional microphone
- Audio pick up range: Up to 16ft
- Power: USB 2.0, DC5V
- Includes a desktop tripod (only available in black)
- Black or white housing options



The DataTronix Auto Tracking Video Conference Camera is simply plug and play. This compact high-definition webcam features artificial intelligence (AI) auto-tracking. It follows the subject within the center of the field-of-view as they move from side to side, no longer making a presenter limited to one position during an online presentation.

This unit features a built-in omnidirectional microphone to pick up audio from all areas of the room, with a concentration on the center of the video feed. The webcam can be mounted to a monitor, or placed on a desk using an included desktop tripod. It plugs into a standard USB slot in a computer or laptop, and is compatible with a variety of online video platforms, including Zoom, Microsoft Teams, Facebook, YouTube, and more. It is essential for any webcast where the presenter needs to move around, such as a classroom or training room.

2MP Auto Tracking Webcam Black Housing

Model No. DT-WEBCAM-AUTOPAN-BLK\$69.00

2MP Auto Tracking Webcam White Housing

Model No. DT-WEBCAM-AUTOPAN-WHT\$69.00



2MP PTZ Webcam with Built in Microphone

Features

- 2MP CMOS sensor
- 920 × 1080 resolution@30fps/25fps
- USB 2.0 Output (Cable length: 14 ft.)
- 5x Optical Zoom (3.1 to 15.5mm, Auto Focus)
- Built in Microphone (up to 16 ft.)
- 120dB Wide Dynamic Range (WDR)
- 0.1 lux minimum illumination at f/1.2
- Auto Gain Control (AGC)
- Windows XP/7/10, Android, Linux, Mac OS



The DataTronix Pan Tilt and Zoom (PTZ) video conference USB webcam has a 5x Optical zoom range (3.1 to 15.5mm), allowing you to zoom in and out for close up or wide-angle shots to better suit face to face and group meetings. It has a built-in microphone, wide dynamic range and noise cancellation to further enhance the conferencing experience. An included handheld IR remote lets you have control of the camera's PTZ capabilities. Additionally you can set up to 5 preset locations for the webcam to automatically look at certain areas with the touch of a few buttons. The camera can be desktop-mounted or wall-mounted.

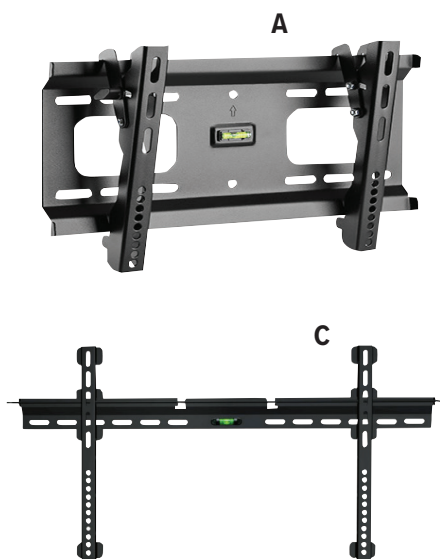
2MP Auto Tracking Webcam Black Housing

Model No. DT-WEBCAM-PTZ\$239.00

DataTronix Webcam Comparison Chart - Which one will work best for your application

Models	DT-WEBCAM-AUTOPAN-BLK DT-WEBCAM-AUTOPAN-WHT	DT-WEBCAM-PTZ
Image Sensor	1/2.7" 2MP CMOS	2MP CMOS
Lens	3.6mm wide angle lens	3.1 to 15.5mm varifocal lens
Video Resolution	1920 x 1080	1920 x 1080
Min. Illumination	N/A	0.1 Lux
Built in Mic	Yes	Yes
Product size	2.55" x 2.59" x 3.40" (64.8 x 65.8 x 86.4 mm)	5.7 x 5.7 x 5.7" (144.8 x 144.8 x 144.8 mm)
Product Weight	0.42 lb. (0.19 kg)	2.04 lb. (0.92 kg)
Power Supply	USB direct power DC5V	DC12V
Special Features	Auto Tracking	Pan Tilt Zoom
Mounting Options	Desktop/Monitor/Black Tri-Pod (included)	Desktop/Wall Mount (included)

Mounts For Plasma or LCD Televisions & Monitors



Wall Mount For Flat Panel Television/Monitor

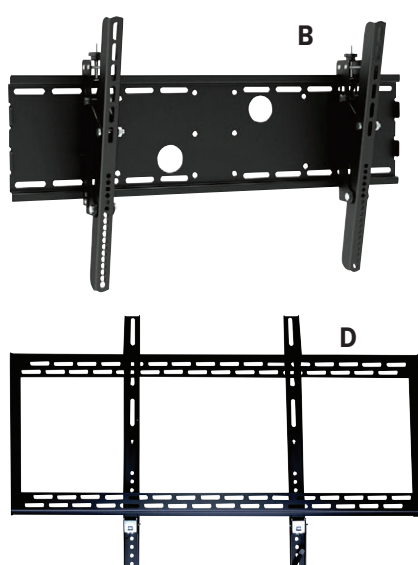
Features

- Universal wall bracket for 32"-55" screens
- Simple design
- Hardware included
- Tilt 0-15°
- Max loading capacity: 165 lbs

Wall Mount For Flat Panel Television/Monitor

A. Model No. CT-PLB-42

Call for Pricing



Ultra-thin LCD/PDP Wall Bracket Mount

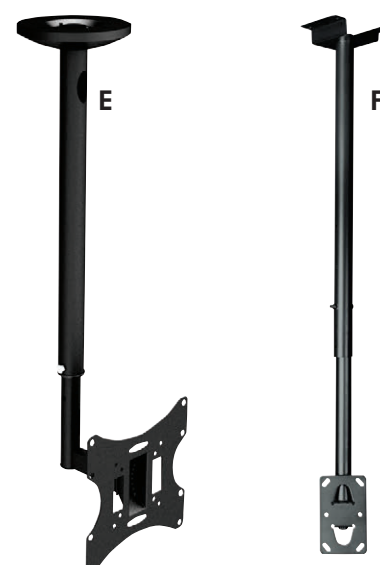
Features

- Universal wall bracket for 37-70 inch screens
- Universal mounting pattern
- Max. hole pattern: 32.45" (824mm) wide and 16.15" (410mm) high
- < 3/4" (19mm) TV to wall
- Bubble level integrated
- Max loading capacity: 132 lbs

Ultra-thin LCD/PDP Wall Bracket Mount

C. Model No. CT-PLB-41E-B

Call for Pricing



Ceiling Television/Monitor Mount

Features

- For VESA standard
- 50/75/100/200/200X100mm
- Suitable for LCD from 23" to 42"
- Steel material, Black finish
- Swivels left and right up to 190° Tilts upwards and downwards up to 20°
- Mast extends 19.7" to 33.5"
- Max loading capacity: 66 lbs

Ceiling Television/Monitor Mount

E. Model No. CT-LCD-504A-B

Call for Pricing

Wall Mount For Flat Panel Television/Monitor

Features

- Universal inclinable wall support for large plasma and LCD TVs
- Modern streamlined design
- Ideal for 37" to 70" screens
- 0° to 15° Adjustable tilt
- 31.5" Back Plate
- Max. loading capacity: 165 lbs

Wall Mount For Flat Panel Television/Monitor

B. Model No. CT-PLB-14B

Call for Pricing

Wall Mount For Large Flat Screen TV/Monitor

Features

- Fits most 60"-100" LED, LCD flat panel TVs
- Fits mounting hole patterns up to 923 x 610mm
- Max. VESA: 600 x 900
- Low profile of 32 mm
- Max loading capacity: 220 lbs

Wall Mount For Large Flat Screen TV/Monitor

D. Model No. CT-LED-7100B

Call for Pricing

Ceiling Mount Adapter For PLB Series Mounts

Features

- Universal ceiling bracket adapter for plasma/LCD mounts
- Rotates 360 degrees
- Mast adjusts from 34.28" - 61.47"
- Max loading capacity: 165 lbs

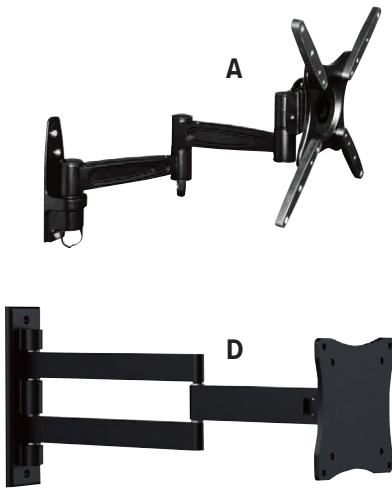
Ceiling Mount Adapter For PLB Series Mounts

F. Model No. CT-PLB-CE3-B

Call for Pricing

Must be used in conjunction with a CT-PLB series wall mount

LCD Bracket Mounts & Cantilever Arm TV Wall Mount Brackets



LCD Bracket Mount For 13" - 42" LCD or LED TVs

Features

- Includes VESA Adapter
- Tilt: 15° up/down, Swivel: 180°
- VESA: 75x75 / 100x100 / 200x100 / 200x200
- TV to Wall: 3.82" - 16.42" (97mm - 417mm)
- Loading Capacity: 44 lbs (20kg)

LCD Bracket Mount For 13"-42" LCD or LED TVs

A. Model No. CT-LCD-141A-B

Call for Pricing

LCD Bracket Mount For 13"-42" LCD or LED TVs

Features

- Includes VESA Adapter
- Tilt: 15° up/down, Swivel: 180°
- VESA: 75x75 / 100x100 / 200x100 / 200x200
- TV to Wall: 3.82" - 10.12" (97mm - 257mm)
- Loading Capacity: 44 lbs (20kg)

LCD Bracket Mount For 13"-42" LCD or LED TVs

B. Model No. CT-LCD-142A-B

Call for Pricing



LCD Bracket Mount For 13" - 42" LCD or LED TVs

Features

- Includes VESA Adapter
- Tilt: 15° up/down, Swivel: 30°
- VESA: 75x75 / 100x100 / 200x100 / 200x200
- TV to Wall: 3.82" (97mm)
- Loading Capacity: 44 lbs (20kg)

LCD Bracket Mount For 13"-42" LCD or LED TVs

C. Model No. CT-LCD-143A-B

Call for Pricing

Extending Television/ Monitor Wall Mount

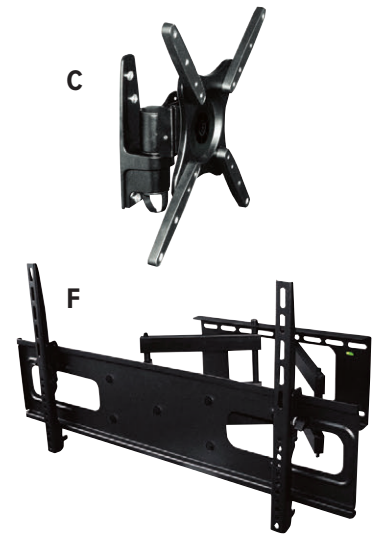
Features

- Black aluminum material
- Max loading capacity: 33 lbs (15kg)
- Aluminum material
- Swivels left and right up to 180° Upwards/downwards up to 70°
- Max extension: 365mm, Min extension: 55mm
- Ideal space saver: folds flat to the wall
- Hardware included

Extending Television/Monitor Wall Mount

D. Model No. CT-LCD-101-B

Call for Pricing



Single Arm Cantilever LCD/ PDP Wall Bracket Mount

Features

- For 32-55 inch screens
- Universal mounting patterns
- Tilt: 10° down, Swivel: 180°
- Max. hole pattern: 16.5" (420mm) wide and 16.15" (410mm) high
- Profile: 3.75" (95mm) - 22.65" (575mm)
- Bubble level integrated
- Color: Black
- Load capacity: 99 lbs (45kg)

Single Arm Cantilever LCD/ PDP Wall Bracket Mount

E. Model No. CT-PA-944B

Call for Pricing

Double Arm Cantilever LCD/PDP Wall Bracket Mount

Features

- Universal mounting patterns
- Tilt: 10° down, Swivel: 180°
- Max. hole pattern 32.25" (820mm) wide and 16.15" (410mm) high
- Profile: 3.75" (95mm) - 22.65" (575mm)
- Bubble level integrated
- Color: Black
- Load capacity: 132 lbs (60kg)

Double Arm Cantilever LCD/PDP Wall Bracket Mount

F. Model No. CT-PA-948

Call for Pricing

Flush Mount LED TV Mounts with Integrated Bubble Level

LED TV Bracket Mount For 32"-55" or 37"-70" TVs

Features

- Easy mounting design
- Built in bubble level
- Universal mounting patterns
- Super Slim design sits just 14.5mm from wall to complement the sleek look of ultra-thin TVs
- Pull-down cords enable easy display attachment and detachment
- Click stand feature holds TV away from wall for cable installation
- Material/Color: Steel/Black
- Loading Capacity: 110lbs. (50kg)
- UL Listed

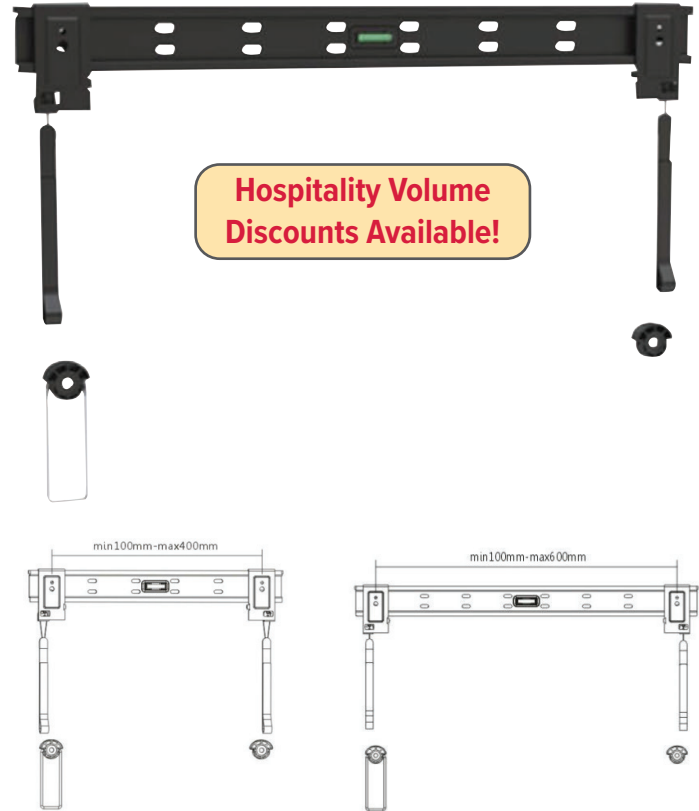
CT-LED-024B

- Overall mount dimensions: 19" x 3.8" (484 x 97 mm)
- VESA: 200 x 200, 300 x 300, 400 x 200, 400 x 400

CT-LED-026B

- Overall mount dimensions: 27" x 3.8" (684 x 97 mm)
- VESA: 200 x 200, 300 x 300, 400 x 200, 400 x 400, 600 x 400, 600 x 600

The super slim wall mount is designed to emphasize the sleek look of ultra-thin flat-panel TVs by placing them just 14.5 mm from the wall. Its pull-down cords enable easy display attachment and detachment. It supports most 32"-55" or 37"-70" flat-panel TVs up to 110 lbs (50kgs) depending on model. Its click stand holds TV away from wall for cable installation.



LED TV Bracket Mount For 32"-55" TVs

Model No. CT-LED-024B\$21.99

LED TV Bracket Mount For 37"-70" TVs

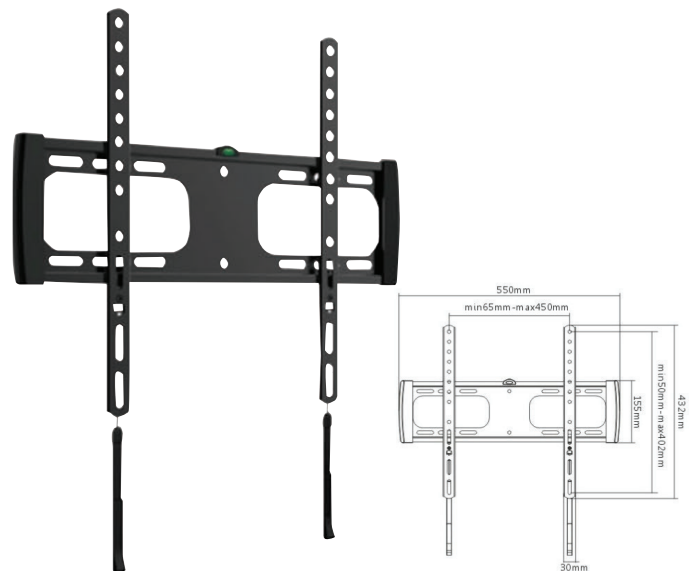
Model No. CT-LED-026B \$23.99

LED TV Bracket Mount For 32"-55" TVs

Features

- Easy mounting design
- Built in bubble level
- Universal mounting patterns
- Overall mount dimensions: 21.65" x 17" (550 x 432mm)
- VESA: 200 x 200, 400 x 200, 300 x 300, 400 x 400
- Super Slim design sits just 13.0 mm from wall
- Pull-down cords enable easy display attachment and detachment
- Material/Color: Steel/Black
- Loading Capacity: 88 lbs (40kg)
- UL Listed

With an impressively low 0.51" (13mm) mounting profile, the CT-LED-755F is a super slim mount perfectly suited for those applications where seamless integration counts most. It supports most 32"- 55" flat panel TVs up to 88lbs (40kg) The new series is part of the Ultra Low Profile Series of fixed mounts offering a sleek and slim design together with simple installation.



LED TV Bracket Mount For 32"-55" TVs

Model No. CT-LED-755F \$23.99

Off-Air Antennas & Accessories

Off-Air Antenna, Outdoor VHF High Band (Channels 7-13) and UHF (Channels 14-36), Ellipse Mix, Intelligent Antenna

- Compatible with VHF channels (7-13) and UHF channels (14-36)
- Features BOSS mode
- 60° VHF beamwidth, and 40° UHF beamwidth
- FM and LTE/5G filtering eliminates radio and cellular phone interference

Ellipse Mix is an advanced over the air TV antenna that automatically adapts its gain in real time to optimize the reception of television signals, ensuring the optimum level of signal is delivered at all times, and is designed from the ground up for the new US broadcast frequencies, filtering any interfering 5G signals above 608 MHz, and providing independent amplification for the VHF and UHF bands. The Ellipse Mix is a high gain directional antenna designed to offer stable and high quality reception of High VHF and UHF only (RF channels 7-36) in mid to long-range receiving scenarios despite continuous changes in weather and transmitting conditions thanks to its exclusive and intelligent built-in TForce amplifier.



Model No. TV-148883 Call for Pricing

Off-Air Antenna, Evoca, Indoor / Outdoor, VHF High Band (Channels 7-13) And UHF (Channels 14-36), With 5G Antenna

- VHF High-Band Frequency Specification: Channels 7-13, (174-216 MHz)
- UHF Frequency Specification: Channels 14-36, (470-608 MHz)
- Ultra-strong ABS Plastic with a metal reflector and stainless-steel mounting hardware
- Powered by Televes exclusive TForce pre-amplifier with integrated 5G filter
- Offers separate preamplifiers for VHF high band and UHF band.
- Integrated 5G antenna is passive
- Dimensions: 13.98 inches x 13.98 inches x 4.0 INCHES (without clamp).
- Repack Ready
- Future use antenna input for NextGen ATSC 3.0 on unit



The Evoca TV-130990 is a versatile VHF high-band, UHF, and 5G antenna/ extension antenna which is ideal for short to medium-range environments. The unit is designed for indoor or outdoor use to receive standard television broadcast signals and has a separate 5G antenna built-in to receive 5G signals outdoors where they are typically stronger. This unit offers numerous mounting options, including mast mount, wall mount, or desktop mount options. The unit offers a sleek attractive cutting-edge design for metro urban and suburban use to 50+ miles. Customers interested in 5G extension can ask about Wilson Electronics Cell Phone amplification hardware available.

Model No. TV-130990 Call for Pricing

Off-Air Antenna, Outdoor/Rooftop Model, Broadband VHF/UHF/FM, 28 Active Elements, 65" Boom Length

- 28 active elements, 17 UHF elements, 11 VHF elements
- Boom length: 65"
- Includes hardware to mount unit to a mast (masting sections not included)
- Coaxial cabling not included
- 75 Ohm F connection interface
- Shipping weight: 7 lbs
- Width: 35"



This rooftop antenna to receives over the air VHF/UHF/FM free to air broadcast signals, this antenna has been specifically tuned for reception of UHF and VHF channels within the range of television channels 2-69. The manufacturer rates this antenna with a 30 mile VHF compatibility, and a 25 mile UHF compatibility, this antenna is for outdoor use only and should not be mounted indoors.

Model No. HD-7694P Call for Pricing

Off-Air Antenna Amplifier, Smartkom, Filters, Mixes, And Processes Up To 3 Separate VHF or UHF Off-Air Antennas, Auto or Manual Programming Via Bluetooth, 54-88 / 174-216 / 470-608 MHz

- Automatic gain regulation of signal in each filter (AGC)
- Plug&Play: the amplifier automatically programs and adjusts the channel level by pressing the auto programming button.
- Indoor power supply included, with a Bluetooth antenna for wireless manual programming of the amplifier



SmartKom Off-Air Antenna Amplifier Processes Up To 3 Separate VHF or UHF Off-Air Antennas, Auto or Manual Programming Via Bluetooth, (54-88 / 174-216 / 470-608)MHZ Compact and intelligent amplifier with digital channel processing, designed for installation outdoors or indoors in family houses. Equipped with (3) inputs to amplify terrestrial signals (VHF+UHF) in which each channel can be individually filtered by any of the (32) available programmable filters. SmartKom is supplied with a 12V (750mA) domestic power supply that is inserted into the coaxial installation and powers it through its output connector. The auto-programming function of the amplifier gives this device the ability to program and adjust by itself, simply by pressing a button. In addition, thanks to the Bluetooth antenna included in the PSU, manual programming of the amplifier can be done wirelessly using a smartphone or tablet, with the ASuite application.

Model No. TV-531981..... Call for Pricing

Off-Air Antenna, Outdoor/Rooftop Model, Broadband VHF/UHF/FM, 65 Active Elements, 168.25" Boom Length

- 64 Active Elements, 35 UHF Elements, 29 VHF Elements
- Boom length: 168.25"
- Includes hardware to mount unit to a mast (masting sections not included)
- Coaxial cabling not included
- 75 Ohm F connection interface
- Shipping weight: 17 lbs
- Maximum Width: 53.5"



This rooftop antenna to receives over the air VHF/UHF/FM free to air broadcast signals, the manufacturer rates this antenna with a 70 mile VHF compatibility, and a 60 mile UHF compatibility. This antenna is for outdoor use only and should not be mounted indoors.

Model No. HD-7698P..... Call for Pricing

Off-Air Antenna, Outdoor/Rooftop Model, Broadband VHF/UHF/FM

- | | |
|-------------------|---|
| • Active Elements | • Includes hardware to mount unit to a mast (masting sections not included) |
| 5016-CM - 15 | |
| 5018-CM - 17 | • Coaxial cabling not included |
| 5020-CM - 28 | • 300 Ohm connection interface, 75 Ohm transformer included |
| • Boom length | • Weight |
| 5016-CM - 50" | 5016-CM - 6 lbs |
| 5018-CM - 74.5" | 5018-CM - 10 lbs |
| 5020-CM - 109" | 5020-CM - 11.5 lbs |



These antennas are a rooftop antenna to receive over the air VHF/UHF/FM free to air broadcast signals with UHF/VHF gain rated at 7.0 dB. This antenna has been specifically tuned for reception of UHF and VHF channels within the range of 54-216 MHz and 470-700 MHz. The manufacturer rates this antenna with a 45 mile compatibility, this antenna is for outdoor use only and should not be mounted indoors.

15 Active Elements, 50" Boom Length
Model No. 5016-CM..... Call for Pricing

17 Active Elements, 74.5" Boom Length
Model No. 5018-CM..... Call for Pricing

28 Active Elements, 109" Boom Length
Model No. 5020-CM..... Call for Pricing

Off-Air Antennas & Accessories



Off-air Antenna Pre-amplifier

Boost XT outdoor preamplifier with TwinAmp Technology separately amplifies VHF and UHF signals for maximum performance on any non-amplified outdoor antenna. Signal selectivity is greatly enhanced and noise & interference is reduced to the lowest levels of any product in this category.



Model No. LNA-200\$54.29



Antenna Preamplifier, 30 dB Gain

- 75 Ohm
- 30 dB Gain
- Single input, 30 - 1002 MHz
- Maximum input 15 dB
- Maximum output 40 dB
- Includes power supply

Model No. 7777-CM\$91.00

Antenna Preamplifier, 16 dB Gain

- 75 Ohm
- 16 dB Gain
- Single input, 30 - 1002 MHz
- Maximum input 34 dB
- Maximum output 50 dB
- Includes power supply

Model No. 7778-CM\$91.00

Off-Air Antenna Auto-Programming Preamplifier, 174-862 MHz, ATSC 3.0 Compatible, LTE Filtering, Accepts Up To 4 Separate Antenna Inputs

- Combines and amplifies up to 4 off-air antenna inputs
- DC power over coax, power supply included
- Adjacent channel capable
- SAW filtering to reject LTE band interference



Combining multiple terrestrial antennas for full reception can often be problematic, the ATSC SMART AMP has been developed to solve these problems. This unit scans all available ATSC channels, and amplifies the weak signals to balance with any stronger input signals so all output channels have balanced and stable power levels. The unit offers a fully automatic channel scan, and features SAW filters to defeat 4G or 5G LTE signal interference. This unit has been tested to be ATSC 3.0 compatible.

Model No. ATSC SMART AMP\$154.00

Off-Air Antenna Profiler

- Input signal level strength readout - no need for a signal level meter
- Can process and convert more than 50 channels
- 50 dB adjacent channel filtering
- Real-time AGC on all individual multiplexes
- Complete flexibility in assigning filters from any input

5 Input off air antenna programmable filter amplifier. Input signal level strength readout - no need for a signal level meter, Can process and convert more than 50 channels, 50 dB adjacent channel filtering, Real-time AGC on all individual multiplexes, Complete flexibility in assigning filters from any input.

Model No. PFA-6700 Call for Pricing



Antenna Masting, 5' Length, 1.25" OD

The EZ-5-18 five length by (1.25) inches outer diameter (18)AWG flush end antenna mast tube is galvanized for weather for a sturdy, long life antenna mast installation. This mast can be used with a swagged end mast of the same OD and AWG to extend another (5) foot by fitting the swagged end of that mast into the open end of this mast tube.

Model No. EZ-5-18\$12.99



LTE Filter

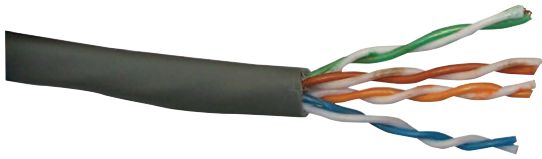
- Blocks interference from 3G/4G Smartphones and transmitters
- Peak Gain: 17.4 dBi at 698 MHz
- Frequencies Passed: 5-699 MHz
- Frequencies Blocked: 700 - 2,000 MHz

The Channel Master LTE filter is designed to clear your off-air antenna television signal path from the common interference created by mobile LTE signals.

Model No. 3201-CM Call for Pricing



- Input /Output Connector: F type
- Weight: 1.6 oz.
- Dimensions: 2.375" x .75" x .75"



Category 5e UTP Network Cable

Features

- Four pair, 24 AWG Solid conductors
- Unshielded
- With rip cord
- Available in Blue, Gray, White, Yellow, Green, Pink or Black PVC Jackets
- Convenient, 1,000' easy pull box
- TIA/EIA 568-B.2, UL 444, and ISO/IEC 11801
- RoHS Compliant easy display attachment and detachment

Cat5e 1,000' Box, Blue Jacket

Model No. DT-CAT5E-BX-BL Call for Pricing/1000'

Cat5e 1,000' Box, Gray Jacket

Model No. DT-CAT5E-BX-GY Call for Pricing/1000'

Cat5e 1,000' Box, Black Jacket

Model No. DT-CAT5E-BX-BK Call for Pricing/1000'

Cat5e 1,000' Box, White Jacket

Model No. DT-CAT5E-BX-WT Call for Pricing/1000'

Cat5e 1,000' Box, Yellow Jacket

Model No. DT-CAT5E-BX-YL Call for Pricing/1000'

Cat5e 1,000' Box, Green Jacket

Model No. DT-CAT5E-BX-GN Call for Pricing/1000'

Cat5e 1,000' Box, Pink Jacket

Model No. DT-CAT5E-BX-PINK Call for Pricing/1000'



Shielded Cat5e Cable

- 4 Pair twisted, 24 Awg Conductors
- Polyethylene tape
- Aluminum foil shielding, 100% coverage
- Tinned copper drain wire
- Blue PVC Jacket with rip cord
- UL Listed, CMR Rated
- Certified to 350 MHz, TIA/EIA-568B.2

Shielded Cat5e Cable

Model No. DT-CAT5E-SHLD-BL Call for Pricing/1000'



Category 5e 24 AWG, 4 Pair Twisted, Shielded Plenum Cable, Blue Jacket

Category 5e 24 AWG, 4 Pair Twisted, Shielded Plenum Cable, Blue Jacket

Model No. CAT5E-SHLD-PL-BL Call for Pricing/1000'



Category 5e 24 AWG, 4 Pair Twisted, Unshielded Plenum Cable, Blue Jacket

Category 5e 24 AWG, 4 Pair Twisted, Unshielded Plenum Cable, Blue Jacket

Model No. CAT5E-PL-BL Call for Pricing/1000'



Category 5e 24 AWG, 4 Pair Twisted, Outdoor Direct Burial, Gel Filled Cable, Black Jacket

Category 5e 24 AWG, 4 Pair Twisted, Outdoor Direct Burial, Gel Filled Cable, Black Jacket

Model No. DT-CAT5E-DBGEL-BLK Call for Pricing/1000'



Cat5e Direct Burial Cable

- 4 Pair, 24 awg, unshielded twisted pair (UTP)
- 350 MHz, inner foam wrap with rip cord
- Outdoor direct burial black jacket

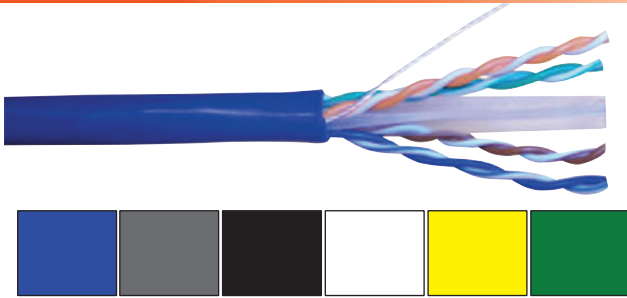
Cat5e Direct Burial Cable - Unshielded

Model No. CAT5E-WBLOCK-BLK Call for Pricing/1000'

Also Available in Shielded

Cat5e Direct Burial Cable - Shielded

Model No. CAT5E-WBLOCK-SHLD-BK Call for Pricing/1000'



Category 6a UTP Network Cable

Features

- Four pair, 23 AWG Solid conductors
- Rated to 500 MHz
- Unshielded, With rip cord
- Available in Blue, Gray, White, Yellow, Green or Black Jackets
- Convenient, 1,000' easy pull box
- TIA/EIA 568-B.2, UL 444, and ISO/IEC 11801
- RoHS Compliant

Cat6a 1,000' Box, Blue Jacket

Model No. DT-CAT6-BX-BL Call for Pricing/1000'

Cat6a 1,000' Box, Gray Jacket

Model No. DT-CAT6-BX-GY Call for Pricing/1000'

Cat6a 1,000' Box, Black Jacket

Model No. DT-CAT6-BX-BK Call for Pricing/1000'

Cat6a 1,000' Box, White Jacket

Model No. DT-CAT6-BX-WT Call for Pricing/1000'

Cat6a 1,000' Box, Yellow Jacket

Model No. DT-CAT6-BX-YL Call for Pricing/1000'

Cat6a 1,000' Box, Green Jacket

Model No. DT-CAT6-BX-GN Call for Pricing/1000'

Category 6 23 AWG, 4 Pair Twisted, Direct Burial Gel Filled, 550 MHz, Black Jacket



Category 6 23 AWG, 4 Pair Twisted,
Direct Burial Gel Filled, 550 MHz, Black Jacket

Model No. CAT6-DBGEL-BLK Call for Pricing/1000'



Cat6 Direct Burial Cable

- 4 Pair, 23 awg, unshielded twisted pair (UTP),
- 550 MHz, inner foam wrap with rip cord
- Outdoor direct burial black jacket

CAT6-WBLOCK-BLK

Model No. CAT6-WBLOCK-BLK Call for Pricing/1000'



Category 6 23 AWG, 4 Pair Twisted, Shielded, 550 MHz, Blue Jacket

Category 6 23 AWG, 4 Pair Twisted, Shielded, 550 MHz,
Blue Jacket (*other jacket colors available*)

Model No. CAT6-SHLD-BL Call for Pricing/1000'



Category 6 23 AWG, 4 Pair Twisted, Shielded Plenum Cable, Blue Jacket

Category 6 23 AWG, 4 Pair Twisted, Shielded
Plenum Cable, Blue Jacket

Model No. CAT6-SHLD-PL-BL Call for Pricing/1000'

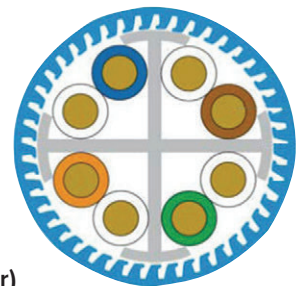


Category 6 23 AWG, 4 Pair Twisted, Unshielded Plenum Cable, Blue Jacket

Category 6 23 AWG, 4 Pair Twisted,
Unshielded Plenum Cable, Blue Jacket

Model No. CAT6-PL-BL Call for Pricing/1000'

Riser Rated or Plenum Rated Cat6A Network Cable, 10 Gig Rated



- 4 Pair UTP (Unshielded Twisted Pair)
- 23 AWG Solid Conductors
- 650 MHz Rated
- Outer Aerated PVC Jacket (CAT6A-10G-BL)
- Plenum Rated Jacket (CAT6A-10GPL-BL)
- Internal Dividing Spline with TTop Separators
- ETL Listed Type CMR

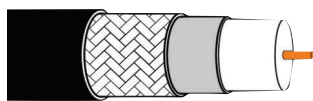
Riser Rated Cat6A Network Cable, 10 Gig Rated

Model No. CAT6A-10G-BL Call for Pricing/1000'

Plenum Rated Cat6A Network Cable, 10 Gig Rated

Model No. CAT6A-10GPL-BL Call for Pricing/1000'

RG-6 Coaxial Cables

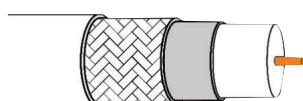


RG-6, PVC Jacket UL Listed, CCS Center Conductor

Black PVC Jacket

Model No. RG6UR-BK-*

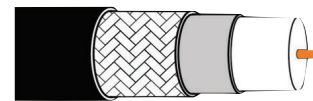
Call for Pricing/1000'



White PVC Jacket

Model No. RG6UR-WHT-*

Call for Pricing/1000'

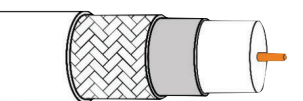


RG-6, PVC Jacket, Solid Copper Center Conductor, Box or Spool

Black PVC Jacket

Model No. PVCX1B

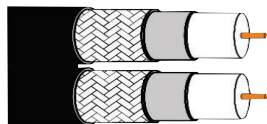
Call for Pricing/1000'



White PVC Jacket

Model No. PVCX1W

Call for Pricing/1000'

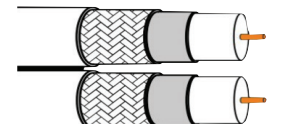


Dual RG-6, PVC Jacket, UL Listed, 3 GHz, Solid Copper Center

Black PVC Jacket

Model No. PVCX2B

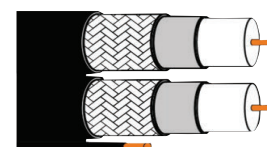
Call for Pricing/1000'



White PVC Jacket

Model No. PVCX2W

Call for Pricing/1000'

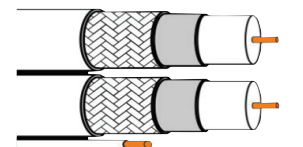


Dual RG-6 w/attached CCS Wire, PVC Jacket, UL Listed, 3 GHz, Solid Copper Center

Black PVC Jacket

Model No. PVCX3B

Call for Pricing/1000'



White PVC Jacket

Model No. PVCX3W

Call for Pricing/1000'

RG-6 Quad, UL Listed, Solid Copper Center

Black Jacket

Model No. RG6QU-RB-BLK-BC Call for Pricing/1000'



RG-6 Quad, UL Listed, CCS Center

Black Jacket

Model No. RG6QU-RB-BLK

Call for Pricing/1000'



White Jacket

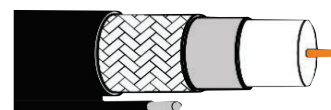
Model No. RG6QU-RB-WT

Call for Pricing/1000'

RG-6, PVC Jacket, with Messenger, CCS Center

Black PVC Jacket

Model No. 107-1233BK-MESG Call for Pricing/1000'



.500 Jacketed hardline cable, flooded for direct burial

Short spools (1,500' - 2,400')

when available

Model No. T-10-500-JB-S

Call for Pricing/1000'



Full 2,400' spool

Model No. T-10-500-JB

Call for Pricing/1000'



RG-6, UL Listed, Solid Copper Center Conductor

Black Jacket

Model No. RG6U-RB-BLK-BC

Call for Pricing/1000'

Blue Jacket

Model No. RG6U-RB-BL-BC

Call for Pricing/1000'

Grey Jacket

Model No. RG6U-RB-GRY-BC

Call for Pricing/1000'

Orange Jacket

Model No. RG6U-RB-OR-BC

Call for Pricing/1000'

White Jacket

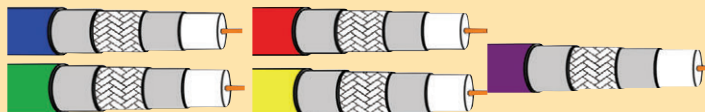
Model No. RG6U-RB-WT-BC

Call for Pricing/1000'

Green Jacket

Model No. RG6U-RB-GN-BC

Call for Pricing/1000'



RG-59 Headend Cable, 2 Full Coverage Foils and 1 - 95% Braid

Blue Jacket

Model No. RG59UHE-BL Call for Pricing/1000'

Green Jacket

Model No. RG59UHE-GN Call for Pricing/1000'

Red Jacket

Model No. RG59UHE-RD Call for Pricing/1000'

Yellow Jacket

Model No. RG59UHE-YL Call for Pricing/1000'

Purple Jacket

Model No. RG59UHE-PL Call for Pricing/1000'

CATV Notch Filter, FM Band, Inline Coaxial Device

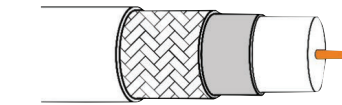
A multichannel notch filter is a coaxial in line filter that can attenuate certain bands of channels and make the audio video signal non-watchable or audible. This filter can be used to make unwanted RF content unwatchable.

Model No. 5KMT-FM Call for Pricing

Plenum Coaxial Cables

Plenum RG-6 Cable, 3 GHz, CCS Center

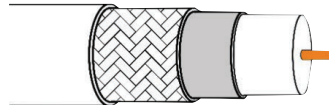
White Jacket - 500' Reel-In-Box
Model No. RG6UP-RB-500
 Call for Pricing/500'



White Jacket - 1,000' Spool
Model No. RG6UP-RL-1000
 Call for Pricing/1000'

Plenum Rated RG-11, 3 GHz, CCS Center

White Jacket
Model No. RG11UP-RL-* Call for Pricing/1000'



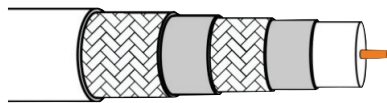
Plenum Rated RG-11, 3 GHz, Solid Copper Center

White Jacket - 500' Spool
Model No. RG11UP-RL-500BC
 Call for Pricing/500'

White Jacket - 1,000' Spool
Model No. RG11UP-RL-1000BC
 Call for Pricing/1000'

Plenum RG-6 Quad Shield, UL Listed, CCS Center

White Jacket - 1,000' Spool
Model No. RG6QPWH1 Call for Pricing/1000'



Plenum RG-6 Quad Shield, Bare Copper Center

White Jacket - 1,000' Spool
Model No. RG6QPWH1-BC Call for Pricing/1000'

Pre-Made Coax Jumpers With Compression DIRECTV Approved F Connectors & Solid Copper, 3 GHz Rated RG-6 Coaxial Cable

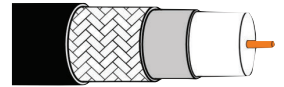


Length	Back Jacket Models	White Jacket Models	PRICE
12"	J12-DRE	J12-DRE-WT	\$1.79
18"	J18-DRE	J18-DRE-WT	\$1.99
24"	J24-DRE	J24-DRE-WT	\$2.19
36"	J36-DRE	J36-DRE-WT	\$2.39
48"	J48-DRE	J48-DRE-WT	\$2.59
60"	J60-DRE	J60-DRE-WT	\$2.79
72"	J72-DRE	J72-DRE-WT	\$2.89
84"	J84-DRE	J84-DRE-WT	\$3.19
96"	J96-DRE	J96-DRE-WT	\$3.39
108"	J108-DRE	-	\$3.59
120"	J120-DRE	J120-DRE-WT	\$3.79

RG-11 Coaxial Cables

RG-11, PVC Jacket, 3 GHz UL Listed, CCS Center

Black Jacket
Model No. RG11U-RL Call for Pricing/1000'



RG-11, PVC Jacket, 3 GHz UL Listed, Solid Copper Center

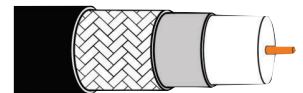
Black Jacket
Model No. RG11U-RL-BC Call for Pricing/500'

RG-11, 3 GHz, CCS Center, Dual Shield

Black Jacket
Model No. 107-1032BK-R11..... Call for Pricing/1000'

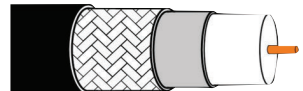
RG-11 Direct Burial, Standard Shield

Black Jacket
Model No. 107-1032-DB-R11 Call for Pricing/1000'



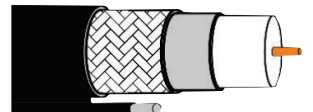
Belden RG-11 Direct Burial, CCS Center

Black Jacket
Model No. 1525A Call for Pricing/1000'



Belden RG-11 Messenger, CCS Center

Black Jacket
Model No. 1524A Call for Pricing/1000'



Connectors



Coaxial Cable F Male Connector, RG-11 Compression Type

A. Model No. CT-RG11CF

Price \$2.49/each

Belden Compression F Connector for dual through quad shield RG-11

B. Model No. FS-11

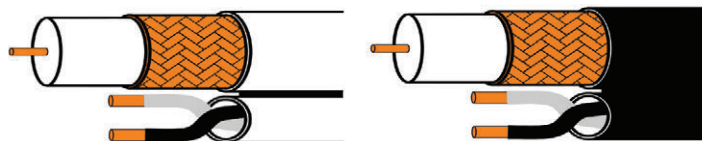
Price \$3.45/each

Belden Compression F Connector for dual through quad shield Plenum RG-11

C. Model No. FS11PL

Price \$3.45/each

Volume discounts available. Call for pricing.



Siamese RG-59 Video cable with Attached 18/2 Power Cable

Siamese CCTV cable allows installers to run both the video and power to security cameras using a single cable. These have a 20 AWG solid copper center conductor, 95% maximum braided shielding, and 75 ohm impedance. Cable is ETL rated.

Siamese RG-59 Video cable with Attached 18/2 Power Cable		
Models	CCTV CABLE-500-WHT	CCTV CABLE-500-BLK
Length	500'	500'
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$71.95	\$71.95
Models	CCTV CABLE-1000-WHT	CCTV CABLE-1000-BLK
Length	1000'	1000'
Color	White	Black
Spool/Reel in a Box	Spool	Spool
Price	\$143.90	\$143.90
Models	CCTV CABLE-500RB-WHT	CCTV CABLE-500RB-BLK
Length	500'	500'
Color	White	Black
Spool/Reel in a Box	Reel in a Box	Reel in a Box
Price	\$71.95	\$71.95



Plenum Siamese RG-59 with Attached 18 AWG, 2 Conductor Power Cable

Plenum rated Siamese CCTV cable, RG-59 video cable with attached 18 awg two conductor cable. solid copper center conductor with 95% copper clad aluminum braiding

Plenum Siamese RG-59 Video cable with Attached 18/2 Power Cable		
Models	H59+182PWH2	H59+182PWH3-500
Length	1000'	500'
Color	White	White
Spool/Reel in a Box	Reel in a Box	Reel in a Box
Price	\$251.45	\$251.45



Siamese Pre-Made Jumpers

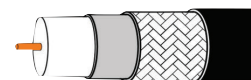
Siamese CCTV jumper cable, RG-59 Video cable with BNC connectors on both ends and attached connectorized 18 gauge, 2 conductor power cable.



Siamese Pre-Made Jumpers		
Models	ST-PMJ25W	ST-PMJ25B
Length	25'	25'
Color	White	Black
Price	\$6.95	\$6.95
Models	ST-PMJ60W	ST-PMJ60B
Length	60'	60'
Color	White	Black
Price	\$11.95	\$11.95
Models	ST-PMJ100W	ST-PMJ100B
Length	100'	100'
Color	White	Black
Price	\$18.95	\$18.95
Models	ST-PMJ150W	ST-PMJ150B
Length	150'	150'
Color	Black	Black
Price	\$27.95	\$27.95
Models	ST-PMJ200W	ST-PMJ200B
Length	200'	200'
Color	Black	Black
Price	\$35.95	\$35.95

RG59 Cable, Swept To 1,000 MHz, Bare Copper Center Conductor, Dual Shield, 95% CCA Braiding

Designed specifically for Power Over Coax (PoC) Video Surveillance cameras.



RG59 Cable, Swept to 1000MHz		
Models	RG59U-95CCA-RL-B	RG59U-95CCA-RL-WHT
Length	1000'	1000'
Color	Black	White
Spool/Reel in a Box	Reel in a Box	Reel in a Box
Price	\$97.90	\$97.90

SecurityTronix Compression Tool

Universal Compression Tool for BNC, RCA and F Connectors

The Securitytronix CT-CCT-BFR2 is a linear compliant compression tool with three universal adapters and an adjustable plunger for F-type, RCA, and BNC compression connectors on RG6 and RG59 coaxial cables. This tool supports Securitytronix compression connectors (CT-BNC59C and CT-RCA59CSP) as well as compression connectors from other vendors.

Model No. CT-CCT-BFR2\$79.99



SecurityTronix BNC and RCA Connectors for RG59 Cable

The SecurityTronix connectors provide the advantages of waterproofing, cable signal ingress/egress elimination, and connection reliability over other connector products. This seal keeps your signal inside the cable and keeps unwanted signals from entering your system through openings in the connection. These connectors were designed with SecurityTronix cable in mind but work with most major brands of RG-59 cables.



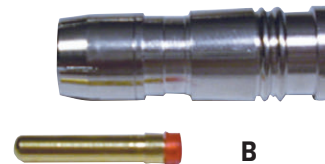
Compression BNC Male Connector For RG-59, Two Piece

A. Model No. CT-BNC59C

Quantity	1-499	500-1,999	2000+
Price	\$.99/each	\$.95/each	\$.89/each

Replacement pin for CT-BNC59C (50/bag)

Model No. CT-BNC59C-PIN\$39.50/bag, \$.79 each



Compression RCA Male Connector For RG-59, Two Piece

B. Model No. CT-RCA59CSP

Quantity	1-499	500-1,999	2000+
Price	\$.89/each	\$.79/each	\$.75/each

Replacement pin for CT-RCA59CSP

Model No. CT-RCA59CSP-PINCall for Pricing

BNC Connector Adapters



BNC Double Female MIL#UG-914/U

Model No. 200-160

Price	\$.89/each
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"F" Male To BNC Female Adapter

Model No. FTBNC

Price	\$1.25/each
-------	-------------



"F" Female To BNC Male Adapter

Model No. 200-130

Price	\$1.79/each
-------	-------------



Push On F Male Adapter

Model No. PF-59

Price	\$.85/each
-------	-------------



BNC Tee Adapter

Model No. 200-150

Price	\$1.99/each
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While we attempt to hold pricing we can not control if our vendors increase pricing.

Images shown may be different from actual product.

RCA Connector Adapters



RCA Female To BNC Male Adapter

Model No. RCATOBNC

Quantity	1-49	50+
Price	\$1.29/each	\$.99/each



"F" Female To RCA Male Adapter

Model No. FF-R

Quantity	1-49	50-99	100+
Price	\$.95/each	\$.79/each	\$.69/each



RCA Female To F Male Adapter

Model No. RCA-F

Quantity	1-49	50-99	100+
Price	\$.89/each	\$.75/each	\$.69/each



RCA Double Female Splice

Model No. 902A

Quantity	1-49	50-99	100+
Price	\$.69/each	\$.49/each	\$.39/each

F Type Terminators



75 Ohm AC/DC Blocking F Terminator, 5-2,300 MHz

Model No. AF-59TPB Call for Pricing



75 Ohm F Terminator, 3 GHz

Model No. F-TM3GZ ... Call for Pricing/100

F Type Connector Adapters



Male Coax Splice, F-Male Threaded to F-Male Push-On, High Return Loss, 3 GHz

Model No. PF-71HR \$2.49



Right Angle F Adapter

Model No. F-90

Quantity	1-49	50+
Price	Call for Pricing/each	



F Male to F Male Adapter

Model No. F-71

Quantity	1-99	100+
Price	Call for Pricing/each	



3 GHz Rated F Female to F Female Barrel Connector

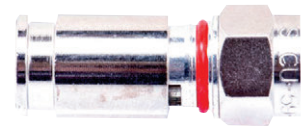
Model No. F-813GZ ...Call for Pricing/100

F Type Compression



RG-11 F Connector for non-plenum dual shielded RG-11 cable

Model No. CT-RG11CF \$2.49



Coaxial Cable F Connector, RG59 Compression Type, Dual Shield Compatible, PVC Compatibility, Non-Plenum Rated.

Sold in packs of 50

Model No. SLCU-59-1..... \$.49/each



RG-6 Compression

F connector designed specifically for the satellite market. 0 - 3 GHz Rated

Model No. PV6UE-05 Call for Pricing



B-Wire Crimp Connector Suitable for 19-26 AWG Wire

Non - Gel Filled

Model No. 300-070 \$14.00/100

Gel Filled

Model No. 300-077 \$14.00/100

Discover exceptional product bargains within the Clearance Section located at the rear of the book

Cable & Connectors



The ProSNS™ connector family

- This family includes F, RCA and BNC universal connectors for series 6 and 59 coaxial cables as well as F and BNC connectors for series 11 coaxial cables
- RGB/mini, plenum, and right angle connectors are also available in traditional configurations
- All ProSNS™ connectors utilize TRUE 360° compression onto the cable providing superior RF shielding performance, 85 dB effective shielding (typical on 60% bonded foil cable)
- The patented floating-pin insertion guide assists with the insertion of the cable into the connector and reduces the insertion force required to provide consistency and easy termination of the connector
- An additional O-ring placed at the base of the connector with a NiTin finish and UV resistant plastic provides a reliable, environmentally sealed product on the cable
- ProSNS™ RG-11 connectors are designed utilizing an air dielectric for better performance and excellent return loss
- Low insertion force is required to compress the connector onto the cable
- The improved design offers the flexibility to be installed with nearly all available compression tools
- Installation requires the industry standard 1/4"-1/4" cable preparation

The ProSNS™ connector family includes F, RCA and BNC universal (fits standard through quad-shield cable) connectors for series 6 and 59 coaxial cables. RGB/mini, plenum and right angle configurations are available in traditional F-Conn® or Snap-N-Seal® configurations.

Models	Description	Price	Color Band	Recommended Tool
RG-59 standard through quad-shield cable				
A FSNS59U	Universal F Connector	Call for Pricing	Red	CPLCCT-SLM
B FSNS59BNCU	Universal BNC Connector	Call for Pricing	Red	CPLCCT-SLM
C FSNS59RCAU	Universal RCA Connector	Call for Pricing	Red	CPLCCT-SLM
RG-6 standard through quad-shield cable				
D FSNS6U	Universal F Connector	Call for Pricing	Green	CPLCCT-SLM
E FSNS6BNCU	Universal BNC Connector	Call for Pricing	Green	CPLCCT-SLM
F FSNS6RCAU	Universal RCA Connector	Call for Pricing	Green	CPLCCT-SLM
G FSNS6PL	F connector for plenum cable	Call for Pricing	Green	CPLCCT-SLM
RG-11 standard through quad-shield cable				
H 716SNS1P11H	Universal F Connector for RG-11 standard through quad-shield cable, 7/16" Nut	Call for Pricing	Black	CPLCCT-S59/11
I 716SNS1P11HPLA	F Connector for RG-11 Plenum cable, 7/16" Nut	Call for Pricing	Gray	CPLCCT-S59/11
J 716SNS1P11HQ	F Connector for RG-11 quad-shield cable, 7/16" Nut	Call for Pricing	Purple	CPLCCT-S59/11
K SNS1P11H-9/16	Universal F Connector for RG-11 standard through quad-shield cable, 9/16" Nut	Call for Pricing	Black	CPLCCT-S59/11
L 90SNS1P11H	Right angle F Connector	Call for Pricing	Black	CPLCCT-S59/11
M FSNS11HBNC	Universal BNC Connector	Call for Pricing	Black	SNSUNI
N FSNS11HBNCPLA	BNC Connector for RG-11 Plenum cable	Call for Pricing	Gray	SNSUNI
O FSNS11QHBC	BNC Connector for RG-11 quad-shield cable	Call for Pricing	Purple	SNSUNI



3 GHz F Attenuator Pad

Model No.	dB Value	Price
CT-PPFAM-3	3	Call for Pricing/each
CT-PPFAM-6	6	Call for Pricing/each
CT-PPFAM-8	8	Call for Pricing/each
CT-PPFAM-10	10	Call for Pricing/each
CT-PPFAM-12	12	Call for Pricing/each
CT-PPFAM-16	16	Call for Pricing/each
CT-PPFAM-20	20	Call for Pricing/each

1 GHz F Attenuator Pad

Model No.	dB Value	Price
CT-FAM-3	3	Call for Pricing/each
CT-FAM-6	6	Call for Pricing/each
CT-FAM-8	8	Call for Pricing/each
CT-FAM-10	10	Call for Pricing/each
CT-FAM-12	12	Call for Pricing/each
CT-FAM-16	16	Call for Pricing/each
CT-FAM-20	20	Call for Pricing/each



Voltage Blocking Coupler, High Return Loss

Model No. VBC-HR\$1.39



Inline Coax Wideband Attenuator Pad, Power-Passing, 30 Db Value, DC-03,000 MHz

Model No. FAMP-20..... \$2.19

While we attempt to hold pricing we can not control if our vendors increase pricing.

Images shown may be different from actual product.



Compression Crimping Tool

A. Model No. CTL-102 \$25.00

F-Type Insertion Extraction Tool

B. Model No. SW-8F \$15.59



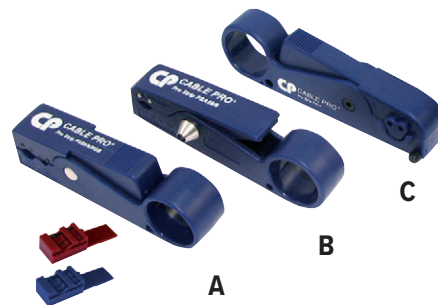
Universal compression crimping tool
Model No. SNSUNI..... Call for Pricing



**Universal multi-media
compression tool, steel**
Model No. CPLCCT-SLM..... Call for Pricing



**Compression crimping tool for
RG-59/6/7/11 connectors**
Model No. CPLCCT-S59-11... Call for Pricing



Stripping tool for RG-59/6/RGB

A. Model No. PS 59-6-RGB .. Call for Pricing
Replacement blades
Model No. PSC 59-6-RGB Call for Pricing

Adjustable stripping tool for RG-59-6
B. Model No. PS 59-6.....Call for Pricing
Replacement blades
Model No. PSC 59-6Call for Pricing

Stripping tool for RG-11
C. Model No. PS-11.....Call for Pricing
Replacement blades
Model No. PSC11.....Call for Pricing

CATV

Adapter Nuts

Nuts - 100/bag

Model No. NUTS \$8.00/100

CATV Adapter Nuts and Washers

Nuts - 100/bag

Model No. NW \$12.00/100



Coaxial Cable Weather Seal

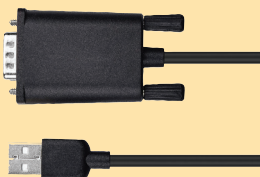
.25", Black 100/Bag

Model No. CT-SEAL \$4.00/100



Electric Tape 3/4"W x 60'L

Model No. ET-1..... \$1.39/roll



USB To Serial Converter

The USBTOSERIAL CONVERTR allows the customer to connect a RS-232 serial device to a USB 2.0 port. This item is commonly used for MDF and IDF ethernet switches residing in a DIRECTV residential experience Lodging and Institutions environment.

Model No. USBTOSERIAL CONVERTR
\$21.99

**Component Video
Interconnect Cable
Plus L/R Audio, RCA
Connections With
(R/G/B/R/W) Color
Band Identifiers**



Length	Models	Color	PRICE
6'	257-606BK	Black	\$4.95
6'	257-606IV	White	\$4.95
12'	257-612BK	Black	\$5.99



**DIN To Component / Composite RCA
Audio Video Breakout Cable**

The DataTronix DIN breakout cable enables the customer to connect any high definition or standard definition component / composite audio-video source to a compatible DataTronix encoder / modulator model. The connections provided are DIN to a component and composite RCA connector break out.

Model No. DT-IPTV-QAM-DINCABLE
\$21.00

**Y Adapter
2 RCA Male
to 3.5mm
Stereo Male**



Length	Black Jacket Modelsa	PRICE
6'	255-045	\$1.59
12'	255-047	\$2.69

Cable & Connectors



All Purpose Nylon Cable Ties

- Nylon 6.6 Weather Resistant Cable Ties
- UV Protected – pass 500 Hour UV Test
- 50 lb Tensile Strength for 8", 11" & 15" Ties
- Conveniently Packaged 100 Per Pack
- Sturdy Non-Releasing Head

8" Black Ties, 100/Pack

Model No. CT-8BL-C..... Call for Pricing

8" White Ties, 100/Pack

Model No. CT-8WH-C Call for Pricing

11" Black Ties, 100/Pack

Model No. CT-11B..... Call for Pricing

11" White Ties, 100/Pack

Model No. CT-11WH Call for Pricing

15" Black Ties, 100/Pack

Model No. CT-15BL Call for Pricing

15" White Ties, 100/Pack

Model No. CT-15WH..... Call for Pricing



A

B

C

D

Coax Wall Plates

Single Coax Wall Plate with F-81 Rated To 3 GHz - White or Ivory

A. Model No. WP-812G-* Call for Pricing

Dual Coax Wall Plate With F-81 Rated To 3 GHz - White or Ivory

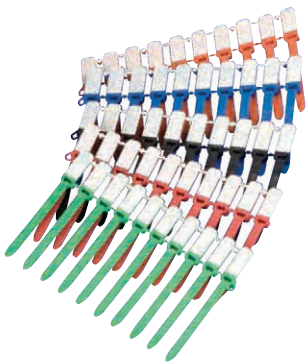
B. Model No. WPD-812G-* Call for Pricing

TV Wallplate, single F offset - White or Ivory

C. Model No. BP4-* Call for Pricing

TV Wallplate, single 3/8" empty Cavity - Ivory

D. Model No. BP1-IV..... Call for Pricing



Write-On Panel Cable Ties

Black

Model No. 16PNLBLK..... Call for Pricing

Blue

Model No. 16PNLBLU..... Call for Pricing

Green

Model No. 16PNLGRN Call for Pricing

Orange

Model No. 16PNLORG Call for Pricing

Red

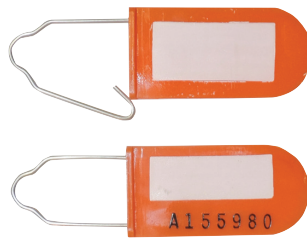
Model No. 16PNLRED Call for Pricing

Purple

Model No. 16PNLPUR Call for Pricing

Yellow

Model No. 16PNLYLW..... Call for Pricing



Orange cable marking tags, serialized, marking surface on both sides

Model No. 17PNLORG \$22.00/100

Also available in Black, Blue, Green, Red & Yellow



Cable Distribution Rings

17/8" Cable Distribution Ring

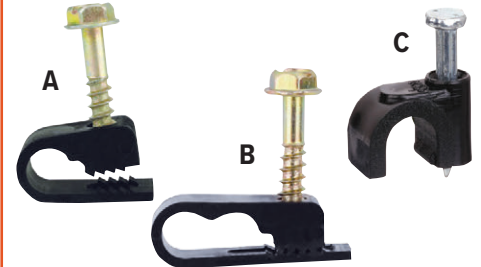
Model No. 310-390.....\$2.99

31/8" Cable Distribution Ring

Model No. 310-392.....\$3.89

51/8" Cable Distribution Ring

Model No. 310-394.....\$4.49



RG-6 Single Screw Clip with 1/2" Screw In Depth & Channel For ground wire

Black - 100/pack

A. Model No. FC-1B \$7.19/100

White - 100/pack

Model No. FC-1W \$7.19/100

RG-6 Dual Screw Clip with 1/2" Screw In Depth & Channel For ground wire

Black - 100/pack

B. Model No. FC-2B \$7.49/100

White - 100/pack

Model No. FC-2W..... \$7.49/100

24 and 48 Port Cat6 Patch Panels

The DT-CATPP624 and DT-CATPP648 are respectively 24-port and 48-port Category 6 patch panels designed for Gigabit Ethernet network applications. These panels support T568A and T568B wiring configurations, are FCC subpart 68 compliant and provide complete 256MHz bandwidth. The DT-CATPP series of patch panels are also reverse compatible to meet Category 5 and Category 5e specifications.

24 Port Cat6 Patch Panel

Model No. DT-CATPP624\$39.99

48 Port Cat6 Patch Panel

Model No. DT-CATPP648\$57.99

DT-CATPP624 Contents

- One DT-CATPP624 patch panel
- Four rack screws
- One package of connection covers & 2" cable ties
- One strain relief bar

DT-CATPP648 Contents

- One DT-CATPP648 patch panel
- Eight rack screws
- Two packages of connection covers & 2" cable ties
- Two strain relief bars



16 PoE Ports Unmanaged Switch Built-In Power 300W

16 Ports support 16 PoE Ethernet Switch is a security monitoring Ethernet switches are designed to Ethernet HD monitor security systems and Ethernet projects. The product is fully integrated with the characteristics of the security monitoring, providing fast packet forwarding capability, the product is fully gigabit transfer rates provide enough bandwidth to ensure clear images and smooth transmission. Provide enough bandwidth demand for high-definition video. UL: Listed

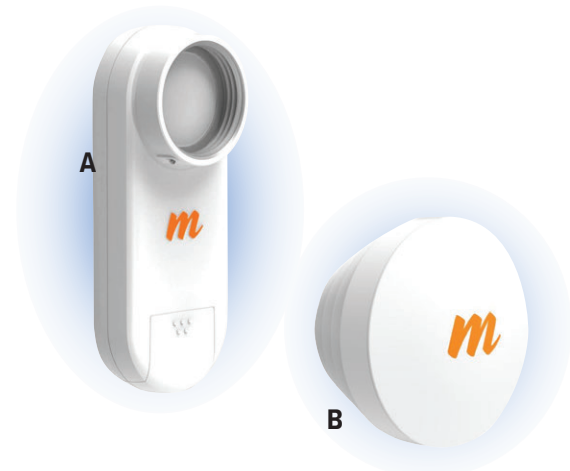
Model No. POE-6018B\$229.00

8 Port Unmanaged Gigabit Switch

Model No. 170191 \$99.90

**24V DC Passive PoE
Power Supply For C5x,
Gigabit Ethernet
Model No. 502-00025.....\$19.00**

**US Power Cord For
Mimosa 502-00025
Model No. 501-00094.....\$4.85**



MIMOSA 4.9-6.4GHz 8dBi Radio for PTM/PTP

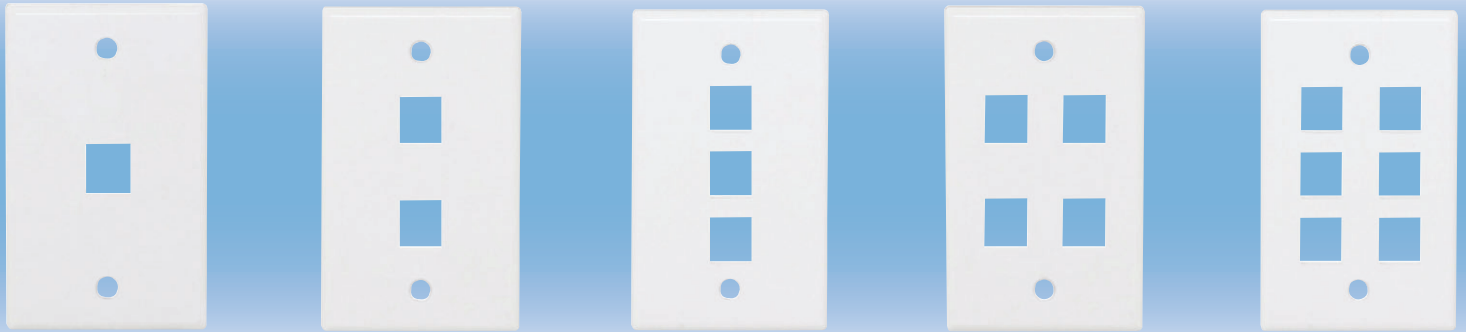
4.9-6.4GHz PTMP/PTP Radio, speeds up to 700 mbps, N5-X modular antenna compatible, 12,16,20,25 dbi options, GB Ethernet, passive poe compliant (24-56v DC), no power supply included (use 502-00025 & 501-00094) Sold as individual units (requires 2 for a data link)

A. Model No. C5X\$114.00

MIMOSA 150mm Horn Antenna for C5X 16 dBi Gain

4.9-6.4 GHz modular twist on antenna, 150mm horn for C5X, 16 dbi gain.

B. Model No. N5-X16.....\$39.69



Modular Wall Plate Systems

Models	Snap In Cavities	Price (1-24)	Price (25+)
A CT-KEY-WP1WH	One	\$.79/each	\$.69/each
B CT-KEY-WP2WH	Two	\$.79/each	\$.69/each
C CT-KEY-WP3WH	Three	\$.79/each	\$.69/each

Modular Wall Plate Systems

Models	Snap In Cavities	Price (1-24)	Price (25+)
D CT-KEY-WP4WH	Four	\$.79/each	\$.69/each
E CT-KEY-WP6WH	Six	\$.79/each	\$.69/each

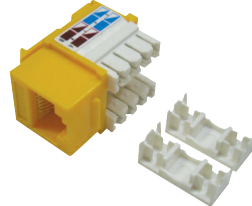
MIX & MATCH TO MEET QUANTITY PRICING



**Category 5e Keystone Insert,
Data Grade, Blue**

Model No. CT-KEY-CAT5E

Quantity	1-10	10-99	100+
Price	\$1.39/each	\$1.29/each	\$1.09/each



**Category 6 Keystone Insert,
Data Grade, Yellow**

Model No. CT-KEY-CAT6

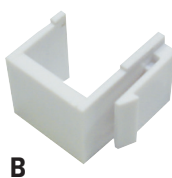
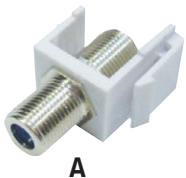
Quantity	1-10	10-99	100+
Price	\$1.99/each	\$1.89/each	\$1.59/each



**Data Coupler, Dual RJ45 For CAT5E
Splice, Inline Device, Black**

Join 2 separate CAT5E cables with RJ45 connectors installed on each cable. This coupler allows the 2 cables to be joined and allow a continuous data flow through the combined or joined cables.

Model No. 310-039\$2.69



A. Keystone Modular Wallplates

Model No.	1-24	25+
CT-KEY-FINS-HF	\$.79/each	\$.69/each
CT-FINS-IV	\$.49/each	\$.39/each
CT-KEY-FINS-IV	\$.59/each	\$.49/each
CT-KEY-RCA-WH	\$1.09/each	-

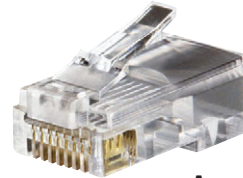
Blank Insert, White

B. Model No. CT-KEY-BLANK

Quantity	1-9	10-99	100+
Price	\$.25/each	\$.20/each	\$.15/each

HD Insert, White

C. Model No. CT-KEY-HD \$3.99



Cat5e Modular Plug 8 Pin, 8 Position

A. Model No. CT-C5MP

Quantity	100	500-900	1000+
Price	\$12.00/100	\$10.00/100	\$8.00/100

Cat6 Modular Plug 8 Pin, 8 Position

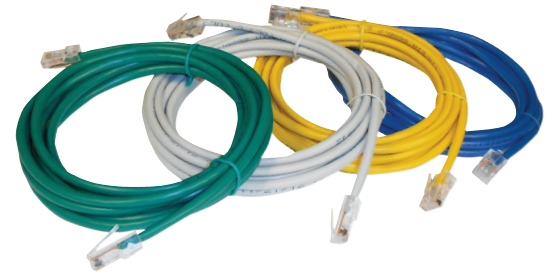
B. Model No. CT-C6MP

Quantity	100	500-900	1000+
Price	\$18.90/100	\$16.90/100	\$13.90/100

Cat5e Patch Cables

Features

- Non-booted, flexible data cables connect hub to patch-panel or wall-outlet to workstation
- Suitable for high-speed data applications, including gigabit ethernet, fast ethernet and 155Mbps TPPMD/CDDI
- 4-Pair 24 AWG-stranded copper UTP cable
- 100% Tested wiring sequence and continuity
- Flame retardant - type CM



- Exceeds EIA/TIA 568B
- UL Listed

Available in Blue (BL), Yellow (YL), Gray (GY), Green (GN), Black (BLK) & White (WT). Please specify color when ordering.

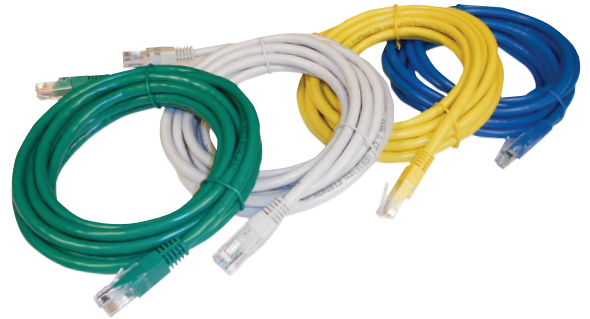
Cat5e UTP Patch Cords									
Models	Color Codes						Length	Price (1-99)	Price (100+)
DT-C5PC-1	BL	YL	GY	GN	BLK	WT	1'	Call for Pricing/each	
DT-C5PC-1.5	BL	YL	GY	GN	BLK	WT	1.5'	Call for Pricing/each	
DT-C5PC-2	BL	YL	GY	GN	BLK	WT	2'	Call for Pricing/each	
DTC5PC-3	BL	YL	GY	GN	BLK	WT	3'	Call for Pricing/each	
DTC5PC-5	BL	YL	GY	GN	BLK	WT	5'	Call for Pricing/each	

Cat5e UTP Patch Cords									
Models	Color Codes						Length	Price (1-99)	Price (100+)
DT-C5PC-7	BL	YL	GY	GN	BLK	WT	7'	Call for Pricing/each	
DT-C5PC-10	BL	YL	GY	GN	BLK	WT	10'	Call for Pricing/each	
DT-C5PC-15	BL	YL	GY	GN	BLK	WT	15'	Call for Pricing/each	
DT-C5PC-25	BL	YL	GY	GN	BLK	WT	25'	Call for Pricing/each	

Fast Media CAT6 Patch Cables

Features

- Ultra-High-Performance Data Communications Cable
- Suitable for 550 MHz High-Speed Transmission
- Critical Network Applications, Gigabit Ethernet, Fast Ethernet, Broadband Audio and Video, 155Mbps ATM, 100Mbps TPPMD/CDDI, NEXT, ELFEXT and RL Bandwidth Compliant
- 100% Tested Wiring Sequence & Continuity
- Terminated to 8-Contact RJ45 Modular Plugs
- Flame Retardant – Type CM
- Exceeds Category-6 ANSI/TIA/EIA 568B.2-1 and ISO/IEC 11801 standards and all proposed Category6 requirements for highspeed, full duplex, parallel transmission protocols
- UL Listed



Available in Blue (BL), Yellow (YL), Gray (GY), Green (GN), Black (BLK) & White (WT). Please specify color when ordering.

Cat5e UTP Patch Cords									
Models	Color Codes						Length	Price (1-99)	Price (100+)
DT-C6PC-1	BL	YL	GY	GN	BLK	WT	1'	Call for Pricing/each	
DT-C6PC-1.5	BL	YL	GY	GN	BLK	WT	1.5'	Call for Pricing/each	
DT-C6PC-2	BL	YL	GY	GN	BLK	WT	2'	Call for Pricing/each	
DT-C6PC-3	BL	YL	GY	GN	BLK	WT	3'	Call for Pricing/each	
DT-C6PC-5	BL	YL	GY	GN	BLK	WT	5'	Call for Pricing/each	

Cat5e UTP Patch Cords									
Models		Color Codes					Length	Price (1-99)	Price (100+)
DT-C6PC-7	BL	YL	GY	GN	BLK	WT	7'	Call for Pricing/each	
DT-C6PC-10	BL	YL	GY	GN	BLK	WT	10'	Call for Pricing/each	
DT-C6PC-15	BL	YL	GY	GN	BLK	WT	15'	Call for Pricing/each	
DT-C6PC-25	BL	YL	GY	GN	BLK	WT	25'	Call for Pricing/each	
DT-C6PC-50	BL	YL	GY	GN	BLK	WT	50'	Call for Pricing/each	



CAT6A Network Interconnect Cable, Booted RJ45 Ends

Length	Blue Jacket/Booted Models	PRICE	Length	Blue Jacket/Booted Models	PRICE
3'	10X6-6A403-S	Call for Pricing/each	10'	10X6-6A410-S	Call for Pricing/each
5'	10X6-6A405-S	Call for Pricing/each	25'	10X6-6A425-S	Call for Pricing/each
7'	10X6-6A407-S	Call for Pricing/each	50'	10X6-6A450-S	Call for Pricing/each

Sell and distribute internet service using existing coax cable

If you provide TV, video surveillance, or other services, now you can offer internet service using existing coax cabling.

A cable modem termination system (CMTS) makes this possible.



Blonder Tongue CMTS EDGE

Plus save over

40% on this best-in-class CMTS equipment
by bundling internet service from



NACEConnect
Business Internet



Do you have customers with coax that want internet access, but do not want to pay for new ethernet wiring?

A CMTS is especially useful for existing buildings that weren't originally wired for twisted pair Ethernet. Many of them already have coax cable because they've had TVs for a while, such as apartments and hotels.

A CMTS allows you to run internet signals through the existing coax system to easily get a wired signal to all the rooms or wireless access points. Using CMTS over the existing coax is a more cost effective solution than it would be to rewire the entire building with twisted pair Ethernet.

Additional feature

NACE will engineer your system and provide a BOM for free. Our legendary 24/7/365 support will assist you with any technical requirements when you're in the field to keep your install smooth, efficient, and effective.



NACEConnect
Business Internet



Competitive

You have access to the same pricing that national providers quote directly.



Reliable

Guaranteed performance of the world-class AT&T network backbone



Available

Transport agreements allow you to quote service in most areas independent of individual provider footprints

TO LEARN MORE - naceconnect.com/cmts-bundle

Let's Connect



Jeffrey Lawton Director of Channel Services | 702-329-3211 | jlawton@nace.tv | naceconnect.com



Blonder Tongue CMTS EDGE 16

- Field-Upgradable 16 Down / 4 Up channels
- DOCSIS/EuroDOCSIS 3.1/3.0/2.0 compatible
- Compact 1RU 19" chassis
- Hot swap dual redundant power supplies for reliability
- Intuitive web-based GUI
- Command line interface via serial/SSH/Telnet
- Integrated cable modem load balancing
- Real time CM/CPE statistics
- QoS support
- Multicast IP video in Edge QAM mode
- Internal DHCP/TFTP server »Support for external provisioning DHCP/TFTP
- Dual-stacked IPv4/IPv6 compatibility
- VLAN tagging via option 60 »L2/L3 DHCP relay
- SFP+ 10GbE / Fast-Ethernet / Serial front panel
- Mixed-Mode feature supports simultaneous operation of DOCSIS 3.1 and 3.0 cable modems

The CMTS Edge is a best-in-class CMTS, supporting DOCSIS 3.1, 3.0, and 2.0, using a powerful Marvell Octeon™ network processor with hardware acceleration.

It's built upon a stable and proven Linux operating system to deliver the industry's best performance, scalability, security, and reliability. With a compact 1RU footprint, the CMTS Edge makes mounting simple and takes up minimal space in a data center. The dual redundant power supplies also provide valuable uptime protection.

Multiple CMTS Edge models are available, giving you the flexibility to deploy an economical solution today, with the availability to scale your throughput as your bandwidth demands increase.

Model No. CMTS EDGE 16 Call for Pricing

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.

Cable Modem, DOCSIS 3.0, built in WiFi, MoCA 1.1

The Veloxite SMCD3GNV5M is a DOCSIS 3.0, 8x4, Wi-Fi voice gateway, with optional battery backup. It is MoCA 1.1 capable, supports PacketCable 1.5 voice, upgradeable remotely to PacketCable 2.0. The SMCD3GNV5M hosts a wireless card for flexibility in Wi-Fi configuration, from Dual Band Dual Concurrent 3x3 Wi-Fi, to Single Band 2.4GHz 3x3 or 2x2.



- Dual Band Dual Concurrent 3x3 Wi-Fi, to Single Band 2.4GHz 3x3 or 2x2
- 3x3 high power wireless output, 50+ ft better wireless range/coverage.
- V1.3 Technical Specifications **HARDWARE FEATURES** F type RF connector for cable network interface Four RJ-45, 10/100/1000Base-TMDI/MIDIX auto sensing switch Ethernet ports Two RJ-11 FXS voice ports One USB 2.0 Type A Connector, Host Port
- It is MoCA 1.1 capable, supports PacketCable 1.5 voice, upgradeable remotely to PacketCable 2.0
- Offers dual band, dual concurrent Wi-Fi with speeds up to 450 Mbps, and advanced wireless configuration enabling simultaneous and seamless transmission of real time HD video (using 5 GHz band) and data (using 2.4 GHz band) all over the home
- Backup battery sold separately.

Dimensions: 9.75" W x 9"D x 3.31"H , Weight: 3.53 lbs.

Cable Modem, DOCSIS 3.0, built in WiFi, MoCA 1.1

Model No. SMCD3GNV5M-433-NA.....\$29.99

Lynx Ultra Converter, Ethernet To Coax Balun, Passive Model

The Lynx Ultra distribution system delivers high definition, standard definition, and analog RF video using CAT5E/CAT6 Ethernet data grade cabling for distribution.

The L40-0257 is a balun that is used to convert the Ethernet cabling to a coaxial cabling 75 OHM output for connection to a set-top box or a display with a compatible RF tuner. State of the art high frequency baluns are used in the hubs and converters to deliver RF frequencies up to 860 MHz without using any bandwidth on the network.



- Passive converter unit, for active model review item L40-0258
- Impedance: 100/75 OHM
- Frequency range: 5-860 MHz
- Lynx Ultra Hubs also required for initial distribution on Ethernet cabling

Model No. L40-0257-X..... \$52.50

MikroTik CCR2116-12G-4S+ Cloud Core Router

- 4 - 10G SFP+ Ports
- 16-Core, 2GHz Arm CPU
- 16GB DDR4 RAM
- M.2 PCIE Slot
- Power Consumption – 60W
- Dual-Redundant Power Supply

The MikroTik CCR2116 with four 10G SFP+ ports has a separate, full-duplex line connected to the Marvell Amethyst family switch chip. 12 Gigabit Ethernet ports are running through the Marvel chip. And there is another Gigabit port connected directly to the CPU. For management purposes. Each group of 4 ports has a separate full-duplex connection to the switch chip. No bottlenecks here. You can expect switch-like throughput in most setups.

The new generation of processors offers mind-blowing performance. Compared to the MikroTik CCR1036 - the powerhouse with a 36 core CPU, the new MikroTik CCR2116 Router can easily double the performance. 16 cores vs 36 cores. Double the performance. There is also an M.2 PCIe slot. It supports SSD's up to 8 terabytes. This could be extremely useful for all kinds of Container apps. But MikroTik is very excited to see what kinds of interesting use-cases you will come up with. If you are a rather large ISP, dealing with dynamic routing, massive BGP's, complex firewall rules, and intricate quality of service configurations. This is the right device for you.

Model No. CCR2116-12G-4S+ Call for Pricing



Specifications	
CPU/ CPU architecture	AL73400 2GHz/ ARM 64bit
CPU core count	16
Size of RAM	16GB
RAM type	DDR4
Storage	128MB, NAND
Number of 1G Ethernet ports	13
Number of 10G SFP+ ports	4
Number of M.2 slots	1
Operating System	RouterOS (License level 6)
Switch Chip Model	98DX3255
Dimensions	17.44" x 7.83" x 1.73" (443 x 199 x 44 mm)
Operating Temperature	-4 to 140°F (-20 to +60°C)
Number of AC Inputs	2
AC Input Range	100V - 240V
Power Adapter Nominal Voltage	12V
Power Adapter Nominal Current	10.8A
Max Power Consumption (Without Attachments)	60W
Max Power Consumption	72W
Certifications	CE, FCC, IC



Indoor 802.11ac 2x2:2 Wi-Fi Access Point

- Wi-Fi Standards • IEEE 802.11a/b/g/n/ac
- Supported Channels
- 2.4GHz: 1-13
- 5GHz: 36-64, 100-144, 149-165
- Concurrent dual band 802.11ac AP, no power adapter

The Ruckus R500 802.11ac indoor access point delivers the ideal combination of capacity, reliability, and affordability for medium-density locations. It's the only 802.11ac AP in its class that includes patented Ruckus antenna optimizations and interference mitigation technologies—the same ones used in our premier highdensity APs—in a low-profile form factor, at a competitive price.

Model No. R500 Call for Pricing



Need help designing your wireless distribution system?

Send us a completed site survey and our engineers will provide a complete list of required parts.

Scan the QR code or download the survey from the link below.

<http://www.northamericancable.com/techinfo/techtools/nacewlansitesurvey.pdf>



NACEConnect

The Easy and Profitable Way to Connect Your Customers

Earn commissions selling internet and other communication services

If you want to maximize the value of your products, whether surveillance, video, digital signage, or data networks, you must make them **Connect**.

Now you can provide a total solution—from camera, screen, and keyboard, all the way to the cloud—with **NACEConnect**.



NACEConnect Business Internet & Voice

Nearly everything you sell and install connects to the internet, so why not sell the internet connection?

- Enterprise-grade dedicated internet
- Affordable business broadband
- Voice over IP with full-featured flexible calling plans
- Nationwide footprint with reliable fiber backbone in most areas



NACEConnect Business TV

- Provide satellite TV for your commercial customers
- The most popular channels in customizable packages
- Solutions for bars, restaurants, hotels, offices and more
- No minimum activation requirements
- Training, support and system design assistance



NACEConnect Cellular Uptime

- Seamless failover to the cellular data network in the event of an internet outage
- Low monthly flat rate with no data overage charges
- No intervention required from you or your staff.
- Quick and easy installation of a small hardware device
- Optional data plans for use as primary connection where traditional ISP service is unavailable



NACEConnect CloudView

- Cloud-based storage and viewing of surveillance video
- Advanced motion detection triggering and alerts
- Real-time offsite backup
- Works with all SecurityTronix cameras and DVRs and many others



NACEConnect SignEase

- Digital signage for any screen with HDMI input
- Tiny hardware, Wi-Fi connected, simple installation
- Cloud-based content management from any web browser
- Vast template library for easy creation of rich graphical and video content

NACEConnect services include:

- Lucrative recurring revenue streams for you
- Easy onboarding
- Full training, support and system consulting from NACE-trained professionals
- All end-user provisioning and monthly billing handled by NACE

If you're interested in building recurring revenue streams and becoming an essential end-to-end solution provider to your customers...

Let's Connect

Jeffrey Lawton
Director of Channel Services

jlawton@nace.tv

702-329-3211

naceconnect.com



NACEConnect

Distributed By



Is your customer's entire business depending on a single connection?



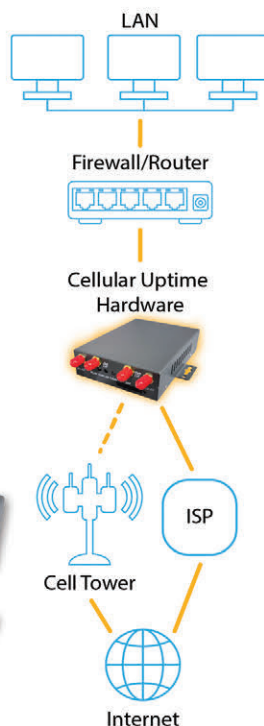
Reliable Internet connectivity has become the lifeblood of almost every business. With more mission critical applications than ever moving to the cloud, an internet outage can severely hamper or even literally shut down your business.

You might have good internet service, but it's not perfect. What if you couldn't process credit card charges for even just a few hours a month? How do you protect your business and eliminate the risk of lost revenue



NACEConnect Cellular Uptime

- Seamless failover to the cellular data network in the event of an internet outage
- No intervention required from you or your staff
- Compatible with any internet service provider and available nationwide
- Low monthly flat rate with no data overage charges
- Quick and easy installation of a small hardware device
- Optional data plans for use as primary connection where traditional ISP service is unavailable



Unlimited Failover Data

Unlimited business essential data during a failover event



Cost Management

End bill shock and down time with guaranteed, affordable protection



Security

Secure all data traffic by operating over a private mobile network



Alerting

Automated alerting and failover protection ensures you are ahead of any network disturbances



24/7 Support

24 hour support teams actively monitor services to make sure your business is always connected

Protect your customer's business while you make monthly recurring revenue.

Let's Connect



Jeffrey Lawton Director of Channel Services | 702-329-3211 | jlawton@nace.tv | naceconnect.com

Easily Beam LAN Signal Between Structures Across Your Sites

5 GHz High-Capacity Wireless Device

Features

- Ultra high performance point-to-multipoint system
- 500Mbps capacity
- State of the art RF design
- 24V Gigabit Ethernet port (passive PoE)
- User-friendly interface

DLB 5-15AC

This device is an ideal solution for capacity demanding applications. State of the art RF design with great output power and sensitivity parameters improve range and capacity over the highest modulation - 256 QAM. The 24V Gigabit Ethernet port (passive PoE) allows utilizing the full capacity of the radio when used in a point-to-point or point-to-multipoint network design. This device is backwards compatible with LigoDLB devices using iPoll mode, which helps to expand or upgrade existing networks using the latest technologies over time.

A. Model No. DLB-5-15AC \$131.84

DLB 5-20AC

5 GHz Outdoor Long Range PTMP Wireless Bridge, 5 GHz 802.11ac (2x2:2) 500 Mbps+ Throughput with IPOLL and ATPC. Gigabit Ethernet Interface, Integrated 20 DBI Antenna And IP65 24 V PoE Injector Included.

B. Model No. DLB-5-20AC..... \$147.69

Distance Recommendations	
PTMP mode	5 km/ 3.11 mi
PTP mode	7 km/ 4.35 mi
Wireless	
WLAN standard	IEEE 802.11 a/n/ac, iPoll 3
Radio mode	MIMO 2 x 2
Radio Frequency Band	5 GHz models: 5.150 - 5.850 GHz FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
Transmit power	Up to 30 dBm (country dependent)
Channel size	5, 10, 20, 40, 80 MH
Modulation	802.11 a/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK) 802.11 ac: OFDM (256-QAM, 64-QAM, 16-QAM, QPSK, BPSK)
Data rates	802.11 ac @ 40 MHz: 400, 360, 300, 270, 240, 180, 120, 90, 60, 30 Mbps 802.11 ac @ 80 MHz: 866, 780, 650, 585, 520, 390, 260, 195, 130, 65 Mbps
Error Correction	FEC, LDPC
Duplexing	Time division duplex
Antenna	
Type	Integrated dual-polarized directional panel antenna
Gain	15 dBi
Wired	
Interface	10/100/1000 Base-T, RJ45
Power	
Power Supply	24 VDC passive PoE (AC to 24 VDC adapter is included in the package)
Power Source	100 – 240 VAC Power consumption (max) 10 W



Wall Mount for DLB-5-15AC

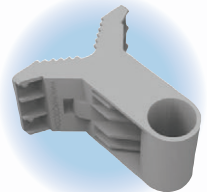
The DLB Wall Mount is a mounting kit for the LigoDLB Series, which allows users to install DLB wireless devices onto walls. The wall mount is designed for quick and effortless installation of DLB 5-20ac, 5-20n, 5-15ac, 5-15n, 5-90n, and 5-90ac devices.

Model No. MB-DLB-WALLMOUNT..... \$12.67

Universal Wall Mount Kit, Compatible with Small Point To Point and Sector Antennas

The MT-QM quick mount is a basic wall mount adapter for small point to point and sector antennas. 35 mm tube diameter, Max. wt: 1.5 kgs.

Model No. MT-QM \$6.00



Environmental	
Operating Temperature	-40 - 149 °F (-40 - 65 °C)
Humidity	0 - 90 % (non-condensing)
Management	
System Monitoring	SNMP v3, Syslog, Web UI, WNMS
Configuration	WebUI, WNMS
Regulatory	
Certification	FCC/IC/CE
Physical	
Dimensions	6.2" x 3.8" x 1.5" (158 x 97 x 38 mm)
Weight	0.4 lbs (185 g)
Mounting	Pole mounting bracket included

Let NACE Help with Your Network Distribution System

- Multicast IPTV switches & support
- Pre-sale consultation
- Professional system design
- Detailed parts lists and quotes
- Detailed site survey tools
- Preconfigure switches & access points
- Installation support
- 24/7/365 Support

Managed Multi-Port Ethernet Switch, For DIRECTV DRE MDF/IDF, Non-PoE

Features

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 10, 24, or 48 RJ45 1 Gig user ports

The Alcatel OmniSwitch 6360 stackable Gigabit ethernet LAN switch family is an industry leading, branch, campus workgroup, and enterprise, value access solution. These are simple, flexible, and secure switches ideal for out-of-the-wiring-closet workstation, access-point, IP telephony and critical Internet of Things (IoT) deployment.

10 Port, Managed Multi-Port Ethernet Switch, 10/100/1000 Mbps, For DIRECTV DRE MDF/IDF, Non-PoE

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 8 RJ45 1 Gig user ports
- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

Model No. OS6360-10-US Call for Pricing

24 Port, Managed Multi-Port Ethernet Switch, 10/100/1000 Mbps, For DIRECTV DRE MDF/IDF, Non-PoE

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 24 RJ45 1 Gig user ports
- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

Model No. OS6360-24-US Call for Pricing

While we attempt to hold pricing we can not control if
our vendors increase pricing.
Images shown may be different from actual product.



- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

48 Port, Managed Multi-Port Ethernet Switch, 10/100/1000 Mbps, For DIRECTV DRE MDF/IDF, Non-PoE

- 10 GigE virtual chassis bandwidth up to 4 units (stacking) or 208 ports
- Advanced layer-2+ features with static routing for both IPv4 and IPv6
- 48 RJ45 1 Gig user ports
- 2 RJ45 1 Gig uplink ports
- 2 SFP uplink 1 Gig
- Fanless model

Model No. OS6360-48-US Call for Pricing

Optional Parts/Services

Ethernet Switch Rack Mount Conversion Kit, Supports Alcatel OS6360-* Series LAN Switches:

The OS6360-RM-19-L is a simple L-bracket for mounting a single OS6360-10/-P10 switch in a EIA 19 inch width equipment rack.

Model No. OS6360-RM-19-L \$11.99

Ethernet Switch Wall Mount Conversion Kit, Supports Compatible Alcatel 6360 Series LAN Switches

Wall mounting kit for OS6360 products, contains universal mounting brackets and screws for wall mounting a OS6360 switch.

Model No. OS6360-WALL-MNT \$13.29

SFP Plus 10 Gigabit Direct Attached Uplink / Stacking Copper Cable, 60 cm

The OS6360-CBL-60CM is an SFP Plus uplink / stacking copper cable for compatible Alcatel OS6360 network switch models.

Model No. OS6360-CBL-60CM \$84.59

Wireless Access Points

Enterprise solution with consumer grade simplicity and low total cost of ownership

No separate hardware controller necessary. Manage groups directly or through the cloud.

Outdoor IP67 Wi-Fi Access Point

Features

- Antenna: built-in 2X2:2 @ 2.4 Ghz and 2X2:2 @ 5 Ghz
- Mounting: Pole/wall mounting
- Dimensions: 9.56" x 9.56" x 3.34"

OmniAccess Stellar OAW-AP1251-US is a high performance 802.11ac wave 2 access point used in outdoor settings for enterprise deployments of all sizes. The OmniAccess Stellar OAW-AP1251-US outdoor WiFi access point provides high throughput and seamless user experience. The high performance and rugged unit supports the IP67 standard for harsh outdoor environments, such as exposure to high and low temperatures, persistent moisture and precipitation, and electrical interfaces include industrial strength surge protection. The OAW-AP1251-US supports a maximum concurrent data rate of 1.267 Gb/s 867 Mb/s in 5 GHz and 400 Mb/s in 2.4 GHz, and dual Gigabit Ethernet links, integrated omni-directional antennas, the OAW-AP1251-US is ideal for medium density outdoor environments. This unit can either be locally managed by on-site cluster architecture or by the cloud based Omnivista 2500 controller-less network management system.



Outdoor IP67 Wi-Fi Access Point

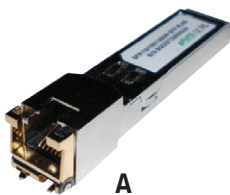
Model No. OAW-AP1251-US \$829.00

Need help designing your wireless distribution system?

Send us a completed site survey and our engineers will provide a complete list of required parts.

Scan the QR code or download the survey from the link below.

<http://www.northamericacable.com/techinfo/techtools/nacewlan/sitesurvey.pdf>



A

RJ-45 Ethernet transceiver module for MDF/IDF switch communication. Works with Cat5, Cat5e or Cat6, 100 meters maximum distance.

A. Model No. DT-SFP-GIG-T

Single-Mode fiber optic transceiver module for MDF/IDF switch communication. 1310nm, 9/125um, LC Connections.

B. Model No. DT-SFP-GIG-S-DX-LC-A

Cisco switch protocol

Model No. DT-SFP-GIG-SM-DX-LC



B



C

Multi-Mode fiber optic transceiver module for MDF/IDF switch communication. 62.5/125um, 50/125um, LC Connections.

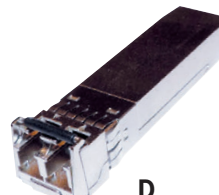
C. Model No. DT-SFP-GIG-M-DX-LC-A

Cisco switch protocol

Model No. DT-SFP-GIG-MM-DX-LC

10 Gigabit Multi-Mode fiber optic transceiver module for MDF/IDF switch communication. 62.5/125um, 50/125um, LC Connections.

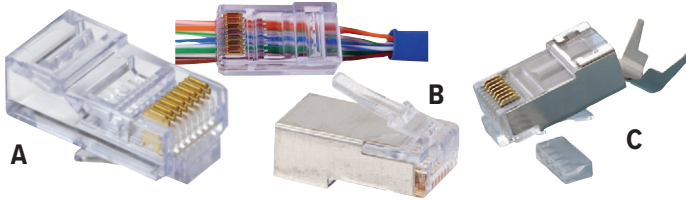
D. Model No. DT-SFP10G-SR-C



D

**Discover
exceptional product
bargains within the
Clearance Section
located at the rear
of the book**

RJ-45 Connectors & Tools



A. EZ-RJ45® CAT 5/5e and CAT 6+ Connectors

The new patented EZ-RJ45 Connector simplifies twisted pair terminations by allowing the wires to be inserted through the connector and out the front. This allows the technician to easily verify the proper wiring order. Electrical performance of the termination is optimized by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. By reducing the distance between the wire twists and contacts, performance is optimized!

EZ-RJ45®CAT 5/5e Connectors -Pack of 50

Model No. 100003C.....\$30.00/50 pack

EZ-RJ45®CAT 5/5e Connectors -Jar of 100

Model No. 202003J..... \$56.79/100 jar

EZ-RJ45®CAT 5/5e Connectors -Pack of 500

Model No. 105003.....\$273.90/500 pack

EZ-RJ45® CAT 6+ Connectors -Pack of 50

Model No. 100010C.....\$32.69/50 pack

EZ-RJ45® CAT 6+ Connectors -Jar of 100

Model No. 202010J.....\$64.00/100 jar

EZ-RJ45® CAT 6+ Connectors -Pack of 500

Model No. 105004.....\$308.25/500 pack

B. Data Connector, Shielded CAT5E/6 With Internal Ground, EZ-RJ45 Modular RJ45 Plug, 8 Pin/8 Position, EZ Style

This model with full shielding provides reduced pair-to-pair crosstalk, and considerably improved immunity to noise at all frequencies.

Pack of 100

Model No. 105020\$139.00/100

Pack of 50

Model No. 100020C.....\$71.39/50

C. Data Connector, CAT6A RJ45 Shielded Modular Plug, 10 GBPS, 8 Pin/8 Position, with Liner, Solid Three Prong

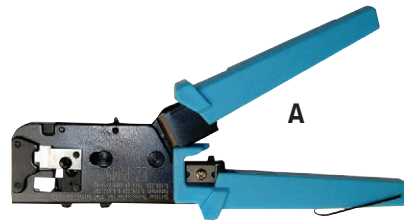
Pack of 50

Model No. 106192C.....\$63.69/50

Double Ended Coax Stripper

- Quickly and easily remove the cable jacket and inner conductors in a single step
- Works with RG7/11/213/8 and RG59/6/6 Quad cable types
- Control the cutting depth by the number of rotations made around the cable
- Preset, no adjustments required

Model No. 15020C..... \$10.39



EZ-RJ45®Crimp Tool

A. Model No. 100004C..... \$57.69

EZ-RJPRO® HD Crimp Tool

B. Model No. 100054C.....\$79.00

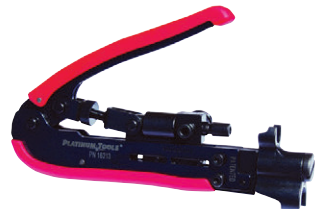
SealSmart™ PROCON Compression

- Head rotates to switch from RG6Q/6 to RG11/7
- Connector positioner rotates to change between F, BNC or RCA
- Adjustable crimp stroke
- Accommodates all standard compression F, BNC, RCA & right angle connectors
- Guide rule on side of tool
- High carbon tool steel frame - built to last

Model No. 16213C\$58.89

Replacement Multi-Head Adapter for 16213C

Model No. 16215C \$12.99



All-In-One Stripping Tool

- Coax (Video) replaceable cassette blades are pre-set, no adjustment required
- Twisted pair (Data) is adjustable and covers a wide range of Cat5e and Cat6 cables
- Multi-conductor cables
- Audio cables
- Built-in cable cutter



- Round cables (Voice) is adjustable and covers a wide range of telephone round and flat satin cables
- Includes braid comb, Velcro, for folding the braid back over the cable jacket

Model No. 15018C \$14.00

ezEX RJ-45 Termination Systems

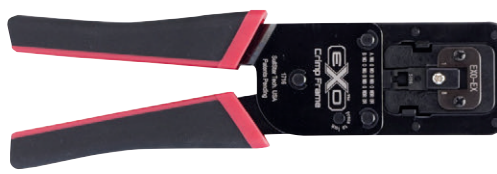


EXO Crimp Frame® with EZ-RJ45® Die

- EZ-RJ45® Die is easily interchangeable
- Reversible EZ-RJ45 Die for ambidextrous operation
- Connectors lock into tool for correct positioning during crimp
- Push button lock for easy storage
- Ergonomic comfort grip TPR handles
- Compatible with EZ-RJ45 connectors: EZ-RJ45 Cat5e and Cat6, Shielded Cat5e and Cat6 connectors (internal and external ground)

The patented EXO Crimp Frame® with EZ-RJ45 Die was developed to terminate the original pass through EZ-RJ45 connectors which are a standard in the industry. The EXO Crimp Frame highlights a push button lock, ergonomic TPR handles, and works with the EXO-EX Die™ (P/N 100071C) for terminating ezEX-RJ45™ connectors.

EXO Crimp Frame® with EZ-RJ45® Die	
Model No. 100062C	\$84.00
EZ-RJ45 Die for EXO Crimp frame	
Model No. 100072C	\$45.25
EXO Crimp Frame® (Frame only w/o crimp die)	
Model No. 100060C	Call for Pricing
Replacement blade for EZ-RJ45 Die	
Model No. 100072BL	Call for Pricing



EXO Crimp Frame® with EXO-EX Die™

- Single cycle crimp and flush trim
- EXO Die™ is easily interchangeable
- Reversible EXO Die™ for ambidextrous operation
- Connectors lock into tool for correct positioning during crimp
- Push button lock for easy storage
- Ergonomic comfort grip TPR handles
- Terminates larger cables such as Cat6 and Cat6A

The patented EXO Crimp Frame® with EXO-EX Die™ was developed to terminate larger cables and conductors (typically Cat6/6A). EXO Crimp Frame with EXO-EX Die™ is designed for the ezEX-RJ45® connectors. The ezEX-RJ45 connectors are an RJ45 pass through connector, developed for larger cables and conductors. Integrated Hi-Lo stagger for improved performance, one piece design pass through system. The EXO Crimp Frame has a patented push button lock, ergonomic TPR handles and works with the EZ-RJ45® Die for terminating EZ-RJ45 connectors

EXO Crimp Frame® with EXO-EX Die™	
Model No. 100061C	\$84.00
EXO-EX Die for EXO Crimp frame	
Model No. 100071C	\$45.25
EXO Crimp Frame® (Frame only w/o crimp die)	
Model No. 100060C	Call for Pricing
Replacement blade for EXO-EX die	
Model No. 100071BL	Call for Pricing

ezEX44 Connectors

This connector is designed for larger cables and conductors. Features a unique integrated Hi-Lo stagger load bar and allows 'big' conductors to pass through the front end of the connector making it easy to verify the wiring sequence before terminating. This connector is typically used with Cat6 and is terminated with EXO Crimp Frame® and EXO-EX Die™ (100061C). Cat-5e/6/6A compliant, works with solid or stranded 24-22 AWG conductors.



ezEX44 Connectors - 50/Clamshell	
Model No. 100028C	\$32.79
ezEX44 Connector. 100/Jar	
Model No. 202044J	\$63.49
ezEX44 Connectors, Bulk. 500/Bag	
Model No. 105024	Call for Pricing

ezEX48 Connectors

This connector is designed for larger cables and conductors. Features a unique integrated Hi-Lo stagger load bar and allows larger conductors to pass through the front end of the connector making it easy to verify the wiring sequence before terminating. This connector is typically used with Cat6A and is terminated with EXO Crimp Frame® and EXO-EX Die™ (100061C). Cat-6A compliant, works with solid or stranded 23-22 AWG conductors.



ezEX48 Connectors, 50/Clamshell	
Model No. 100029C	\$39.79
ezEX48 Connector. 100/Jar	
Model No. 202048J	\$76.89
ezEX48 Connectors, Bulk. 500/Bag	
Model No. 105025	Call for Pricing

ProSeries RJ45 Pass-Through Products

DataTronix the industry-leading brand for RJ45 modular plug innovation and performance solutions is proud to introduce our ProSeries Pass-Through RJ45 product line. The DataTronix ProSeries have the most innovative and ground-breaking improvements to RJ45 design and performance since the introduction of the original pass-through RJ45.

The DataTronix ProSeries Pass-Through RJ45 modular plugs are specially designed to provide greater electrical conductivity, improved cross talk performance, and the best PoE/PoH performance of any pass-through RJ45; all critical to supporting today's LAN cable applications.

DataTronix Unshielded Pass Through RJ45 Modular Plugs for Cat5e UTP

Solid 24AWG, (Cat5e) Stranded 28-26AWG, Wire Conductors 0.037 - 0.041" (0.95 - 1.05mm), Max Cable OD 0.255" (6.5mm), UL94 V0 Commercial Rated, Blue Tint.

Container of 100

Model No. DT-CAT5E-RJ45-100 \$46.25

Container of 500

Model No. DT-CAT5E-RJ45-500 \$209.00



DataTronix Unshielded Pass Through RJ45 Modular Plugs for Cat6 UTP

23AWG Solid (Cat6 UTP), 26-24AWG Stranded (Cat5e/6 UTP), Wire Conductors 0.037-0.041" (0.95-1.05mm), Max Cable OD 0.276" (7.0mm), UL94 V0 Commercial Rated, Green Tint.

Container of 100

Model No. DT-CAT6-RJ45-100 \$51.95

Container of 500

Model No. DT-CAT6-RJ45-500 \$235.50

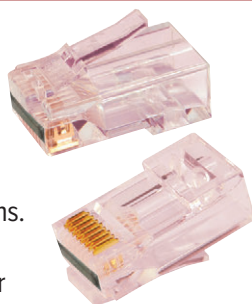


DataTronix Unshielded Pass Through RJ45 Modular Plugs with Cap45® Cat6/6a UTP

Cap45® is a **MUST HAVE** for all pass-through RJ45 modular plugs used in commercial and certified system terminations. Cap45® isolation cap snaps onto the front of the pass-through RJ45 modular plug after termination. With Cap45, you will completely eliminate any electrical risk from exposed wire ends associated with pass-through RJ45 modular plugs. A beneficial feature when dealing with PoE devices as well as other networking equipment. 23AWG Solid (Cat6/6a UTP), Conductor Type(s): Solid and Stranded, Hi/Lo Stagger, Wire Conductors 0.041 - 0.047" (1.05-1.2mm), Max Cable OD 0.291" (7.4mm), UL94 V0 Commercial Rated, Red Tint.

Container of 100

Model No. DT-CAT6-6A-RJ45-100 \$62.95



DataTronix Integrated Snagless Strain Reliefs for all DataTronix CAT5E ONLY UTP & STP RJ45 Mod Plugs

Commercial Rated UL94 V0 - Clear

100 pcs/Resealable Bag

Model No. DT-CAT5-STRAINBT-100 \$28.90

DataTronix Integrated Snagless Strain Reliefs for all DataTronix CAT6/6A ONLY UTP & STP RJ45 Mod Plugs

Commercial Rated UL94 V0-Clear

100 pcs/Resealable Bag

Model No. DT-CAT6-STRAINBT-100 \$28.90

- **RATCHETED**-for Full Compression Cycle
- **REINFORCED STEEL**-for Greater Stability
- **SLIDING TOOL LOCK**-to keep the crimp tool closed when not in use
- **WIRE PATTERN ALIGNMENT** -Where you most need it, right under the crimp socket
- **BLADE STORAGE**-Built into the Tool Handle for Easy Access
- **MULTI-FUNCTION**-Cuts and Strips Cable. Crimps External Ground Arm
- **IMPROVED TRIMMING BLADE DESIGN** - with a fixed blade position to deliver consistent flush-to-the-plug wire trimmings



DataTronix ProSeries Heavy Duty RJ45 Crimp Tool

for all DataTronix Unshielded & External/Internal Ground Shielded RJ45 Mod Plugs. Includes: Ext Ground Crimp Die, Tool Lock, Click Socket, Blade Storage, Stripper/Cutter.

Model No. DT-RJ45-CRIMPTOOL \$93.90

DataTronix Professional Adjustable LAN Cable Stripper & Cutter

For Shielded & Unshielded Cat7a/6a/6/5e UTP/STP.

Includes Wire Straightener- Blue

Model No. DT-UTP-STP-STRIPTOOL \$15.50



Coaxial Cable Radial Crimping Tool, RG59/6 Compatible Radial And Double Bubble Multimedia Connectors

- Required tool for RG59/6-WR and RG59/6-NR series radial connectors
- Robust blue handle grips ezEX-RJ45™ connectors



The CPLCRBC-BR is a high-grade crimping tool which is compatible with Belden (360) degree radial crimp and double bubble connector series. This crimp tool features a self-adjusting plunger head which allows a true, secure, and permanent (360) degree compression crimp every time. This tool has a variety of fixed compression dies with the tool to accommodate F, RCA, and BNC connector types across PVC, plenum, and mini cable jacket types.

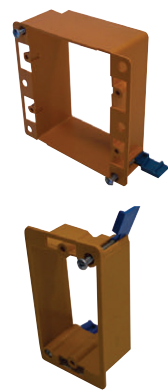
Model No. CPLCRBC-BR..... \$115.29

Locking RF Terminator Removal Tool

These are tools used for the unlocking of CTP-59C and other compatible manufacturer locking terminator units. In some environments open F connections are closed with a locking terminator, such as the CTP-59C, to avoid any illegal coaxial connection and signal theft. A locking terminator is the item used to accomplish this, 4" Long or 7" long options.



Model No. CT-904..... \$12.99
Model No. LTL-7.....\$17.99



Double Gang Plastic Outlet Boxes with Adjustable Screw Mounts

Model No. CT-LVB-DBL				
Quantity	1-9	10-99	100-499	500+
Price	Call for Pricing/each			

Single Gang Plastic Outlet Boxes with Adjustable Screw Mounts

Model No. CT-LVB-SGL				
Quantity	1-9	10-99	100-499	500+
Price	Call for Pricing/each			



Post construction bracket to hold a single gang wall plate when no box is present behind the wall. Wall plate mounts securely to CT-4101.

Model No. CT-4101 (MP-4101) \$7.99

Digital / Analog RF Signal Level Meter

- Direct input by frequency from 54 MHz - 870 MHz
- Direct input by channel number
- DVB average power measurement
- Measures Analog, 8VSB, QAM 64/256, DVB-C, BER & MER
- Simultaneously displays video carrier and audio carrier strength, and V/A measurement
- Switchable between dBmV and dBμV
- Tilt measurement of three user definable channels
- Carrier-to-noise ratio measurement
- Trunk voltage measurement
- Large 2 5/8" x 1 3/4" dot matrix LCD display with back light
- Battery powered handheld model with internal NiMH battery and included charger
- Battery life = 5 hours



The CT-DLM870D is a handheld signal level meter that is designed to provide the most valuable features at reduced cost. It performs fast and efficiently to take carrier amplitude measurements. It can also take the direct power measurement of DVB signals. This unit simultaneously displays video carrier, audio carrier strength, V/A measurements, Tilt measurement, C/N measurement and Trunk voltage measurement. This unit is perfect for balancing digital QAM and analog headend systems, reading digital off air signal levels, troubleshooting RF distribution systems and taking measurements at individual drops. With the ability to read individual audio and video carriers along with line voltage and carrier to noise levels, the CT-DLM870D is perfect for all levels of installers and technicians.

Digital / Analog signal level meter

Model No. CT-DLM870D \$759.00

Replacement power supply

Model No. CT-DLM870D-PS \$19.99

Replacement battery

Model No. CT-DLM870D-BATT \$42.99

Interconnect cable to connect CT-DLM870D to a PC

Model No. CT-DLM-CABLE \$10.00

Big features, small package

Your go to meter for installation, remote monitoring, or troubleshooting.
Rugged, light-weight, and extremely easy to use.

H30D+ FULL (QAM) Spectrum Analyzer

Features

- Screen: 2.8" TFT (400 x 240) full color
- Unit weight: 1.39lbs
- Interfaces: Bluetooth, WIFI 2.4/5 GHz, Ethernet 1GB, USB 2.0
- Standards: ITU-T J.83 Annex A/B/C standard
- Modulation: 16/32/64/128/256 QAM, QPSK
- QAM Measurements: Power, MER, Pre and Post BER, C/N, Constellation Zoom
- ATSC 1.0 Measurements: Power, MER, C/N, CBER, VBER, Constellation
- ATSC 3.0 Measurements: Power, MER, C/N, LDPCBER, BCHBER, Echoes100% Automatic - Signal detection



Ready for Nextgen ATSC TV?

The H30D+ FULL is a lightweight, compact and robust equipment that includes a full range of tools and functionalities to successfully perform installation, maintenance and troubleshooting tasks in both analogue networks and digital networks with ATSC, and QAM channels. It stands out for incorporating advanced DOCSIS 3.1 measurements, automatic monitoring of the desired channel, double-check connectivity and the information about a QAM channel program content, among other powerful functions. Operating the meter is more flexible thanks to its multiscreen system: the user can manage it remotely and display its contents on their own mobile device (Android, iOS or PC). Wi-Fi and Bluetooth connectivity will let you work with all the conveniences of a wireless connection. In addition, to make the use of the smartphone even more natural, a universal bracelet is provided for devices up to 6".

Model No. TV-593985..... Call for Pricing

Carrying Case

Model No. TV-593239 Call for Pricing



Remote Control & Measurements
In an affordable package



Rugged and Light Weight
Total reliability



Intuitive User Interface
Reducing the learning curve



Lab-quality Precision
Real-time digital processing



100% Automatic
Signal detection



Comprehensive Functions
With pass/fail indicators

QAM/8VSB/Analog TV Analyzer

Features

- Barscan Display
- Power Range: -50 dBmV to 40 dBmV
- 75 OHM interchangeable "F" connector
- Quality Fail-Marginal-Pass: measuring quality and power up to 140 channels in blocks
- Data Logger
- Custom Memory Plans
- Leakage/ingress measurements (leakage testing antenna sold separately)
- Product Dimensions: 6.3" x 3.8" x 1.4"
- Item Weight: 1.1 lbs
- USB Micro: for battery charge and PC interface for SW upgrade and memory plan management
- Battery: Rechargeable Li-Pro battery pack, estimated 3 hour duration



The BT-QAM-PRO is an economical feature packed test instrument for analyzing CATV QAM and broadcast 8 VSB digital frequencies, as well as NTSC analog channels. The BT-QAM-PRO comes complete with a soft water resistant case and a micro USB charging/PC cable. This meter has a operating frequency range compatibility of 5-1,000 MHz (CATV channels T7 to 158), and features popular measurements such as: MER, aBER, bBER, noise margin and level measurements.

QAM/8VSB/Analog TV Analyzer

Model No. BT-QAM-PRO..... \$595.00

Professional Sat., TV, CATV & Optical Analyzer

The BTPRO-8000S is a professional HD Tablet/Touch Analyzer with a frequency range of 4 to 2610 MHz. The analyzer features a 7-inch 16:9 color display touchscreen, is compact in size, and lightweight. The BTPRO-8000S is ideal for analyzing and logging in the lab or out in the field - HD/SD QPSK/8PSK Satellite, COFDM, QAM, NTSC, DVBS/S2 Broadcast, as well as Fiber Optic, and Wi-Fi signals.

Features

- Auto Discovery System automatically detects and selects analog and digital COFDM/QAM TV signals in both Measurement and Spectrum modes
- Help Function automatically identifies all the signals with digital modulation - SAT, TV, and CATV
- Digital Measurements include Digital Power, MER, BER, PER, LDPC, BCH, Noise Margin, MER vs Carrier
- Automatic Assistant provides Signal Quality analysis, Channel Scan memorization
- Barscan TV & CATV Function tests from 10 to 100 channels on one (1) screen
- Buzzer & Noise Margin provided via real time graph
- USB on the go for long term logging and storage



- Remote Monitoring and Control capability
- Memory Functions supported - Auto, Manual, and Logger

HD Tablet / Touch Signal Analyzer

Model No. BTPRO-8000S\$3,575.00

1 GHz Multi-Media Drop Amplifiers



Features

- For use in CATV systems that require two way multi-media networking
- Low noise
- High isolation between ports
- ESD Protection and zinc die cast housing prevent RFI
- 6KV Surge protection on all ports
- Perfect for digital cable applications
- Remotely powered over coax
- Line powered through RF port or externally powered through power in port
- CT-BDA24 Model has an adjustable gain control & a switchable FM trap

Single input, single output,
15 dB forward gain,
passive return

Single input, two outputs,
10 dB forward gain,
passive return

Single input, single output,
15 dB forward gain, 10 dB
reverse gain

Single input, single output, 24
dB forward gain, 12 dB reverse
gain with adjustable gain
control & switchable FM trap

A. Model No. CTHDA-1P		
Quantity	1-9	10+
Price	\$34.99/each	\$29.99/each

B. Model No. CTHDA-2P		
Quantity	1-9	10+
Price	\$34.99/each	\$29.99/each

C. Model No. CTHDA-1A		
Quantity	1-9	10+
Price	\$38.99/each	\$34.99/each

D. Model No. CT-BDA24		
Quantity	1-2	3+
Price	\$47.99/each	\$44.99/each



1,000 MHz, 30 dB Gain Amplifier
with Passive Return

Features

- 30 dB Forward gain
- 54-1,000 MHz Forward bandwidth
- 5-42 MHz Passive return path
- 10 dB Forward gain control range
- Built in FM trap switch

Model No. CTA-30A \$39.99

Channel Master Antenna Preamplifier's



Channel Master Antenna
Preamplifier, 30 dB Gain

- 75 Ohm
- 30 dB Gain
- Single input, 30 - 1002 MHz
- Maximum input 15 dB
- Maximum output 40 dB
- Includes power supply

Model No. 7777-CM \$91.00



Channel Master Antenna
Preamplifier, 16 dB Gain

- 75 Ohm
- 16 dB Gain
- Single input, 30 - 1002 MHz
- Maximum input 34 dB
- Maximum output 50 dB
- Includes power supply

Model No. 7778-CM \$91.00



Off-air Antenna Pre-amplifier

Boost XT outdoor preamplifier with TwinAmp Technology separately amplifies VHF and UHF signals for maximum performance on any non-amplified outdoor antenna. Signal selectivity is greatly enhanced and noise & interference is reduced to the lowest levels of any product in this category.

Model No. LNA-200 \$54.29



870 MHz, 30 dB Gain Amplifier With Active Return

Features

- 30 dB Forward gain
- 54-870 MHz Forward bandwidth
- 20 dB Reverse gain
- 5-42 MHz Reverse bandwidth
- Forward gain & slope control
- Reverse gain control
- 10 dB Forward gain control range

The CTA-30-870AR is a commercial quality amplifier with 30 dB of forward gain across a bandwidth of 54 - 870 MHz. This amplifier was designed for the indoor amplification of CATV signals as well as UHF/VHF signals. The output of the CTA-30-870AR is easily adjusted using the front panel gain control with 10 dB of gain control range. With separate gain controls for forward and reverse levels, the CTA-30-870AR can easily be adjusted to maximize performance.

Model No. CTA-30-870AR \$149.99



1,000 MHz, 35 dB Gain Amplifier With Passive Return

Features

- 35 dB Forward gain
- 54-1,000 MHz Forward bandwidth
- 5-42 MHz Reverse bandwidth
- Passive return path
- Forward gain & slope control
- 16 dB Forward gain control range

The CTA-35-1000PR is a commercial quality amplifier with 35 dB of forward gain across a bandwidth of 54 - 1,000 MHz. This amplifier was designed for the indoor amplification of CATV signals as well as UHF/VHF signals. The output of the CTA-35-1000PR is easily adjusted using the front panel gain control with 16 dB of gain control range. With input and output test ports, the CTA-35-1000PR can easily be adjusted to maximize performance without disrupting service.

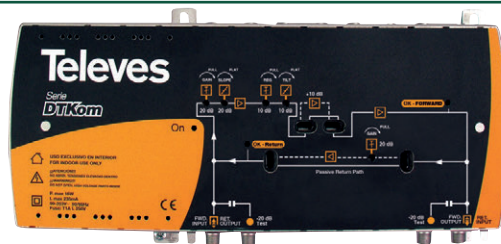
Model No. CTA-35-1000PR \$151.99



Broadband Indoor Distribution Amplifier

Features

- Selectable 30 dB / 40 dB forward gain
- 28 dB Reverse gain
- 42 / 54 MHz split
- 54 - 1,002 MHz Forward bandwidth, 5 - 42 MHz reverse bandwidth
- Front panel variable gain and slope controls for easy adjustment.
- Two-way capability with a user selectable active/passive return path.
- Power doubling technology for distortion free, high output level operation.
- Externally accessible -20 dB input/output test ports provide convenient in-service performance monitoring.



- Optimized power consumption: Approx. 20% less when configured as 30dB FWD/-3dB RET.
- Cast chassis with large heat sinks providing exceptional heat dissipation.
- Exceptional conducted and radiated interference performance at full output level.
- Enclosure provides excellent shielding performance, reducing leakage and ingress.
- Built-in, high quality switched power supply.

Model No. TV-451280 \$339.00

Broadband Distribution Amplifier, Indoor, +35 Db Gain, 5-1,000MHz, Wall Mount

- 35dB gain, 5-1,000 MHz
- Gain control range of 20dB forward and reverse paths
- Wall mountable
- For rack mount equivalent model, review item: RMDA-1000-30, CTA-30RK-1000

Model No. TDA-35-1000 \$174.99





Blonder Tongue RMDA Series Rack Mounted Distribution Amplifiers

Models	Description	Price
RMDA-860-30	30 dB Gain, 860 MHz, Push-Pull	Call for Pricing
RMDA-1000-42P	42 dB Gain, 1,000 MHz, Push-Pull	Call for Pricing

8 Year Warranty on all BIDA-* Series

Blonder Tongue BIDA Series Indoor Wall Mount Distribution Amplifiers



550 MHz		
Models	Description	Price
BIDA-550-30	30 dB Gain, 550 MHz, Push-Pull	Call for Pricing
BIDA-550-50	50 dB Gain, 550 MHz, Push-Pull	Call for Pricing

750 MHz		
BIDA-750-30	30 dB Gain, 750 MHz, Push-Pull	Call for Pricing
BIDA-75A-43	43 dB Gain, 750 MHz, Push-Pull, with return path amplifier	Call for Pricing

860 MHz		
BIDA-86A-30	30 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 36/49 split	Call for Pricing
BIDA-86A-30P	30 dB Gain, 860 MHz, Power-Doubling, with return path amplifier, 36/49 split	Call for Pricing
BIDA-86A-43	43 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 36/49 split	Call for Pricing
BIDA-86A-43P	43 dB Gain, 860 MHz, Power-Doubling, with return path amplifier, 36/49 split	Call for Pricing
BIDA-86B-30	43 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 42/54 split	Call for Pricing
BIDA-86B-30P	43 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 42/54 split	Call for Pricing
BIDA-86B-43	43 dB Gain, 860 MHz, Push-Pull, with return path amplifier, 42/54 split	Call for Pricing
BIDA-86B-43P	43 dB Gain, 860 MHz, Power-Doubling, with return path amplifier, 42/54 split	Call for Pricing

1000 MHz		
Models	Description	Price
BIDA-100A-30	30 dB Gain, 1,000 MHz, Push-Pull, with return path amplifier, 36/49 split	Call for Pricing
BIDA-100B-30P	30 dB Gain, 1,000 MHz, Power-Doubling, with return path amplifier, 42/54 split	Call for Pricing
BIDA-100B-43P	43 dB Gain, 1,000 MHz, Power-Doubling, with return path amplifier, 42/54 split	Call for Pricing

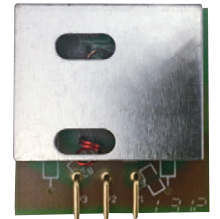
Blonder Tongue ACA Series Indoor Wall Mount Distribution Amplifiers



Models	Description	Price
ACA-35-1000	35 dB Gain, 1,000 MHz	Call for Pricing
ACA-30-86R	30 dB Gain, 860 MHz, Passive Return	Call for Pricing

Plug-In Equalizer Module, Exclusive To BIDA-* Amplifier Use

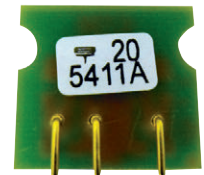
The BIDA-CE** is a plug-in equalizer module manufactured specifically for use with the Blonder Tongue BIDA-* series of RF amplifiers. Many different equalizer values available. Call for more details.



Model No. BIDA-CE Call for Pricing**

Plug-In Attenuator Module, Exclusive To BIDA-* Amplifier Use

The BIDA-FA-* is a plug-in attenuator module specifically engineered for the Blonder Tongue BIDA-* series of distribution amplifiers. Attenuator values start at 1 dB (example BIDA-FA-1) and are available in increments of 1 dB up to a maximum of 20 dB (example BIDA-FA-20). All attenuator units within this product family have a 1,000 MHz frequency range.



Model No. BIDA-FA-* Call for Pricing



**Bring us your large commercial projects
WE CAN HELP**

CTGHS Series 1 GHz Solder Back Splitters

Models	Description	Price (1-9)	Price (10-49)	Price (50+)
CTGHS-2	2 Way Splitter	Call for Pricing/each		
CTGHS-3	3 Way Splitter	Call for Pricing/each		
CTGHS-4	4 Way Splitter	Call for Pricing/each		
CTGHS-6	6 Way Splitter	Call for Pricing/each		
CTGHS-8	8 Way Splitter	Call for Pricing/each		



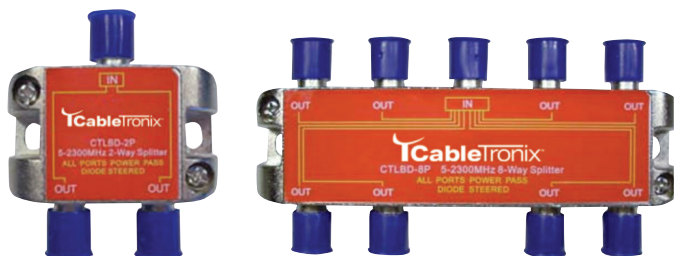
CTVS SB Series 1 GHz Vertical Splitters - Solder Back

Models	Description	Price (1-49)	Price (50+)
CTVS-2SB	2 Way Splitter	Call for Pricing/each	
CTVS-3SB	3 Way Splitter	Call for Pricing/each	
CTVS-4SB	4 Way Splitter	Call for Pricing/each	
CTVS-8SB	8 Way Splitter	Call for Pricing/each	
CTVS-12SB	12 Way Splitter	Call for Pricing/each	
CTVS-16SB	16 Way Splitter	Call for Pricing/each	



CTLBD Series 2.3 GHz Solder Back Splitters, 2A Power Pass

Models	Description	Price (1-99)	Price (100+)
CTLBD-2	2 Way Splitter, 1 Leg Power Pass	Call for Pricing/each	
CTLBD-2P	2 Way Splitter, All Legs Power Pass	Call for Pricing/each	
CTLBD-3P	3 Way Splitter, All Legs Power Pass	Call for Pricing/each	
CTLBD-4P	4 Way Splitter, All Legs Power Pass	Call for Pricing/each	
CTLBD-8P	8 Way Splitter, All Legs Power Pass	Call for Pricing/each	



1 GHz Splitters

Models	Description	Price
SDS-12	1 X 12 Splitter, 1 GHz, Solder Back	Call for Pricing
SDS-16	1 X 16 Splitter, 1 GHz, Solder Back	Call for Pricing



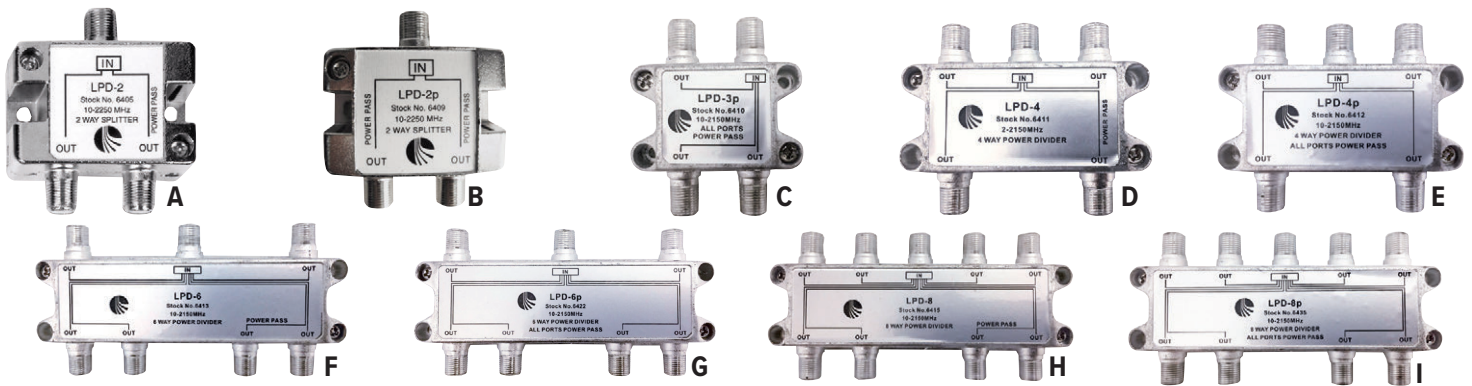
Indoor Splitters, 5-1000 MHz, -120 dB RFI solder back

Models	Description	Price
DGS-2	1 X 2 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-3	1 X 3 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-3B	1 X 3 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-4	1 X 4 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing
DGS-8	1 X 8 Splitter, 5-1000 MHz, -120 dB, Solder Back	Call for Pricing





LPD Series Trunk Grade Wideband Splitters



Models	Description	Price
A LPD-2 (6405)	2 Way Splitter, 10-2150 MHz, 1 Port Power Passive	Call for Pricing
B LPD-2P (6409)	2 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing
C LPD-3P (6410)	3 Way Splitter, 10-2150 MHz, All Ports Power Passive Diode Steered	Call for Pricing
B LPD-4 (6411)	4 Way Splitter, 10-2150 MHz, 1 Port Power Passive	Call for Pricing
E LPD-4P (6412)	4 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing

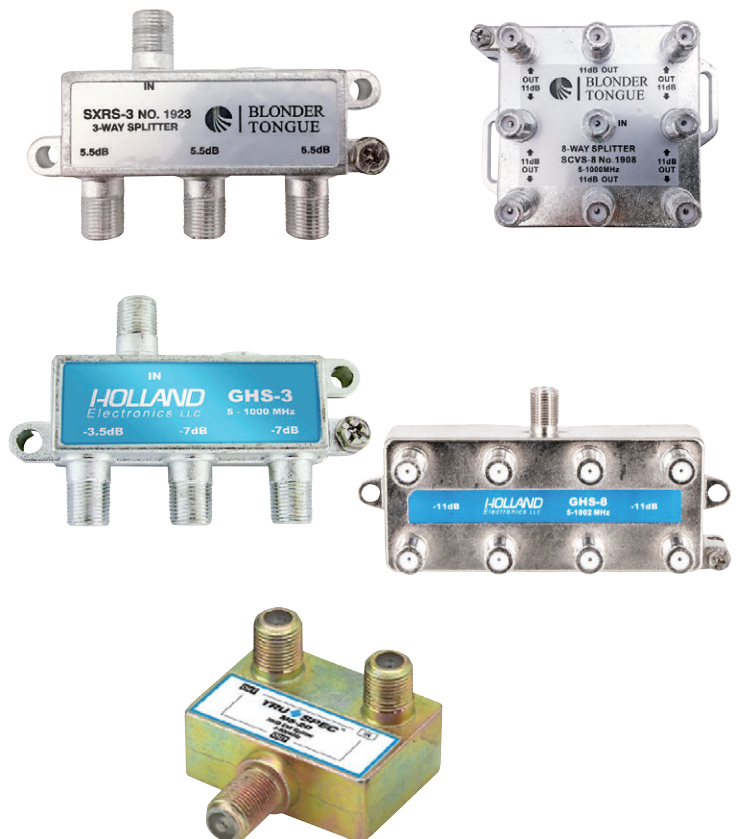
Models	Description	Price
F LPD-6 (6413)	6 Way Splitter, 10-2150 MHz, 1 Port Power Passive	Call for Pricing
G LPD-6P (6422)	6 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing
H LPD-8 (6415)	8 Way Splitter, 10-2150 MHz, 1 Port Power Passive	Call for Pricing
I LPD-8P (6435)	8 Way Splitter, 10-2150 MHz, All Ports Power Passive, Diode Steered	Call for Pricing

CATV RF Coax Splitter, Single Input

Models	Description	Price
SCVS-2	1 Input 2 Outputs, 5-1000 MHz, Vertical Port	\$1.85
SCVS-3	1 Input 3 Outputs, 5-1000 MHz, Vertical Port	\$3.00
SCVS-4	1 Input 4 Outputs, 5-1000 MHz, Vertical Port	\$3.39
SCVS-6	1 Input 6 Outputs, 5-1000 MHz, Vertical Port	\$4.59
SCVS-8	1 Input 8 Outputs, 5-1000 MHz, Vertical Port	\$4.87

Models	Description	Price
GHS-2X	1 Input 2 Outputs, 5-1000 MHz, Horizontal Port	\$1.49
GHS-3	1 Input 3 Outputs, 5-1000 MHz, Horizontal Port	\$1.99
GHS-3X	1 Input 3 Outputs, 5-1000 MHz, Horizontal Port	\$1.79
GHS-4	1 Input 4 Outputs, 5-1000 MHz, Horizontal Port	\$2.29
GHS-8	1 Input 8 Outputs, 5-1000 MHz, Horizontal Port	\$6.49

Models	Description	Price
MS-2D	1 Input 2 Outputs, 5-1000 MHz, Wall Box Mounting Applications	\$1.79



SRT Series 1 GHz Directional Couplers

A. Single Port Taps, T-Shaped

Models	dB Values	Price
SRT-4	4	\$2.05
SRT-6	6	\$2.05
SRT-9	9	\$2.05
SRT-12	12	\$2.05
SRT-16	16	\$2.05
SRT-20	20	\$2.05
SRT-24	24	\$2.05
SRT-27	27	\$2.05
SRT-30	30	\$2.05

B. Two Port Taps

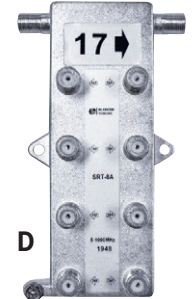
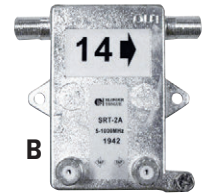
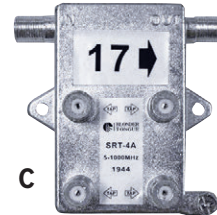
Models	dB Values	Price
SRT-2A 4	4	\$3.25
SRT-2A 8	8	\$3.25
SRT-2A 11	11	\$3.25
SRT-2A 14	14	\$3.25
SRT-2A 17	17	\$3.25
SRT-2A 20	20	\$3.25
SRT-2A 23	23	\$3.25
SRT-2A 26	26	\$3.25
SRT-2A 29	29	\$3.25
SRT-2A 32	32	\$3.25

C. Four Port Taps

Models	dB Values	Price
SRT-4A 8T	8 (automatic termination of through port)	Call for Pricing
SRT-4A 11	11	\$4.35
SRT-4A 14	14	\$4.35
SRT-4A 17	17	\$4.35
SRT-4A 20	20	\$4.35
SRT-4A 23	23	\$4.35
SRT-4A 26	26	\$4.35
SRT-4A 29	29	\$4.35
SRT-4A 32	32	\$4.35
SRT-4A 35	35	\$4.35

D. Eight Port Taps

Models	dB Values	Price
SRT-8A 11T	11 (automatic termination of through port)	Call for Pricing
SRT-8A 14	14	\$11.25
SRT-8A 17	17	\$11.25
SRT-8A 20	20	\$11.25
SRT-8A 23	23	\$11.25
SRT-8A 26	26	\$11.25
SRT-8A 29	29	\$11.25
SRT-8A 32	32	\$11.25
SRT-8A 35	35	\$11.25



L-Style For Wallplate Feed Through

Models	dB Values	Price
SCW-4	4	\$1.99
SCW-12	12	\$1.99
SCW-16	16	\$1.99
SCW-20	20	\$1.99
SCW-24	24	\$1.99
SCW-27	24	\$1.99



CATV Tap / Directional Coupler, T-Style, 5-1,000 MHz, Coaxial Connections

Single Tap Off Valve

Models	dB Values	Price
TSC-9SB	9	\$1.45
TSC-12	12	\$1.39
TSC-16	16	\$1.39
TSC-20	20	\$1.39
TSC-24	24	\$1.39
TSC-27	27	\$1.39
TSC-30	30	\$1.39



Dual Tap Off Valve

Models	dB Values	Price
TSC2-9	9	\$2.75
TSC2-16	16	\$2.75
TSC2-16SB	16	\$2.75
TSC2-20SB	20	\$2.75
TSC2-24	24	\$2.75
TSC2-24SB	24	\$2.75
TSC2-27	27	\$2.75



Quad Tap Off Valve

Models	dB Values	Price
TSC4-8	8	\$4.39
TSC4-12	12	\$4.39
TSC4-16	16	\$4.39
TSC4-24	24	\$4.39
TSC4-30	30	\$4.39



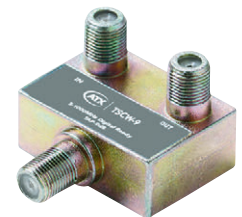
Eight Port Tap Off Valve

Models	dB Values	Price
TGT8-11	9	\$11.25
TGT8-14	16	\$11.25
TGT8-17	16	\$11.25
TGT8-20	20	\$11.25
TGT8-23	27	\$11.25
TGT8-26	30	\$11.25
TGT8-29	30	\$11.25
TGT8-32	32	\$11.25



L-Style For Wallplate Feed Through

Models	dB Values	Price
TSCW-9SB	9	\$1.99
TSCW-16	16	\$1.59
TSCW-16SB	16	\$1.99
TSCW-20SB	20	\$1.99
TSCW-27	27	\$1.59
TSCW-30	30	\$1.59
TSCW-30SB	30	\$1.99



L-Style For Wallplate Feed Through

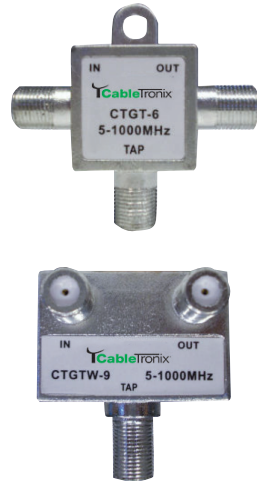
Models	dB Values	Price
DCWG-6SB	6	\$1.59
DCWG-9SB	9	\$1.59



1 GHz Coaxial Cable Taps

CTGT & CTGTW Series Taps

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- Wall mounting screws included (CTGT only)
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 6, 9, 12, 16, 20, 24, 27 & 30 dB Values available



A. T-Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGT-6	6	\$1.69/each	\$1.39/each
CTGT-9	9	\$1.69/each	\$1.39/each
CTGT-12	12	\$1.69/each	\$1.39/each
CTGT-16	16	\$1.69/each	\$1.39/each

A. T-Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGT-20	20	\$1.69/each	\$1.39/each
CTGT-24	24	\$1.69/each	\$1.39/each
CTGT-27	27	\$1.69/each	\$1.39/each
CTGT-30	30	\$1.69/each	\$1.39/each

B. 90 Degree Wall Plate Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGTW-6	6	\$1.99/each	\$1.69/each
CTGTW-9	9	\$1.99/each	\$1.69/each
CTGTW-12	12	\$1.99/each	\$1.69/each
CTGTW-16	16	\$1.99/each	\$1.69/each

B. 90 Degree Wall Plate Style			
Models	dB Values	Price (1-49)	Price (50+)
CTGTW-20	20	\$1.99/each	\$1.69/each
CTGTW-24	24	\$1.99/each	\$1.69/each
CTGTW-27	27	\$1.99/each	\$1.69/each
CTGTW-30	30	\$1.99/each	\$1.69/each

CTGT4 Series 4 Port Taps

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- Wall mounting screws included
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 8, 12, 16, 20, 24 & 30 dB Values available



CTGT4 Series 4 Port Taps			
Models	dB Values	Price (1-49)	Price (50+)
CTGT4-8	8 (Terminating)	\$4.89/each	\$4.49/each
CTGT4-12	12	\$4.89/each	\$4.49/each
CTGT4-16	16	\$4.89/each	\$4.49/each
CTGT4-20	20	\$4.89/each	\$4.49/each
CTGT4-24	24	\$4.89/each	\$4.49/each
CTGT4-30	30	\$4.89/each	\$4.49/each

CTGT2 Series 2 Port Taps

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 6, 9, 12, 16, 20, 24, 27 & 30 dB Values available



CTGT2 Series 2 Port Taps			
Models	dB Values	Price (1-49)	Price (50+)
CTGT2-6	6	\$2.89/each	\$2.49/each
CTGT2-9	9	\$2.89/each	\$2.49/each
CTGT2-12	12	\$2.89/each	\$2.49/each
CTGT2-16	16	\$2.89/each	\$2.49/each
CTGT2-20	20	\$2.89/each	\$2.49/each
CTGT2-24	24	\$2.89/each	\$2.49/each
CTGT2-27	27	\$2.89/each	\$2.49/each
CTGT2-30	30	\$2.89/each	\$2.49/each

CTGT8 Series 8 Port Taps

- Solder back for excellent shielding
- 5-1,000 MHz Frequency range
- Integrated grounding screw
- Wall mounting screws included
- High Isolation
- 11, 14, 17, 20, 23, 26, 29, 32 & 35 dB Values available
- 11 dB Model is terminated (no through port)



CTGT4 Series 4 Port Taps			
Models	dB Values	Price (1-49)	Price (50+)
CTGT8-11	11 (Terminating)	\$9.99/each	\$9.29/each
CTGT8-14	14	\$9.99/each	\$9.29/each
CTGT8-17	17	\$9.99/each	\$9.29/each
CTGT8-20	20	\$9.99/each	\$9.29/each
CTGT8-23	23	\$9.99/each	\$9.29/each
CTGT8-26	26	\$9.99/each	\$9.29/each
CTGT8-29	29	\$9.99/each	\$9.29/each
CTGT8-32	32	\$9.99/each	\$9.29/each
CTGT8-35	35	\$9.99/each	\$9.29/each

1 GHz Coaxial Cable Tap Loss Figures

CTGT-* Series Single Port Coaxial Tap, T-Shape, 1 GHz

	MHz	6 dB Type	9 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	27 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	6.5	8.9	12.0	16.0	20.0	24.0	27.0	30.0
	50-750 MHz	6.7	9.3	13.0	17.0	21.0	24.0	27.0	31.0
	750-1000 MHz	7.4	9.9	13.0	17.0	21.0	25.0	28.0	31.0
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	2.0	1.0	0.7	0.5	0.4	0.3	0.3	0.3
	10-50 MHz	2.1	0.9	0.7	1.4	0.4	0.3	0.4	0.4
	50-450 MHz	2.2	1.2	0.7	0.6	0.5	0.5	0.5	0.5
	450-750 MHz	2.3	1.3	0.9	0.8	0.7	0.7	0.7	0.7
	750-1000 MHz	2.8	1.9	1.2	1.1	1.1	1.1	1.2	1.2

CTGTW -* Series Single Port Coaxial Tap, 90 Degree, 1 GHz

	MHz	6 dB Type	9 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	27 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	6.5	8.9	12.0	16.0	20.0	24.0	27.0	30.0
	50-750 MHz	6.7	9.3	13.0	17.0	21.0	24.0	27.0	31.0
	750-1000 MHz	7.4	9.9	13.0	17.0	21.0	25.0	28.0	31.0
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	2.0	1.0	0.7	0.5	0.4	0.3	0.3	0.3
	10-50 MHz	2.1	0.9	0.7	1.4	0.4	0.3	0.4	0.4
	50-450 MHz	2.2	1.2	0.7	0.6	0.5	0.5	0.5	0.5
	450-750 MHz	2.3	1.3	0.9	0.8	0.7	0.7	0.7	0.7
	750-1000 MHz	2.8	1.9	1.2	1.1	1.1	1.1	1.2	1.2

CTGT2-* Series Two Port Coaxial Tap, 1 GHz

	MHz	6 dB Type	9 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	27 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	6.0	8.0	12.0	16.0	20.0	24.0	27.0	30.0
	50-750 MHz	6.1	8.1	12.1	16.1	20.1	24.1	27.1	30.1
	750-1000 MHz	6.3	8.3	12.3	16.3	20.3	24.3	27.3	30.3
Insertion Loss (In / Out) (dB Max.)	5-50 MHz	3.3	3.3	1.2	0.8	0.5	0.5	0.5	0.5
	50-450 MHz	3.6	3.6	1.5	0.9	0.8	0.8	0.8	0.8
	450-750 MHz	3.7	3.7	1.8	1.1	0.9	0.9	0.9	0.9
	750-1000 MHz	4.1	4.1	2.0	1.2	1.0	1.0	1.0	1.0

CTGT4-* Series Four Port Coaxial Tap, 1 GHz

	MHz	8 dB Type	12 dB Type	16 dB Type	20 dB Type	24 dB Type	30 dB Type
Tap Loss (dB)	5-50 MHz	8.0	12.0	16.0	20.0	24.0	30.0
	50-750 MHz	8.1	12.1	16.1	20.1	24.1	30.1
	750-1000 MHz	8.3	12.3	16.3	20.3	24.3	30.3
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	NA	3.5	1.2	0.8	0.6	0.6
	10-50 MHz	NA	3.4	1.0	0.8	0.5	0.5
	50-450 MHz	NA	3.5	1.1	0.8	0.6	0.6
	450-750 MHz	NA	3.8	1.6	0.9	0.8	0.8
	750-1000 MHz	NA	4.0	2.2	1.0	1.0	1.0

CTGT8-* Series Eight Port Coaxial Tap, 1 GHz

	MHz	11 dB Type	14 dB Type	17 dB Type	20 dB Type	23 dB Type	26 dB Type	29 dB Type	32 dB Type	35 dB Type
Tap Loss (dB)	5-50 MHz	11.0	8.0	12.0	16.0	20.0	24.0	27.0	30.0	30.0
	50-750 MHz	11.1	8.1	12.1	16.1	20.1	24.1	27.1	30.1	30.1
	750-1000 MHz	11.3	8.3	12.3	16.3	20.3	24.3	27.3	30.3	30.3
Insertion Loss (In / Out) (dB Max.)	5-50 MHz	NA	3.5	1.9	1.2	0.8	0.8	0.7	0.7	0.7
	50-450 MHz	NA	4.0	2.3	1.5	1.0	0.9	0.8	0.8	0.8
	450-750 MHz	NA	4.2	2.4	1.8	1.2	1.0	1.0	1.0	1.0
	750-1000 MHz	NA	4.5	2.5	2.0	1.4	1.2	1.0	1.0	1.0

Commercial Hardline Taps & Splitters



8 Port 1 GHz Hardline Tap

Models	dB Values	Price
CT-T8G-11	11 (Through Port Terminated)	\$31.00
CT-T8G-14	14	\$31.00
CT-T8G-17	17	\$31.00
CT-T8G-20	20	\$31.00
CT-T8G-23	23	\$31.00
CT-T8G-26	26	\$31.00
CT-T8G-29	29	\$31.00
CT-T8G-32	32	\$31.00

4 Port 1 GHz Hardline Tap

Models	dB Values	Price
CT-T4G-08	8 (Through Port Terminated)	\$22.00
CT-T4G-11	11	\$22.00
CT-T4G-14	14	\$22.00
CT-T4G-17	17	\$22.00
CT-T4G-20	20	\$22.00
CT-T4G-23	23	\$22.00
CT-T4G-26	26	\$22.00
CT-T4G-29	29	\$22.00
CT-T4G-32	32	\$22.00
CT-T4G-35	35	\$22.00

2 Port 1 GHz Hardline Tap

Models	dB Values	Price
CTT2G-04	8 (Through Port Terminated)	\$18.00
CTT2G-08	11	\$18.00
CTT2G-11	11	\$18.00
CTT2G-14	14	\$18.00
CTT2G-17	17	\$18.00
CTT2G-20	20	\$18.00
CTT2G-23	23	\$18.00
CTT2G-26	26	\$18.00
CTT2G-29	29	\$18.00
CTT2G-32	32	\$18.00



Hardline Directional Coupler

Models	dB Values	Price
CT-DC-08	8	\$29.99
CT-DC-12	12	\$29.99
CT-DC-16	16	\$29.99

1 GHz Hardline Splitter

Models	Description	Price
CT-SPG-2	2 Way Splitter	\$29.99
CT-SPG-3	3 Way Splitter	\$29.99

Hardline Power Inserter for use with Hardline Power Supplies

D. Model No. CT-PI.....\$29.99

CATV Power Supply 60/90VAC, 15A

- Constant voltage ferroresonant transformer
- Fully regulated, clean and reliable AC power output
- Input and output surge protection
- Current limited output and short-circuit protection
- Automatic restart upon removal of short
- Field selectable output voltages
- Powder coated enclosure for outdoor applications
- Pole & wall mount installations
- 5/8" Female output connection
- Durable LED indicator
- Power inserter sold separately



The CableTronix CT-CATVPS60-90 is a CATV power supply designed to provide conditioned power to remote active devices over a hardline CATV cable distribution plant. This unit is designed to work with either 120VAC or 220VAC input voltages with a 60VAC or 90VAC selectable output. The enclosure is built of durable, weather-resistant, powder coated aluminum for outdoor applications. It is able to withstand the harshest environments. The included installation bracket allows the unit to be easily mounted on a flat vertical surface or on a wooden/concrete pole. The hardline power inserter is not included and is sold separately.

Model No. CT-CATVPS60-90\$509.99

1 GHz Hardline Tap Loss Figures

2 Port Taps Maximum Insertion Loss

Frequency	4 dB	8 dB	11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	32 dB	35dB
5 MHz	NA	3.5	2.0	1.4	1.4	1.0	0.7	0.7	0.7	0.7	0.7
300 MHz	NA	3.8	2.0	1.5	1.0	0.9	0.8	0.7	0.7	0.7	0.7
400 MHz	NA	3.9	2.2	1.5	1.1	1.0	0.9	0.8	0.8	0.8	0.8
500 MHz	NA	4.1	2.4	1.8	1.5	1.2	1.1	1.1	1.1	1.1	1.1
600 MHz	NA	4.3	2.5	1.9	1.7	1.4	1.3	1.3	1.3	1.3	1.3
900 MHz	NA	5.1	3.2	2.5	1.8	1.6	1.6	1.6	1.6	1.6	1.6
1000 MHz	NA	5.5	3.6	3.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4

4 Port Taps Maximum Insertion Loss

Frequency	8 dB	11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	32 dB	35dB
5 MHz	NA	3.5	2.0	1.4	1.4	1.0	0.7	0.7	0.7	0.7
300 MHz	NA	3.8	2.0	1.5	1.0	0.9	0.8	0.8	0.8	0.8
400 MHz	NA	3.9	2.2	1.5	1.1	1.0	0.9	0.9	0.9	0.9
500 MHz	NA	4.1	2.4	1.8	1.5	1.2	1.1	1.1	1.1	1.1
600 MHz	NA	4.3	2.5	1.9	1.7	1.4	1.3	1.3	1.3	1.3
900 MHz	NA	5.1	3.2	3.0	1.8	1.6	1.6	1.6	1.6	1.6
1000 MHz	NA	5.5	3.6	3.5	2.4	2.4	2.4	2.4	2.4	2.4

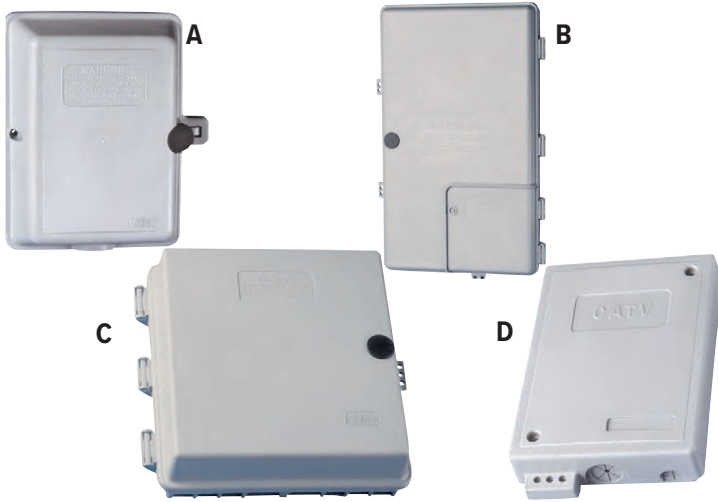
8 Port Taps Maximum Insertion Loss

Frequency	12 dB	15 dB	18 dB	21 dB	24 dB	27 dB	30 dB	33 dB	36 dB
5 MHz	NA	3.5	2.0	1.4	1.4	1.0	0.8	0.8	0.8
300 MHz	NA	3.8	2.0	1.2	1.0	0.9	0.9	0.9	0.9
400 MHz	NA	3.9	2.1	1.5	1.1	1.0	0.9	0.9	0.9
500 MHz	NA	4.1	2.4	1.8	1.5	1.2	1.1	1.1	1.1
600 MHz	NA	4.3	2.5	1.9	1.7	1.4	1.3	1.3	1.3
900 MHz	NA	5.1	3.2	3.0	1.8	1.6	1.6	1.6	1.6
1000 MHz	NA	5.5	3.6	3.5	2.9	2.6	2.5	2.5	2.5

Hardline Directional Couplers / 2 & 3 Way Splitters / Power Inserter Maximum Insertion Loss

Frequency	CTDC-8	CTDC-12	CTDC-16	2 Way Splitter	3 Way Splitter	CTPI
5-10 MHz	2.2	1.5	2.0	4.1	4.2/7.8	0.9
10-50 MHz	2.2	1.4	1.4	4.0	4.1/7.8	0.7
50-300 MHz	2.5	1.8	1.8	4.4	4.6/8.0	0.9
300-400 MHz	2.6	1.9	1.9	4.4	4.6/8.2	1.0
400-500 MHz	2.9	2.2	2.0	4.8	5.0/8.3	1.1
500-600 MHz	3.2	2.3	2.1	5.0	5.2/8.5	1.2
600-900 MHz	3.5	2.7	2.4	5.2	5.5/8.8	1.3
900-1000 MHz	3.8	3.1	2.8	5.4	5.5/9.2	1.3

Outdoor Distribution Equipment



Plastic Lock Boxes

	Models	Dimensions	Description	Price
A	11-MSE-GY-S	9" x 6" x 3"	Plastic Lock Box	\$9.99
B	11-MDE-GY-S	17" x 10" x 3"	Plastic Lock Box (Can be used as Single or Double door Enclosure)	\$21.99
C	11-CTE-GY-S	9" x 9" x 3"	Plastic Lock Box	\$10.99
D	10-MTE-GY-S	7" x 5" x 1-1/2"	Plastic Lock Box	\$9.99



Outdoor Pedestals

- Rectangular shape with rounded radius design
- Removable cover for 360 degree access
- Manufactured from high impact UV Stabilized poly material
- Hidden louvered venting eliminates interior heat buildup
- Ship standard with locking hasp and ground mount stake/tap mounting bracket
- Standard color: Green

Outdoor Pedestals

	Models	Dimensions	Description	Price
A	CT-PEDSM14	9" x 9" x 14"	Outdoor Pedestals	\$109.00
B	CT-PEDME20	9" x 9" x 20"	Outdoor Pedestals	\$115.00
C	CT-PEDLG28	9" x 9" x 28"	Outdoor Pedestals	\$129.00



Metal Lock Boxes

- Integrated plywood backboard
- Internal grounding lug
- Internal AC outlet
- Multiple sized cable knock outs
- Louvered vents

CT-LB242411

- 24"W x 24"H x 11"D
- Dual locking hasps to fit standard padlocks

CT-LB181211

- 12"W x 18"H x 11"D
- Single locking hasp to fit standard padlocks

Metal Lock Boxes

	Models	Dimensions	Description	Price
A	CT-LB242411	24" x 24" x 11"	Metal Lock Box - Dual Locking Hasp	\$289.99
B	CT-LB181211	12" x 18" x 11"	Metal Lock Box - Single Locking Hasp	\$199.99

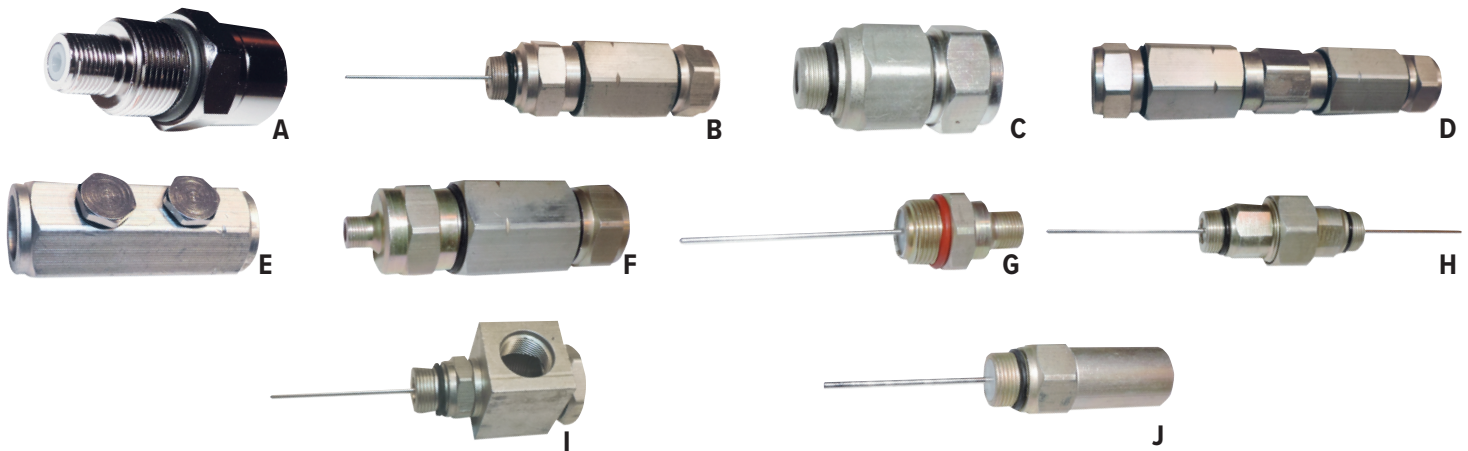
Lock

Lock Vending machine style lock for wall boxes and pedestals

Model No. TCE-1 LOCK\$7.99



Hardline Connectors & Adapters



Hardline Connectors & Adapters			
	Models	Description	Price
A	CT-TLC-KSTOF or ICHBAFFKS-2	BAFF Cap, Converts existing Pin connector to F Female	\$6.19
B	CT-TLC-500-CH-DU-03	.500 Pin Connector	\$7.19
C	CT-TLC-500-B-DU-03	.500 Feed Through Connector	\$3.99
D	CT-TLC-500-SP-DU-03	500 In Line Splice	\$13.99
E	CT-TLC-HSB-A	Hardline Splice Block	\$8.99

Hardline Connectors & Adapters			
	Models	Description	Price
F	CT-TLC-500-BAFF-03	.500 To F Female Adapter	\$9.99
G	CT-TLC-625-CH-S	Pin To F Female Adapter	\$3.19
H	CT-TLC-KS-KS-M	Housing To Housing Adapter	\$5.99
I	CT-TLC-90	90 Degree Hardline Adapter	\$9.29
J	CT-TLC-M	Hardline Housing Terminator	\$5.99



.500 Coring Tool

- Heavy duty corrosion resistant alloy aluminum
- Chromate conversion coated for added protection
- Ultra violet resistant EPDM O-rings
- Each connector is individually stamped with model number for easy identification
- Gold plated brass contacts
- Pressure tested to 40 PSIG minimum
- Feed-Thru and Pin Type connectors have external 5/8"-24 mounting threads

Model No. CT-CST-500.....\$89.99

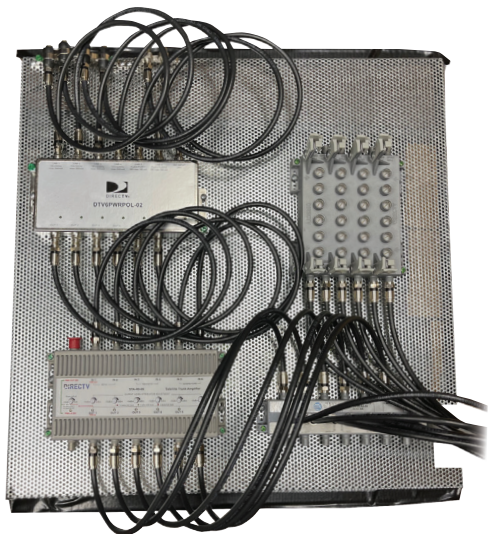


Heat Shrinkable Cable Sleeves

Heat shrinkable tubing and adhesive liner combination that established the CATV industry standard for splice and connector protection.

Heat Shrink Tubing				
Models	Internal Diameter Expanded	Internal Diameter Shrunk (Max)	Application Range	Price
CFTV-0400-48	0.40"	0.15"	.18 - .34"	Call for Pricing
CFTV-0750-48	0.75"	0.22"	.24 - .65"	Call for Pricing
CFTV-1100-48	1.10"	0.40"	.45 - 1.00"	Call for Pricing
CFTV-1300-48	1.30"	0.40"	.45 - 1.20"	Call for Pricing
CFTV-1500-48	1.50"	0.50"	.55 - 1.4"	Call for Pricing
CFTV-1700-48	1.70"	0.50"	.55 - 1.6"	Call for Pricing
CFTV-2050-48	2.05"	0.75"	.82 - 1.8"	Call for Pricing
CFTV-2750-48	2.75"	1.00"	1.2 - 2.5"	Call for Pricing

Special Services Offered by NACE Designed to Save Precious Time on DRE Installations



Pre-Assembled Backplates Designed for DIRECTV DRE (Digital Residential Experience) Systems

Features

- Fully assembled to save valuable time and money during the onsite installation
- Tested before shipping to eliminate costly time spent trouble shooting for defective components, bad cables, crosswired connections etc.
- Compression F connectors on all jumpers.
- Built on a mesh backplate that stands off the wall to promote airflow behind active components.
- All active components are wired to a single power strip to simplify powering.

Custom backplates can be assembled to your individual needs. Using our custom design tool we can provide a design layout for each backplate in your system. Contact your sales representative with the exact needs of your system and we can work up a price and design layout today! The NACE mesh back plates are cut to size and designed to easily fit inside our CT-LB242411 metal outdoor lock boxes.

Call For Pricing



DRE Premium Equipment Pre-Staging Options

Contact your sales representative for pricing on the pre-staging options below or any other custom DRE requirements that can save you time!

Standard Premium Pre-Staging

- Label all receivers with specific room/suite information
- Apply all receiver & room information into a spreadsheet
- Re-box receivers as required
- Open DRE remote controls and install batteries
- Remove weather boots from all splitters and reaffix terminators

Additional Premium Pre-Staging Options

- Custom receiver setup and configuration

Have your next analog or hybrid analog digital headend system built by NACE at a much lower cost than a full digital system

Not all TV's in your customer property may be able to receive an encrypted digital signal. Don't walk away from the opportunity to sell them a headend system. With a NACE designed and built analog headend system you can deliver all types of TV programming to any property type.



Hotels without Prodiom descrambling TV's



Senior living properties without MPEG4 TV's

NO PROBLEM

Contact us today and find out more.

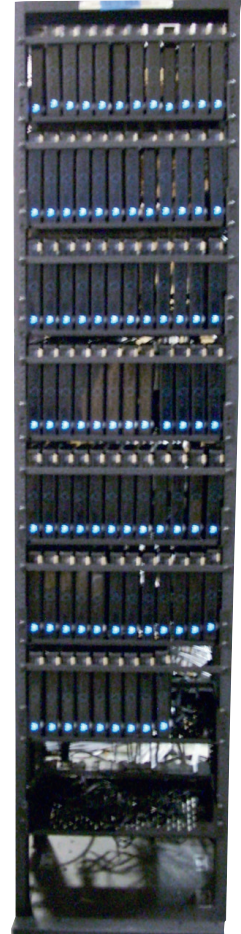


DIRECTV DRE (DIRECTV Residential Experience)

HR 24, H25 and H26K Receiver Staging Program

Fast Turnaround on Receiver Staging · 3 Staging Facilities · PA · MO · NV

- Our warehouse will scan and record each RID, Access Card & Serial Number. Once the information is gathered it will be organized into a spreadsheet that can be used in installation and activation.
- Our lab will un-box each receiver and access card and insert the access card into the individual receiver. Receiver cables and power supplies will not be removed from the packaging or tested.
- Each receiver will be loaded into our pre-configured testing rack and connected to AC power, a SWM satellite feed and our in house DRE server/switches.
- Each receiver will have its standard software upgraded to the current version.
- Once each receiver is connected to satellite signal and the software has been updated the dealer will be contacted and asked to contact DIRECTV to authorize the receivers for the DRE software download.
- Once the receivers have been authorized for DRE software download, the NACE lab will download the DRE software onto each individual receiver and confirm that the receiver has accepted the download.
- Due to potential delays in the software downloads NACE can not guarantee completion dates. It is recommended that each dealer keep in contact with their sales representative to coordinate shipment delivery dates.
- Once the download is completed and confirmed, our lab will then verify a successful download and test communications between each HR24, H25 and H26K receiver and our test DRE MCS server. Upon completion, our lab will then repackage all receivers for shipment.



Call For Pricing



NACE'S Technical Support Pre-purchased Package Rates

Purchased	Support	Rates
5 hours Pre-Purchased Package	DRE Telephone or VPN support	\$300.00
10 hours Pre-Purchased Package		\$600.00

DIRECTV DRE (DIRECTV Residential Experience)

DRE System Components & Accessories



DIRECTV DRE Receivers

	Models	Description	Price
A	H26K	HDTV Satellite Receiver with DRE Software Capabilities	Call for Pricing
B	H25	HDTV Satellite Receiver with DRE Software Capabilities	Call for Pricing
C	HR24	HDTV DVR Satellite Receiver with DRE Software Capabilities	Call for Pricing



DIRECTV IR Remote Controls

	Models	Description	Price
A	RC72H	Reduced Function IR Remote Control for H25 Receivers when used In DRE Systems	Call for Pricing
B	RCH80HB	Backlit, Reduced Function IR Remote Control for H25 Receivers when used In DRE Systems	Call for Pricing
C	RC73/RC73B	Supports DIRECTV Services, For Compatible DIRECTV Genie, Genie Lite & H26K models, IR/RF (Rc73B Backlit)	Call for Pricing



Pre-Configured
For DRE use

19" Rack Mountable Server For DIRECTV DRE Systems

- NACE labs installs Ubuntu V14.04 for DIRECTV DRE applications
- Requires lab service part .DRE MCS CONFIG prior to shipment

Model No. SERVER-R440 ... Call for Pricing

H25 Receiver Mount

Convenient for mounting H25 receivers to Walls, television mounts, televisions, cabinets, dressers etc.



Model No. H25MOUNTCall for Pricing

Replacement Power Supply

Replacement Power Supply For DIRECTV H25/H26K or H44 Satellite Receivers.

Model No. H25-H26 POWER SUPP REP

Call for Pricing

Model No. H44 POWER SUPPLY

Call for Pricing



IR Cables for DIRECTV H25 Receivers

	Models	Length	Description	Price
A	CT-IRTG-3	3'	IR Target Cable For DIRECTV H25 Satellite Receivers, 3.5mm to IR Target	Call for Pricing
	CT-IRTG-6	6'		
B	CT-IRPTC-3	3'	IR Pass Through Cables For DIRECTV H25 Satellite Receivers, 3.5mm to RJ12	Call for Pricing
	CT-IRPTC-6	6'		
C	CT-IRTG-9DIRECTV	9'	IR Target Cable For DIRECTV H25 Satellite Receivers, 3.5mm to IR Target	Call for Pricing
D	CT-IRPTC-6DIRECTV	6'	6 Foot IR Pass Through Cables For DIRECTV H25 Satellite Receivers, 3.5mm to RJ12	Call for Pricing
	DRE-IR-3001	-	Infrared Emitter, Exclusive To DIRECTV DRE System Types 3.5" x 1" x 5.5"	Call for Pricing

DIRECTV DRE (DIRECTV Residential Experience)

DRE System Components & Accessories

DIRECTV

Ethernet Coax Adapter

The BBDECA-USB DIRECTV Ethernet Coax Adapter transfers IP packets between Ethernet (RJ-45/Cat5) and a DIRECTV Connected Home network (coaxial cable). The BBDECA-USB can be powered via USB or with a separate power supply model H25 POWER SUPPLY REP (This is the same power supply that is used to power the H25 receiver).

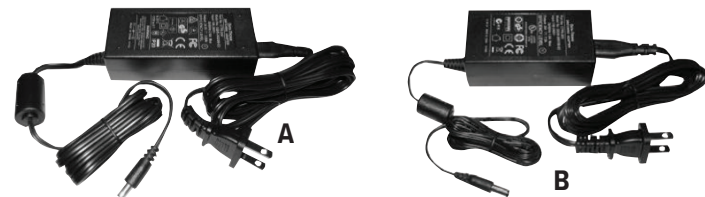
Model No. BBDECA-USB Call for Pricing



DIRECTV Ethernet to Coax Adapter

The BBDECA-GIG-E DIRECTV Ethernet to coax adapter is compatible with MoCa 2.0 and capable of up to 970 Mbps. It can be powered with the H25 POWER SUPPLY REP power supply or PoE network switch (both sold separately), integrated flanges for easy wall mounting.

Model No. BBDECA-GIG-E Call for Pricing



Switching Mode Power Supplies

Models	Description	Price
A 3A-502DA22	Switching Mode 24V power supply, 2.1mm DC Jack for powering up to two SWM-8 when installed in an FMC-6M, SWM-E2 or SWM-E4. Also provides primary power for SWM-32 modules.	\$27.00
B CTPS-20V	Switching Mode 20V Power Supply, 2.5mm DC Jack for powering models PI-6S, SA-6A, SA-6AL, MST-771 & MST-774. Also provides LNB power when used with a SWM-32 module.	\$17.99

6 Outlet, Plastic

Surge Protection,

White Housing - 3' Cord

Model No. CT-6OUTPOW-WHT Call for Pricing

Black Housing - 12" Cord

Model No. CT-6OUTPOW-BLK-12FT Call for Pricing



**Ask us
about custom
jumpers for any
application**



Pre-Made Coax Jumpers with DIRECTV Approved Compression F Connectors & Solid Copper, 3 GHz Rated RG-6 Coaxial Cable

Black Jacket Models	White Jacket Models	Length	Price
J12-DRE	J12-DRE-WT	12"	\$1.79
J18-DRE	J18-DRE-WT	18"	\$1.99
J24-DRE	J24-DRE-WT	24"	\$2.19
J36-DRE	J36-DRE-WT	36"	\$2.39
J48-DRE	J48-DRE-WT	48"	\$2.59
J60-DRE	J60-DRE-WT	60"	\$2.79
J72-DRE	J72-DRE-WT	72"	\$2.89
J84-DRE	J84-DRE-WT	84"	\$3.19
J96-DRE	J96-DRE-WT	96"	\$3.39
J108-DRE	-	108"	\$3.59
J120-DRE	J120-DRE-WT	120"	\$3.79

Grounding Accessories

**Custom cut lengths
are readily available**



Switching Mode Power Supplies

Models	Length	Description	Price
GW10C-GN-10	10'	#10 Copper Ground Wire, Green PVC Jacket	\$9.59
GW10C-GN	500' Spool	#10 Copper Ground Wire, Green PVC Jacket	\$260.00

Grounding Wire Split Bolt Bonding Connector, #6

Model No. SB-6\$1.79



Self Tapping Green Grounding Screw

Model No. GS1.....\$1.50/100



Galvanized Grounding Strap for 2.0" Diameter Pipe

The galvanized grounding strap, and is often used to ground an off-air antenna or satellite outdoor receiving unit to a cold water pipe.

10" Galvanized Grounding Strap

Model No. GGS-10 \$.69

12" Galvanized Grounding Strap

Model No. GGS-12 \$.85



Satellite Receivers & Accessories



DIRECTV Receivers			
	Models	Description	Price
A	H26K	HDTV Satellite Receiver with DRE Software Capabilities	Call for Pricing
B	H25	HDTV Satellite Receiver with DRE Software Capabilities	Call for Pricing
C	H24	HDTV Satellite Receiver	Call for Pricing
D	HR24	HDTV DVR Satellite Receiver	Call for Pricing
E	H44 DTV	DIRECTV Genie Lite Receiver	Call for Pricing

Please specify video cable and remote type required when ordering DIRECTV receivers

Models	Description	Price
.DTV COMPONENT CABLE	Component Video Interconnect Cable	Call for Pricing
.DTV COMPOSITE CABLE	Composite Audio Video Interconnect Cable	
.DTV H2510PIN CABLE	Component Audio Video Interconnect Cable	
.DTV H2510PIN COMPOS	Composite Audio Video Interconnect Cable	
.DTV HDMI CABLE	HDMI Audio Video Interconnect Cable	
.DTV MICRO USB	USB Interconnect Cable, Exclusive for DIRECTV	

Contact us about replacement access cards



Band Stop Filter

Model No. BSFMDR01-01.....Call for Pricing



DTV RF REMOTE

Remote control for DIRECTV receivers. RF and IR Compatible

Model No. DTV RF REMOTE..... Call for Pricing

RF Remote Dongle

Adds RF Remote Control Capabilities To DIRECTV H25 Receivers (RF Remote Control Sold Separately)

Model No. H25RFR0-19Call for Pricing



B-Band Converter

For DIRECTV High Definition Receivers

Model No. SUP-2400Call for Pricing



DIRECTV Advanced Installation Meter

- DIRECTV Advanced Installation Meter version 2.0 for installation of DIRECTV satellite dish systems
- Point and lock all DIRECTV dishes/LNBs
- 10.5V 4.4Ah lithium ion rechargeable battery
- 250 - 2150 MHz
- 13/18 Volt LNB power supply,
- 21 Volt SWIM power supply
- Includes carrying case and power adapter accessories

Model No. AIM02R0-12.....Call for Pricing



AIM Diplexer

Used in conjunction with the DIRECTV AIM satellite alignment meter. This diplexer is used in the alignment of the SL5RB reverse band LNB and World Direct satellite dishes.

Model No. AIM DIPLEXER-02 ..\$1.46

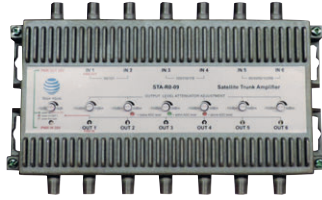


Six Line Satellite Amplifier

Features

- Amplifies six satellite lines
- 250 - 2150 MHz
- Four ground lugs
- Automatic level controlled output
- -12 dB to 0 dB slope adjustment
- Six individual -10 dBm to 0 dBm gain control adjustments
- Requires 1 PI-29Z power supply (sold separately)
- Can be powered from individual power input or from Satellite Out port 1
- Power output to power device above from either individual power out port or Satellite In port 1
- Will not power the LNB, external polarity locker is required
- For indoor use only

Model No. STA-R0-09 Call for Pricing

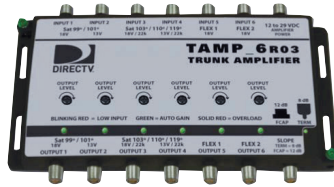


Six Line Satellite Amplifier

Features

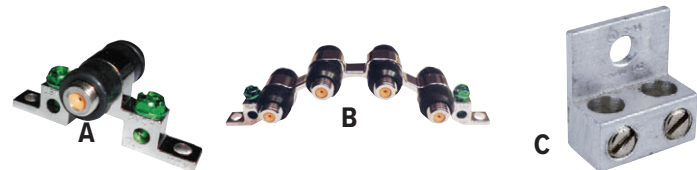
- Amplifies six satellite lines
- Indoor 250 to 2150 MHz
- Automatic gain controlled output user adjustable from -16 dBm to -25 dBm @ 2150 MHz.
- Slope is field selected to either 12 dB or 8 dB
- PI-29Z Power supply sold separately

Model No. TAMP6R03-PI29 Call for Pricing



Power Supply with integrated power inserter. 29VDC

Model No. PI-29Z..... Call for Pricing



Grounding Blocks and Lugs

	Model No.	Description	Price
A	GB-1UL	Single Grounding Block with two set screws for two separate ground wires, 5-3,000 MHz, UL Listed	Call for Pricing
B	GRD BLK 4 W BOOT	Quad Grounding Block with two set screws for two separate ground wires, with weather boots, 5-3,000 MHz, UL Listed	Call for Pricing
C	AGC-5	Dual grounding lug with hole for ground screw and seizing screw	Call for Pricing

Six line LNB Polarity Locker

Six line LNB polarity locker, 35 dB port to port isolation, requires PI-29Z power supply (sold separately), All ports DC passing toward ODU.

Model No. DTV6PWRPOL-02 Call for Pricing



Six line LNB Polarity Locker

PI-29Z power supply required & sold separately

Model No. PLPI-R0-09 Call for Pricing

Seven Line Satellite Trunk Tap

Features

- Six satellite inputs, 250-2150 MHz
- One Terrestrial input, 5-1000 MHz
- Two ground lugs

- DC Power passing from output to input
- DC Power blocking on tap ports
- For indoor use only
- Wall mountable



STTAP Series

Models	Description	Price
STTAP06-R0-09	Seven Line 6 dB Tap	Call for Pricing
STTAP09-R0-09	Seven Line 9 dB Tap	Call for Pricing
STTAP12-R0-09	Seven Line 12 dB Tap	Call for Pricing
STTAP16-R0-09	Seven Line 16 dB Tap	Call for Pricing
STTAP20-R0-09	Seven Line 20 dB Tap	Call for Pricing



Wideband 7 Port Tap

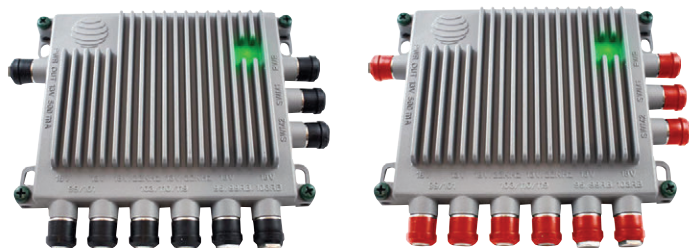
Models	dB	Description	Price
DTV7TAPDV06-02	6	Wideband 7 Port Tap / Directional Coupler, 250-2,150 MHz Exclusive To DIRECTV Satellite Signal Services	Call for Pricing
DTV7TAPDV09-02	9		
DTV7TAPDV12-02	12		
DTV7TAPDV16-02	16		

See Page 149 for details

FiberTronix
L-Band Fiber Optic Transmitter & Receiver
Model No. FT-SAT-TX-6
Model No. FT-SAT-RX-6



DIRECTV® MFH2™ Single Wire Satellite Distribution System



Standard Output SWM Module

SWM Module for up to 26 Tuners, Standard Output version for properties with home run wiring, Each of the two outputs is capable of supplying Signal to 13 tuners.

Requires 1 PI-29Z power supply (sold separately)

Model No. DSWM-30Call for Pricing

High Output SWM Module

SWM Module for up to 26 Tuners, High Output version for properties with loop through wiring Each of the two outputs is capable of supplying Signal to 13 tuners.

Requires 1 PI-29Z power supply (sold separately)

Model No. DSWM-30HPCall for Pricing

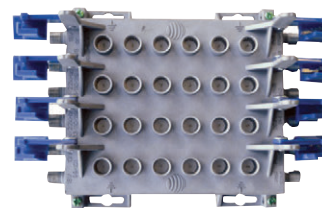


SWM Expander Module to Hold Up to 4 DSWM-30

Features

- Holds up to 4 DSWM-30
- Six Satellite Inputs
- Two power inputs (from PI-29Z)
- Four ground lugs
- Wall mountable
- Unused ports are auto terminated
- Requires 1 PI-29Z power supply for every two modules (sold separately)
- Will not power the LNB, external polarity locker is required
- Not compatible with legacy SWM-8/16/32 units
- For indoor use

Model No. SWM-EXPANDR-P-R0-09Call for Pricing

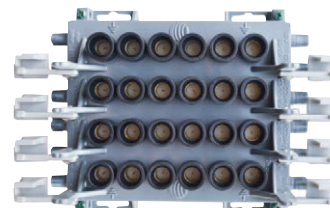


Active SWM Expander Module

Features

- Holds up to 4 DSWM-30
- DSWM provides power to all 6 satellite inputs
- Two power inputs (from PI-29Z)
- Four power outputs (to DSWM-30)
- Requires 1 PI-29Z power supply for every two modules (sold separately)
- Not compatible with legacy SWM8/16/32 units
- Unused ports are auto terminated
- This unit is suitable for indoor use

Model No. SWM EXPANDR-A-R0-09Call for Pricing



Outdoor SWM Expander Module

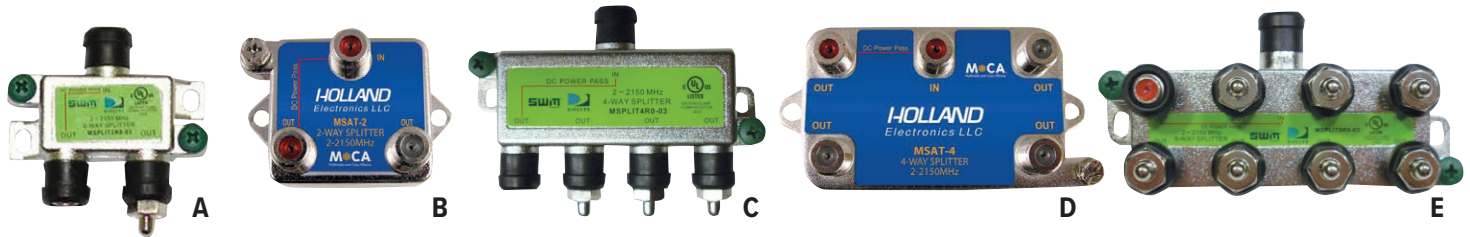
Features

- Holds up to 4 DSWM-30
- DSWM provides power to all 6 satellite inputs
- Two power inputs (from PI-29Z)
- Four power outputs (to DSWM-30)
- Requires 1 PI-29Z power supply for every two modules (sold separately)
- Provides LNB Power and can be used as a polarity locker
- Not compatible with legacy SWM8/16/32 units
- Unused ports are auto terminated
- This unit is suitable for outdoor use with the D2 Lite Enclosure

Model No. SWM EXPANDR-O-R0-09Call for Pricing

**Power Supply/Power Inserter, 21V,
Powers DIRECTV SWiM LNB Models
Model No. PI-21Call for Pricing**





Splitters for SWM/MFH2

	Models	Brand	Description	Price
A	SWS-2WBMH-HORZ	DIRECTV	2 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$4.39
B	MSAT-2	Holland Electronics	2 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$5.49
C	SWS-4WBMH-HORZ	DIRECTV	4 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$4.39
D	MSAT-4	Holland Electronics	4 Way Splitter for SWM/MFH2 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports	\$8.89
E	SWS-8WBMH-VERT	DIRECTV	8 Way Splitter 2-2,150 MHz, 1 Leg Power Passing Color Coded Power Pass Ports. MFH2 Approved	\$4.39



Satellite Diplexers & Triplexers

	Models	Brand	Description	Price
A	STD-9501	DIRECTV	SWM Compatible satellite/off air diplexer	\$7.19
B	DTV-DIPLEXR1-09	DIRECTV	Satellite Diplexer Supports G Fast Services. Used to combine and separate broadband or antenna signal and SWM signals	\$14.99
C	DTV-TRIPLEXR1	DIRECTV	Satellite Triplexer, Supports G Fast Services. Used to combine and separate broadband or antenna signal and SWM signals	\$14.33
-	SD-SWMD1	Sonora Design	Satellite Diplexer 60 dB of isolation of the DIRECTV 2.3 MHz SWIM control signal from the "CATV + SWIM" port to the CATV port	\$8.29
D	SD-SWMD3	Sonora Design	Satellite Diplexer Intended for CATV and SWM isolation where both 2.3 MHz and MRV filtering is critical	\$12.00
E	SBD	Holland	CATV/Sub-Band RF Diplexer, Combines / Separates CATV 54-1,000 MHz AND Sub-Band 5-40 MHz	\$13.79



Wideband / L-Band RF Coax Splitter 15-2,150 MHz, Diode Steered

	Models	Brand	Description	Price
A	HFS-2D	Holland Electronics	2 Way Wideband / L-Band RF Coax Splitter	\$2.19
B	HFS-3D		3 Way Wideband / L-Band RF Coax Splitter	\$3.19
C	HFS-4D		4 Way Wideband / L-Band RF Coax Splitter	\$3.49

Satellite Distribution Equipment



Wideband Satellite Distribution Taps for use with Digital Loop Through SWM Modules

Models	dB Tap	Price
DRETAP6DB-02	6	\$7.89
DRETAP9DB-02	9	\$7.89
DRETAP12DB-02	12	\$7.89
DRETAP16DB-02	16	\$7.89
DRETAP20DB-02	20	\$7.89



Dual Port Wideband Satellite Distribution Taps for use Digital Loop Through SWM Modules

Models	dB Tap	Price
DREDUAL12DB-02	12	\$7.99
DREDUAL16DB-02	16	\$7.99
DREDUAL20DB-02	20	\$7.99



Wideband / L-Band Rf Coax Directional Coupler, Single Tap Ports, 10-2,150 MHz

Models	dB Tap	Price
DCL-120	20	\$4.59
DCL-124	24	\$4.59



Wideband / L-Band Rf Coax Directional Coupler, Dual Tap Ports, 10-2,150 MHz

Models	dB Tap	Price
DCL-2-24	24	\$5.49
DCL-2-28	28	\$5.49



Wideband / L-Band Rf Coax Directional Coupler, Quad Tap Ports, 10-2,150 MHz

Models	dB Tap	Price
DCL-420	20	\$8.39
DCL-424	24	\$8.39

SWM Extension Amplifier

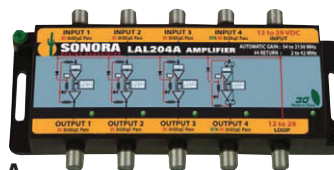
- Indoor DBS line powered amplifier with 940 to 2150 MHz forward gain and passive 2 MHz to 806 MHz return.
- Boosts SWM 940 to 2150 MHz signals offsetting the loss of 150 feet of RG6 while bidirectionally passing 2 to 806 MHz DECA, MoCA and receiver control signals.
- MoCA & DECA signals in the 475 to 625 MHz band pass through the SD SWMA2
- 1 dB of Loss at 2 - 806 MHz, 12 dB gain at 940-1,450 MHz, 15 dB gain at 1,450 MHz to 2,150 MHz.

Model No. SD-SWMA2-T\$44.99

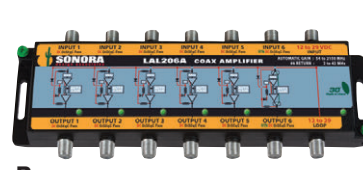


Ka/Ku Satellite Distribution Equipment

Auto Gain Satellite Amplifier



A



B

4 Line Auto Gain Satellite Amplifier

- Auto gain output of -20 dBm @ 2150 MHz
- Accommodates up to four satellite lines
- 54 MHz to 2,400 MHz
- Power supply included

A. Model No. LAL204A-T \$159.00

6 Line Auto Gain Satellite Amplifier

- Auto gain output of -20 dBm @ 2150 MHz
- Accommodates up to six satellite lines
- 54 MHz to 2,400 MHz
- Requires PI-29Z power supply (sold separately)

B. Model No. LAL206A-PI29 \$175.00

Single Line Amplifiers



A



B



C

Single Line Amplifier

- 14 dB Gain, 6 dB slope
- 54-3,500 MHz forward
- 2-40 MHz return

- Perfect for amplification of any single satellite line including SWM applications
- Power supply PS242000 required and sold separately

A. Model No. LA-141R..... \$61.00

- 54 - 2,400 MHz Forward
- Selectable fixed output of +1, 5 or 10 dBm

- 10 / 15 dB Selectable slope
- 40 dBm Minimum input
- Power supply included

B. Model No. PAL1510-T..... \$135.00

- 1 Port
- 950- 2,150 MHz

- 14 dB Gain

C. Model No. LA-141.....\$32.99

- 2- 3,000 MHz
- Passive return path

- Gain varies across frequencies from 20-30 dB

Model No. LA281R \$80.00

Dual Line Amplifier

- 28 dB Gain
- 54 - 3,000 MHz Forward
- 2-42 MHz return
- Power supply included



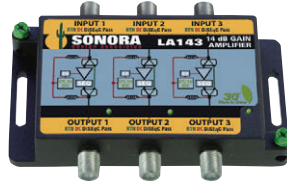
Dual Line Amplifier

- 14 dB Gain
- 950-2150 MHz Forward
- 2-42 MHz return
- Power supply included

Model No. LA142\$49.00

3 Input Amplifier

- 95 - 2150 MHz,
- 14 dB gain, 2-4 MHz return
- DC and 22 kHz passing



Model No. LA143\$65.00

4 Line Power Inserter's



4 Line Power Inserter

- Supplies LNB power to 4 LNB lines
- 13V, 18V, 13V with 22KHz & 18V with 22 KHz
- Requires PI-29Z power supply (not included)

A. Model No. 4SATPL-PI29\$42.99

4 Line Power Inserter

- Supplies LNB power to 4 LNB lines
- 20 VDC on all 4 lines
- Blocks DC from RF inputs
- Power supply included

B. Model No. 4SPI-20\$66.19

24VDC Coaxial Power Supply

This power supply allows a SWM multiswitch in a DIRECTV installation to be powered from the closet without generating excessive heat. This power inserter couples regulated DC voltage on satellite TV coax cables while allowing the DBS signal to pass through the inserter.



Model No. PS242000\$25.99

Low profile mount for
SLSP-F dishes
Model No. LOPROMNTRO
Call for Pricing



Mounting Foot / Base, Exclusive To
DIRECTV 95° International Programming,
2" Outer Diameter, 27.5" Pole

Mast and base for use with DIRECTV international dish. Other required items that are sold separately for complete international dish assembly.
Model No. SLMTSTD4R1 Call for Pricing



Under Eave Roof Mount, For
DIRECTV Satellite Dish ODU

The SLMTUE-P is an under-eave mounting bracket for DIRECTV satellite dish units. This unit supports the DIRECTV satellite dish at the rear, bottom, and front of eave. Compatible with 2" outer diameter masting.

Model No. SLMTUE-P.....Call for Pricing



Dish Masting, 72" Length Satellite Masting Pole,
2" Outer Diameter

This six foot length antenna mast is made of 16 gauge galvanized pipe, and has a 2" outside diameter. The unit is compatible with the DIRECTV slimline dish model.

Model No. POLE2-6FT.....\$21.99



DIRECTV Monopole Brace, Compatible
with SLSP-F Slimline Outdoor Unit

The DTVBRACE is often called a support, monopole, or strut, and is used as a support brace for DIRECTV Slimline satellite dish installations. This brace holds 2.0" outer diameter mast pipe.

Long Brace - extendable from 18" to 30"

Model No. DTVLONGBRACECall for Pricing

Short Brace - extendable from 12" to 20"

Model No. DTVSHORTBRACECall for Pricing

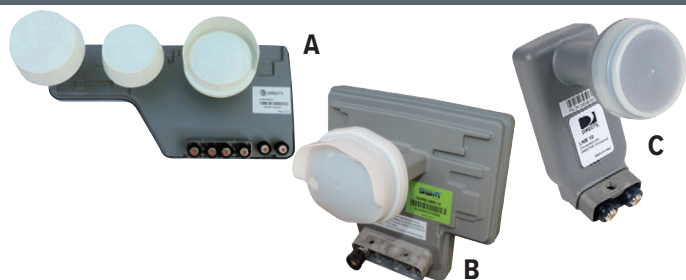
Lag Bolt Shield

1.75" x 5/16". 100/Box

Model No. LSL516-134P \$6.00/100



Satellite Dish Installation Materials



DIRECTV 5 Position LNB

Five position LNB with reverse band, receives 99/101/103/110/119 degree satellites. Six lines out (non-SWM).

A. Model No. SL5KRBR0-01 Call for Pricing

DIRECTV SWM LNB

SWM LNB - 3 Position with reverse band, receives 99/101/103 degree satellites. single wire SWM output, supports up to 13 tuners, requires PI-21 power supply.

B. Model No. 3D2RBLNB-SWM3 Call for Pricing

Single satellite legacy LNB

Dual output LNB for single satellite position. Primarily for the delivery of DIRECTV standard definition services, from DIRECTV satellite position (101). This unit is not capable of receiving DIRECTV high definition satellite services. Switches on 13V and 18V.

C. Model No. PM-LNBF-D-D..... Call for Pricing

Power Inserter

Power Inserter for SWM Style LNB

Model No. PI-21 Call for Pricing



5 Position Slimline Satellite Dish

5 Position Slimline satellite dish, includes back assembly, reflector, mast, base, 1 short & 1 long monopole support, LNB not included

Model No. SLSP-F ..Call for Pricing



DIRECTV, Slimline Reflector, For DIRECTV SLSP-F Slimline ODU Series

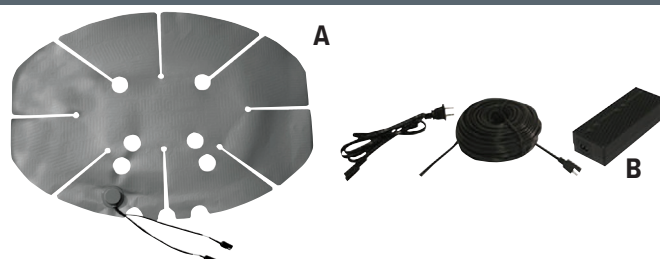
The SLREF4 is a replacement or upgrade reflector for the DIRECTV slimline satellite dish. Customers should note, this is not an entire satellite dish solution, just the reflector and mounting accessories.

Model No. SLREF4Call for Pricing



DIRECTV Fine-Tuning Back Assembly Unit for Satellite Dishes

Model No. BAUCall for Pricing



Satellite Dish Heater Element

- Safe low-voltage (26)VDC heater
- Purchase includes heater blanket
- Heating blanket silver color finish, made of durable vinyl
- 3M Acrylic adhesive assures a tight bond to the antenna

A. Model No. CT-SLMHTR-2ELECall for Pricing

Power Supply for CT-SLMHTR-2ELE

Includes heater, power supply, 100' cable & feed support arm heater

B. Model No. CT-SLMHTR-2PSCall for Pricing



Heater kit for SLSP-F Dish

Includes heater, power supply & 100' of 16awg 2 conductor cable

Model No. HSSLNGRFBKIT-V3Call for Pricing

Heater kit for SLSP-F Dish

Model No. 130007Call for Pricing

Arm Heater Kit, Exclusive To DIRECTV SLSP-F Dish

Includes heater, power supply, 100' cable & feed support arm heater

Model No. HSPSKIT4Call for Pricing

Satellite Outdoor DBS LNBF Adapter Kit, For Compatible 1.0 to 1.8 M Antennas

Bushing kit for LNBF adapter.

Model No. 610006850\$43.39



Azimuth/Elevation cap for compatible .9 to 1.0 meter satellite antenna models

Model No. 611613101 Call for Pricing

Tethering Kit for Satellite Dish and Mounting Equipment

Tethering kit for satellite dish and mounting equipment, Includes 50 feet of coated steel cable and four steel U-Bolt clamps.

Model No. CT-TETHER-50..... \$37.99



Satellite Dish Installation Materials

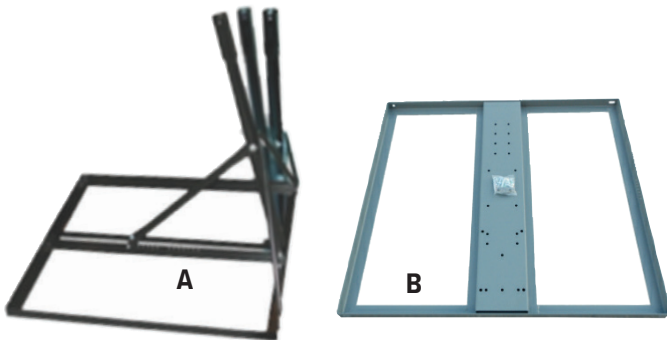


Channel Master 1 Meter Dishes & Mounts

Models	Description	Price
621000050	1 Meter dish with LNB support legs, 2-3/8" AZ/EL cap & LNBF adapter kit	Call for Pricing
611692107	1 Meter receive only antenna system, type 100, rugged commercial grade product, thermostat molded reflector with integrated support ribs	Call for Pricing
611617402	Non penetrating roof mount with 2-3/8" pipe and mat	Call for Pricing
610022002	Wall / roof mount with 2-3/8" pipe	Call for Pricing

DIRECTV 1.2 Meter Dishes

Models	Description	Price
DTVAH12DISH	1.2 Meter Reflector	Call for Pricing
DTVAH12AZEL	Azel Cap for 1.2 Meter Reflector	Call for Pricing
SL3RBAH	LNB Kit for 99, 101 & 103 Satellite Positions with Reverse Band	Call for Pricing
DTVAHNONPEN	Non penetrating roof mount for 1.2 Meter Dish	Call for Pricing
DTVAHWALLMNT	Wall Mount for 1.2 Meter Dish	Call for Pricing



Non Penetrating Roof Mount

Non Penetrating Roof Mount For DIRECTV Dishes. Includes reversible mast to accommodate 1.75" OD & 2.0" OD azel caps. Capable of minor mast adjustment pitch from 2° positive to 10° negative.

A. Model No. NPR-6B..... Call for Pricing

Non Penetrating Roof Mount

Non Penetrating Roof Mount For DIRECTV Dishes Pre-drilled holes to match DIRECTV dish foot patterns & support braces, No masting required.

B. Model No. NPR-8A..... Call for Pricing

Non-Penetrating Roof Mount, For Compatible 2" Outer Diameter DBS, Antenna Models

This unit includes a 30" mast and is compatible with 2" outer diameter requirements. The unit holds and requires eight 8" x 8" x 16" concrete blocks (not included) as ballast.

Model No. FRM-200

Call for Pricing



Non-Penetrating Roof Mount, For Compatible 1.25" Outer Diameter DBS, Antenna Models

This unit includes a 60" mast and is compatible with 1.25" outer diameter requirements. The unit holds and requires eight (The unit holds and requires eight 8" x 8" x 16" concrete blocks (not included) as ballast.

Model No. FRM-125 Call for Pricing

Non-Penetrating Roof Mount Kit for Off Air Antenna Mounting

Models	Description	Price
B3-34X40	Non pen mount base, 34" x 40"	Call for Pricing
B3-MAST-166X72	Mast for B3 base, 1.66" OD x 72" High	Call for Pricing
B3-MAT	Rubber mat for B3 base	Call for Pricing



Non Penetrating Roof Mount, Pitched Roof Mount Applications, For Legacy DBS 18/24" Outdoor Unit

The PRM-2 is a perfect mounting solution for legacy 18/24" satellite outdoor units using the pitch of the roof. The heavy duty mount is easy to install, has an adjustable mounting plate for ideal dish placement, and straddles the roof pitch. This unit holds up to eleven 8 x 8 x 16" standard concrete blocks to anchor, and accommodates most 18 and 24" legacy DBS dishes.

Model No. PRM-2..... Call for Pricing



Rubber Mat for Non Pen Mounts

42" x 36" x 0.08"

Model No. FRMMAT

Call for Pricing



Copper to Fiber Media Converters

Industrial Media Converters are used for converting copper twisted pair ethernet to fiber cable ethernet in locations that are exposed to harsh industrial operating conditions, such as high or low temperatures. While converting copper to fiber is mostly used for an extended data transmission distance of a network, many deployments are done to eliminate EMI and RFI interference that can occur on a copper ethernet as fiber optic cable is immune to EMI and RFI noise.

Unmanaged Mini Media Converters

Features

- Kit includes 2 Mini Media Converters
- PoE Kit includes 2 PoE Media Converters
- 1G Single or Dual Fiber, SC Selectable Fiber Port per media converter
- 1 x 10/100/1000 Base-T RJ45 port per media converter
- IEEE802.3
- 12V DC 1.4W, Power supplies included
- Aluminum alloy, IP30



Single Fiber Unmanaged Industrial Media Converter Kits

Model No. FT-EMCU-1G-SM-SX-MINI-KIT \$593.30

Dual Fiber Unmanaged Industrial Media Converter Kits

Model No. FT-EMCU-1G-SM-DX-MINI-KIT\$141.75

PoE Unmanaged Mini Media Converters

Single Fiber PoE Unmanaged Industrial Media Converter Kits

Model No. FT-EMCU-1G-SM-SX-MINI-POE-KIT \$766.00

Dual Fiber PoE Unmanaged Industrial Media Converter Kit's

Model No. FT-EMCU-1G-SM-DX-MINI-POE-KIT \$193.72

Unmanaged Media Converters

Features

- Kit includes 2 Media Converters
- 1 x 1000Base-x SC Selectable Fiber Ports
- 1 x 10/100/1000 Base-T Copper Ports
- 12V DC 1.4W, Power supply included
- Aluminum alloy, IP30



Single Fiber Unmanaged Industrial Media Converter Kits

Model No. FT-EMCU-1G-SM-SX-KIT\$254.00

Dual Fiber Unmanaged Industrial Media Converter Kits

Model No. FT-EMCU-1G-SM-DX-KIT \$66.85

Unmanaged Media Converters

Features

- Kit includes 2 Mini Media Converters
- 1 x 1000Base-x SC Selectable Fiber Ports
- 1 x 10/100/1000 Base-T Copper Ports
- 2V DC 1.4W, Power supply included
- Aluminum alloy, IP30



Single Fiber Unmanaged Media Converter Kits

Model No. FT-EMCU-1G-SM-SX-WM-KIT..... \$298.00

Dual Fiber Unmanaged Media Converter Kits

Model No. FT-EMCU-1G-SM-DX-WM-KIT \$75.60

Managed Industrial Media Converters

Features

- 1 RJ45 Port - 10/100/1000BaseT
- 1 SFP Port - 100/1000BaseX
- 1G SFP slot (SFP's sold separate)
- Packet forwarding rate: 5.952Mpps
- Backplane bandwidth: 8Gbps
- Network Standards: IEEE802.3
- Support 9600Byte jumbo frame
- Support 4K VLAN
- 12V-48V DC Input
- Operating Temp: -40 - 185 (-40 - 85°C)
- IP40 rate
- MTBF =400,000hrs
- IP40 rated, Aluminum housing



- 12VDC, Power supply included
- CE, FCC, ROHS
- DIN-Rail / Wall mount

Managed Media Converter Kits

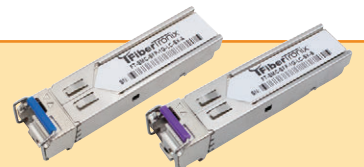
Model No. FT-EMCM-1G-SM-SFP \$372.45

Small Form-Factor Pluggable (SFP) Optical Transceiver

SFP Optical Transceivers are hot-swappable, interchangeable, compact connectors that are a cost effective solution for facilitating a reliable, wired, high-speed connection between two devices via copper or fiber optic cables.

Model No. FT-EMC-SFP-1G-LC-SX-A \$53.85

Model No. FT-EMC-SFP-1G-LC-SX-B \$80.81



FT-FTX Series Indoor Fiber Optic Transmitter Rack Mountable

Features

- Wavelength: 1310nm, Single-Mode
- 47-860 MHz
- Front panel controls
- Requires 12 - 22 dBmV
- Front panel lock out
- SC/APC or FC/APC Output (specify)
- 6 dB or 10 dB output lasers available
- -20 dB RF test point
- 19" Rack mountable housing



Contents Include

- 1 Fiber optic transmitter
- 1 Power cord

The FT-FTX series is a state of the art series of rack mountable fiber optic transmitters designed for the fiber optic distribution of broadband RF signals. These units accept a flat RF signal from 47-860 MHz and transmit out over single-mode fiber at 1310nm. The series has models with output levels of 6 dB or 10 dB and is available with either SC/APC or FC/APC fiber optic connectors. The FT-FTX series feature a high linearity DFB laser and an advanced pre-distortion feature providing a high level of reliability with low power, low noise, a high output level and excellent performance to price ratio. Unique thermal design provides superior heat dissipation, increasing the reliability of each system. The automatic gain control helps maintain a constant RF drive level to the laser for consistent performance. An interface LCD display allows the user to easily monitor the transmitter's performance. A convenient -20dBmV test point is located on the rear panel to enable input signal testing without service interruption.

FT-FTX Series Indoor Fiber Optic Transmitter Rack Mountable		
Models	Description	Price
FT-FTX-6-SCAPC	Fiber optic transmitter, 6 dB, SC/APC output connection	Call for Pricing
FT-FTX-10-SCAPC-V2	Fiber optic transmitter, 10 dB, SC/APC output connection	Call for Pricing

FT-FTX Series Indoor Fiber Optic Transmitter Rack Mountable		
Models	Description	Price
FT-FTX-10-FCAPC	Fiber optic transmitter, 10 dB, FC/APC output connection	Call for Pricing
FT-FTX-PS2-RDN	Redundant power supply for FT-FTX s series transmitters	Call for Pricing

Indoor Fiber Optic Receiver Rack Mountable

Features

- Dual RF Outputs
- Wavelength: 1200 - 1600nm
- 47-860 MHz Forward Path Receiver
- Front panel input signal level display
- Wide optical input range -8dBm to +2dBm
- Complies with SCTE HMS and IEC network management standards
- -20 dB RF test point
- 19" Rack mountable housing



Contents Include

- 1 Fiber optic transmitter
- 1 Power cord

The FT-FRXID-RM-SCAPC is a state of the art rack mountable fiber optic receiver designed for indoor receive only fiber optic applications. With a receive frequency range of 47 to 860 MHz, this unit offers flexibility in operation and maintenance. The unit provides a high level of reliability with low power, low noise, a high output level and excellent performance to price ratio. The automatic gain control (AGC) range is +1dBm to -6dBm providing a stable output level that remains within 0.5 dB. The FT-FRXID-RM-SCAPC has two RF outputs with an output level of 35 dBmV. The unit is contained in a rugged single rack space housing that is 19" rack mountable. A convenient -20dBmV test point is located on the front panel along with a digital input signal level display and equalization and attenuation controls. The back panel has an optical input along with two F connectors for the RF output.

Dual Output fiber optic receiver with SC/APC fiber input

Model No. FT-FRXID-RM-SCAPC.....Call for Pricing

Replacement Power Supply

Model No. FT-FRXID-RM-PS Call for Pricing

FTTH Mini Optical Node

Features

- Wavelength: 1200 - 1600nm
- 54-870 MHz Forward Path Receiver
- 5-42 MHz Reverse Path Transmitter
- Wide optical input range -8dBm to +2dBm
- pHEMT GaAs FET Technology
- Forward and reverse RF test points
- Local or remote power supply
- Die-cast aluminum housing
- Excellent heat dissipation



The FT-HHRX-870-1 series is a state of the art fiber node designed for FTTH applications. With a receive frequency range of 54 to 870 MHz, these units offer flexibility in operation and maintenance. GaAs FET technology provides low distortion and a flexible input level. Featuring low power consumption and surge protected design the FT-HHRX-870-1 series is perfect for commercial and residential applications. This series features an integrated return path transmitter with a reverse frequency range of 5-42 MHz. The automatic gain control (AGC) function has been specially designed to simplify installation and network maintenance by compensating for changes optical input power. The unit provides a stable RF output level when fed with input levels between -8dBm and +2dBm.

FTTH Mini Optical Node		
Models	Description	Price
FT-HHRX-870-1-SCAPC	Fiber optic receiver with SC/APC fiber input	Call for Pricing
FT-HHRX-PS	Replacement power supply pairs to the FiberTronix FT-HHRX-* series of optical receive units.	Call for Pricing

Contents Include

- 1 Fiber optic node
- 1 Power supply

FTTH Mini Optical Node

Features

- Wavelength: 1200 - 1600nm
- 47-1000 MHz Forward Path Receiver
- Wide optical input range -8dBm to +2dBm
- Low-noise GaAs chip, excellent non-linear distortion performance
- Low power consumption: <1W
- External high-quality power adapter
- Single Mode Fiber, SC/APC Connection



The FT-HHRX-1000-SC-MINI is a state of the art fiber node with a receive frequency range of 47 to 1000 MHz. These units offer flexibility in operation and maintenance with GaAs chip technology which provides low distortion and a flexible input level. Featuring low power consumption the FT-HHRX-1000-SC-MINI is perfect for commercial and residential applications. The unit provides a stable RF output level when fed with input levels between -8dBm and +2dBm.

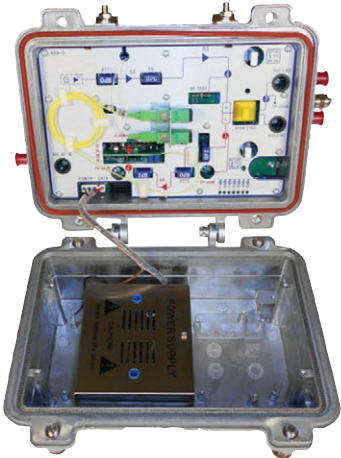
Model No. FT-HHRX-1000-SC-MINI..... Call for Pricing

Outdoor Fiber Optic Node

Features

- Dual RF Outputs
- Wavelength: 1200 - 1600nm
- 54-1,000 MHz Forward Path Receiver
- 5-42 MHz Reverse Path Transmitter
- Wide optical input range -8dBm to +2dBm
- GaAs Power Doubled Amplifier
- -20 dB RF test point
- Local or remote power supply
- Outdoor housing

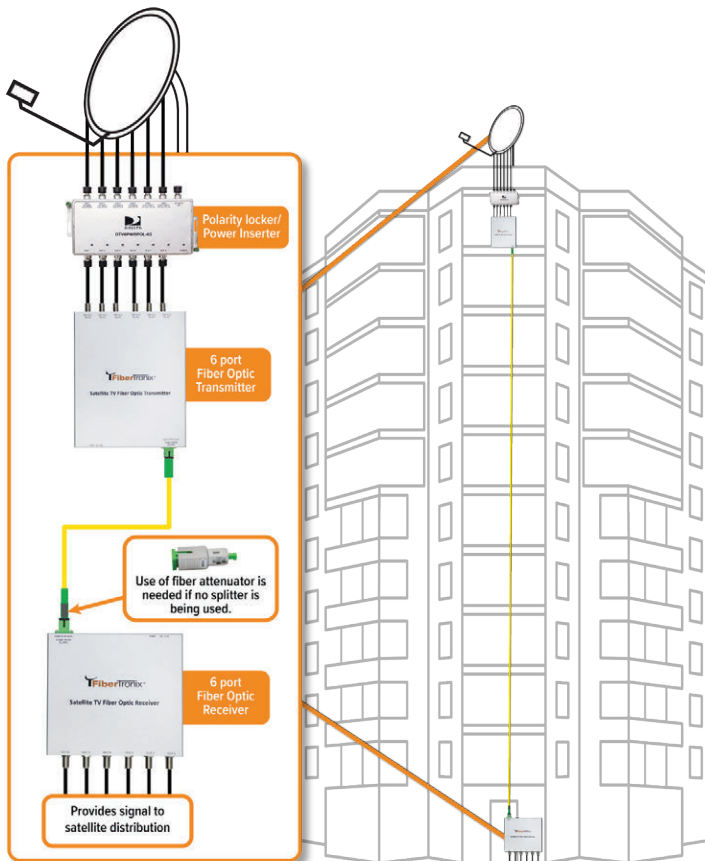
The FT-FRXOD-SCAPC is a state of the art fiber node designed for outdoor two-way fiber optic applications. With a receive frequency range of 54 to 1,000 MHz, these units offer flexibility in operation and maintenance. This multi-function optical node adopts high-quality GaAs power doubled amplifier technology to provide a high level of reliability with low power, low noise, a high output level and excellent performance to price ratio. This series features an integrated return path transmitter with a reverse frequency range of 5-42 MHz. The automatic gain control (AGC) range is +1dBm to -6dBm with a received optical power is -6dBm. The unit provides a stable RF output level when fed with input levels between -8dBm and +2dBm. The outdoor weatherproof housing contains an internal power supply requiring 60VAC. Plug in attenuator pads and equalizers allow this unit to adapt to every distribution system.



Model No. FT-FRXOD-SCAPC Call for Pricing

L-Band Satellite Transmission Over Fiber Optic Cable

Transmit, extend and receive multiple satellite TV signals in the L-Band over a single optical fiber up to 12.5 miles using FiberTronix fiber optic Transmitters and Receivers



FT-SAT-TX-6 L-Band Fiber Optic Transmitter

The FiberTronix FT-SAT-TX-6 L-Band fiber optic transmitter carries 6 Satellite RF carriers in the 174 - 2350MHz frequency range over a single-mode fiber from the dish LNB to a FiberTronix FT-SAT-RX-6 L-Band fiber optic Receiver for coaxial cable distribution through L-Band switches to satellite receivers. High frequency L-Band satellite signals typically travel only a few hundred feet before needing amplification, which causes noise, and is limited to 2 cascading amplifiers using coaxial cable, before significant signal deterioration occurs. By transporting the L-Band satellite signal over a single-mode optical fiber this distance will extend up to 12.5 miles. One FT-SAT-TX-6 transmitter can deliver high quality RF to a maximum of 32 optical receivers (Receiver model: FT-SAT-RX-6).

A. Model No. FT-SAT-TX-6Call for Pricing

FT-SAT-RX-6 L-Band Fiber Optic Receiver

The FiberTronix FT-SAT-RX-6 L-Band fiber optic Receiver outputs up to 6 RF Satellite signals that are received over a single-mode fiber from a corresponding FiberTronix multiplex Transmitter (FT-SAT-TX-6) in the range of 174 - 2350MHz and uses Automatic Gain Control for power level stability

B. Model No. FT-SAT-RX-6Call for Pricing

IMPORTANT:

If you are connecting one transmitter to only one receiver, and not multiple receivers using a splitter, a 10dB fiber attenuator is required to not overdrive the receiver.

Attenuator

Model No.FT-FOATT-MF-SC-APC-10

Optional Polarity Locker and Power Supply:

- Polarity Locker: DTV6PWRPOL-02
- Polarity Locker Power supply: PI-29Z



L-Band Satellite Transmission Over Fiber Optic Cable

L-Band Fiber Transmitter

Features

- Plug & play deployment
- Point-to-multi-point architecture
- Compatible with Foxcom AL6R receiver
- Operating Frequency Range: 200-2400 MHz
- Minimum/Maximum RF Input Power: -50dBm/-20dBm



- Optical Output Power: +3dBm
- Optical Output Connector Type: SC/APC

The AL6T-66-CWDM transmits multiple satellite TV signals to multiple locations over a single optical fiber. This compact solution, which boasts 6 expanded L-band (200-2400MHz) inputs, is capable of supporting a variety of satellite television platforms. This transmitter is equipped with 6 dedicated DFB lasers to ensure stability and integrity of the signal. The internal multiplexer enables the installer to deliver all 6 L-band signals over a single fiber. The transmitter is designed to be used with a Foxcom optical splitter in point-to-multi-point applications. Depending on design requirements, the AL6T-66-CWDM can be used with the AL6R-66-CWDM.

L-Band Fiber Transmitter

Models	Description	Price
AL6T-66-CWDM	6 Input L-Band Fiber Transmitter with internal CWDM, single fiber output (transmitter only)	Call for Pricing
AL6T-66-CWL-8K	8 Output transmitter kit, includes 1 AL6T-66-CWDM, 1 Fiber jumper, 1x8 fiber splitter & 14 slot LGX style housing	Call for Pricing
AL6T-66-CWL-16K	16 Output transmitter kit, includes 1 AL6T-66-CWDM, 1 Fiber jumper, 1x16 fiber splitter & 14 slot LGX style housing	Call for Pricing
AL6T-66-CWL-32K	32 Output transmitter kit, includes 1 AL6T-66-CWDM, 1 Fiber jumper, 1x32 fiber splitter & 14 slot LGX style housing	Call for Pricing

6 Output L-Band Fiber Receiver with internal CWDM, single fiber input

Features

- 6 Expanded L-band frequency inputs
- Single SC/APC input
- Six F-type outputs
- Stand-alone housing
- Plug & Play deployment
- Maximum Input Power: -8dBm
- Minimum Input Power: -16Dbm
- Optical Input Connector Type: SC/APC



The Foxcom compact AL6R-66-CWDM receiver converts incoming signals from Foxcom's optical AL6T-66-CWDM transmitter into 6 RF outputs. This cost-effective solution boasts a large optical input window and linear performance, enabling it to distribute up to 6 high-quality, L-Band (200-2400MHz) TV signals. The receiver is designed with internal CWDM to provide optimum, quality satellite TV signals in point-to-multi-point applications. Optical connectors are provided for data communication using 1310 and 1490nm. The AL6R-66-CWDM compact design and low power consumption enables it to be easily integrated into many distribution environments.

Model No. AL6R-66-CWDM..... Call for Pricing

L-Band Fiber Transmitter or Receiver

- 1 Expanded L-band frequency input
- Stand-alone housing
- Low power consumption
- AGC circuitry Compatible with Foxcom's AL5R/AL6R1 receivers
- Optical Output Power: +3dBm
- Optical Output Connector Type: SC/APC
- AL6T-1-CWDM - Minimum/ Maximum RF Input Power: -50dBm /-20dBm
- AL6T-1-CWDM - Minimum/ Maximum RF Input Power: -8dBm /-16Dbm

Transmitter

A. Model No. AL6T-1-CWDMCall for Pricing

Receiver

B. Model No. AL6R-1-CWDM.....Call for Pricing



L-Band Satellite Transmission Over Fiber Optic Cable

- 5 L-Band Satellite Inputs, 200-2,500 MHz
- Minimum RF Input: -40 dBm
- Maximum RF Input: -20 dBm
- 1 Single-Mode fiber output, SC/APC
- Internal CWDM combiner, 1610-1510nm
- 4 dBm Fiber output
- Stand alone housing
- Low power consumption
- AGC Circuitry



Foxcom has taken the field tested quality you've come to expect in our AL5 Chassis Mount equipment and placed them in a small-footprint, wall mountable housing. With options that include the ability to distribute up to 5 L-band signals on a single fiber, the Compact Series may well be the solution you've been looking for. The BsmarTV compact series of transmitters is designed for deployments in both small and medium buildings. The AL5T3 compact series of transmitters are low profile and wall mountable providing a cost effective method of delivering transport for small and medium distribution systems where communication room space is at a premium or rack mounting is not an option.

16 Output transmitter kit, includes 1 AL5T3-1-CWDM-5, 1 Fiber jumper, 1x16 fiber splitter & 1 4 slot LGX style housing

32 Output transmitter kit, includes 1 AL5T3-1-CWDM-5, 1 Fiber jumper, 1x32 fiber splitter & 1 4 slot LGX style housing

A. Model No. AL5T3-5-CWL-16K Call for Pricing

B. AL5T3-5-CWL-32K Call for Pricing

Fiber Optic Splitters

19" Rack Mountable Fiber Optic Splitters

Models	Description	Price
FT-RMSME-1X2-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 2	\$114.60
FT-RMSME-1X4-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 4	\$122.10
FT-RMSME-1X8-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 8	\$137.10
FT-RMSME-1X16-SCAPC	PLC-Splitter-Rack-Mountable 19", SC/APC, SM, 1 x 16	\$205.50
FT-RMSME-1X2-LCAPC	PLC-Splitter-Rack-Mountable 19", LC/APC, SM, 1 x 2	\$120.00
FT-RMSME-1X4-LCAPC	PLC-Splitter-Rack-Mountable 19", LC/APC, SM, 1 x 4	\$129.00
FT-RMSME-1X2-FC	PLC-Splitter-Rack-Mountable 19", FC, SM, 1 x 2	\$114.60
FT-RMSME-1X4-FC	PLC-Splitter-Rack-Mountable 19", FC, SM, 1 x 4	\$122.10
FT-RMSME-1X2-ST	PLC-Splitter-Rack-Mountable 19", ST, SM, 1 x 2	\$114.60
FT-RMSME-1X4-ST	PLC-Splitter-Rack-Mountable 19", ST, SM, 1 x 4	\$122.10



Fiber Optic Splitters, Box Modules (with Connectors)

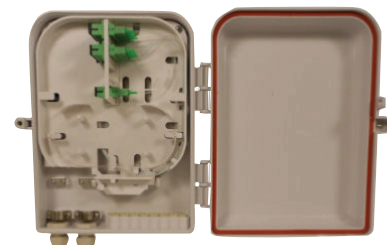
Models	Description	Price
FT-SBMSE-1X2-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 2, 1.5M	\$73.50
FT-SBMSE-1X4-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 4, 1.5M	\$79.50
FT-SBMSE-1X8-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 8, 1.5M	\$93.00
FT-SBMSE-1X16-SCAPC	PLC-Splitter-Box Module, SC/APC, SM, 1 x 16, 1.5M	\$156.00
FT-SBMSE-1X2-LCAPC	PLC-Splitter-Box Module, LC/APC, SM, 1 x 2, 1.5M	\$75.00
FT-SBMSE-1X4-LCAPC	PLC-Splitter-Box Module, LC/APC, SM, 1 x 4, 1.5M	\$81.00

Fiber Optic Splitters, Box Modules (with Connectors)

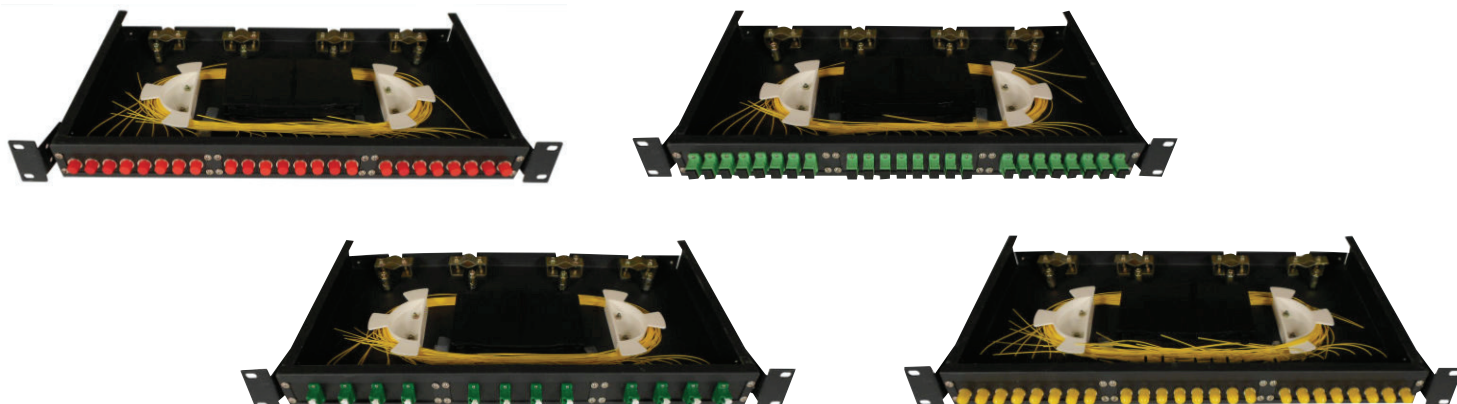
Models	Description	Price
FT-SBMSE-1X2-FC	PLC-Splitter-Box Module, FC, SM, 1 x 2, 1.5M	\$72.00
FT-SBMSE-1X4-FC	PLC-Splitter-Box Module, FC, SM, 1 x 4, 1.5M	\$78.00
FT-SBMSE-1X2-ST	PLC-Splitter-Box Module, ST, SM, 1 x 2, 1.5M	\$72.00
FT-SBMSE-1X4-ST	PLC-Splitter-Box Module, ST, SM, 1 x 4, 1.5M	\$78.00
FT-SBMSE-1X2-SC	PLC-Splitter-Box Module, SC, SM, 1 x 2, 1.5M	\$72.00
FT-SBMSE-1X4-SC	PLC-Splitter-Box Module, SC, SM, 1 x 4, 1.5M	\$78.00

Fiber Optic Splitters with Wall Box Enclosures

Models	Description	Price
FT-SWBSME-1X2-SCAPC	PLC-Splitter-Wall-Box, SC/APC, SM, 1 x 2	\$143.70
FT-SWBSME-1X4-SCAPC	PLC-Splitter-Wall-Box, SC/APC, SM, 1 x 4	\$151.50
FT-SWBSME-1X8-SCAPC	PLC-Splitter-Wall-Box, SC/APC, SM, 1 x 8	\$166.50
FT-SWBSME-1X2-LCAPC	PLC-Splitter-Wall-Box, LC/APC, SM, 1 x 2	\$147.00
FT-SWBSME-1X4-LCAPC	PLC-Splitter-Wall-Box, LC/APC, SM, 1 x 4	\$156.00

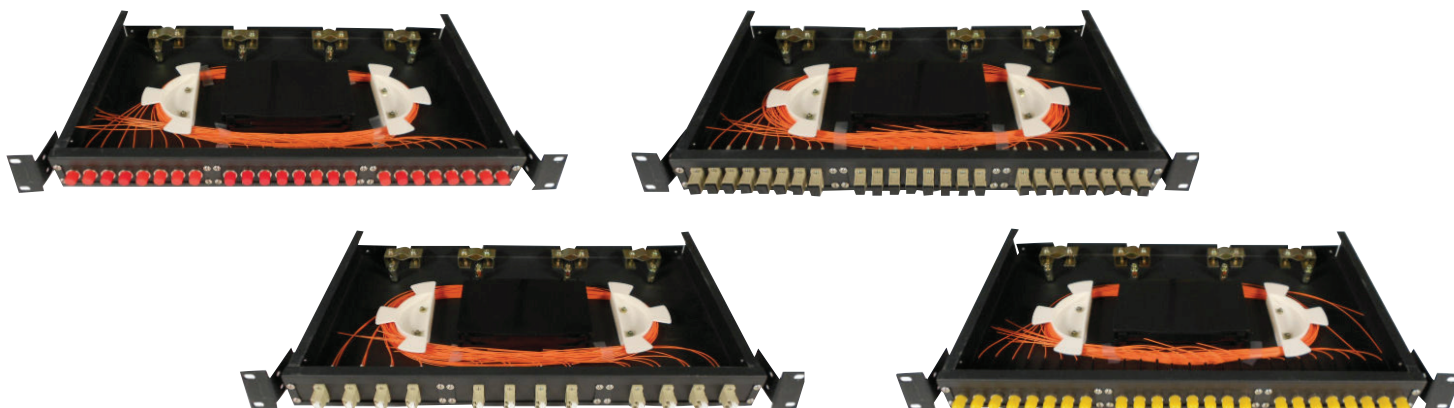


Fiber Optic Patch Panels with Integrated Splice Tray



19" Rack Mountable Fiber Optic Patch Panels, 1 RU, Single-Mode

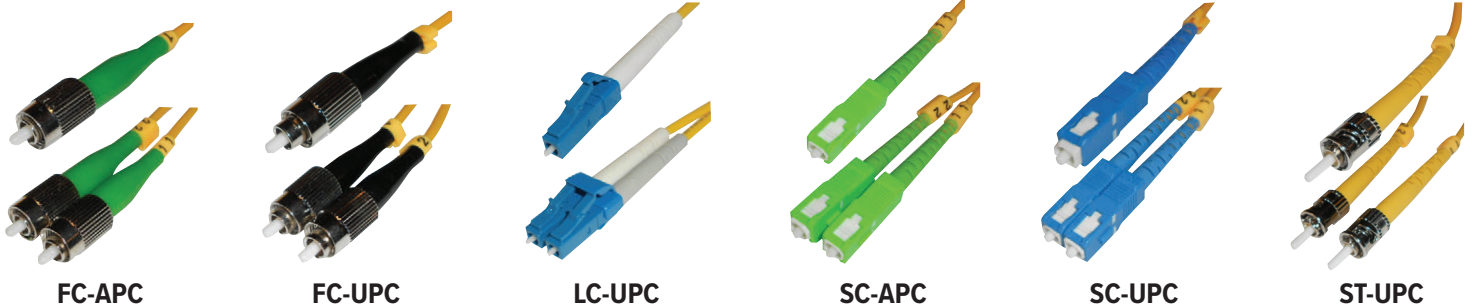
Models	Description	Price
FT-PPRMSM-12-SCAPC	SC/APC 12 Port, SM Simplex, (with SC/APC SM Simplex Adapter & Pigtail x12)	\$84.63
FT-PPRMSM-24-SCAPC	SC/APC 24 Port, SM Simplex, (with SC/APC SM Simplex Adapter & Pigtail x24)	\$128.00
FT-PPRMSM-12-LCAPC	LC/APC 12 Port, SM Simplex, (with LC/APC SM Simplex Adapter & Pigtail x12)	\$95.00
FT-PPRMSM-24-LCAPC	LC/APC 24 Port, SM Simplex, (with LC/APC SM Simplex Adapter & Pigtail x24)	\$150.00
FT-PPRMSM-12-FC	FC 12 Port, SM Simplex, (with FC SM Simplex Adapter & Pigtail x12)	\$82.00
FT-PPRMSM-24-FC	FC 24 Port, SM Simplex, (with FC SM Simplex Adapter & Pigtail x24)	\$122.50
FT-PPRMSM-12-ST	ST 12 Port, SM Simplex, (with ST SM Simplex Adapter & Pigtail x12)	\$80.50
FT-PPRMSM-24-ST	ST 24 Port, SM Simplex, (with ST SM Simplex Adapter & Pigtail x24)	\$120.00



19" Rack Mountable Fiber Optic Patch Panels, 1 RU, Multi-Mode

Models	Description	Price
FT-PPRMMM-12-SC	SC 12 Port, MM Simplex, (with SC MM Simplex Adapter & 50/125 Pigtail x12)	\$75.00
FT-PPRMMM-24-SC	SC 24 Port, MM Simplex, (with SC MM Simplex Adapter & 50/125 Pigtail x24)	\$109.00
FT-PPRMMM-12-LC	LC 12 Port, MM Simplex, (with LC MM Simplex Adapter & 50/125 Pigtail x12)	\$85.00
FT-PPRMMM-24-LC	LC 24 Port, MM Simplex, (with LC MM Simplex Adapter & 50/125 Pigtail x24)	\$129.50
FT-PPRMMM-12-FC	FC 12 Port, MM Simplex, (with FC MM Simplex Adapter & 50/125 Pigtail x12)	\$78.75
FT-PPRMMM-24-FC	FC 24 Port, MM Simplex, (with FC MM Simplex Adapter & 50/125 Pigtail x24)	\$115.00
FT-PPRMMM-12-ST	ST 12 Port, MM Simplex, (with ST MM Simplex Adapter & 50/125 Pigtail x12)	\$75.75
FT-PPRMMM-24-ST	ST 24 Port, MM Simplex, (with ST MM Simplex Adapter & 50/125 Pigtail x24)	\$110.50

Fiber Optic Jumper Cables



Single-Mode, Simplex, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
FC-APC - FC-APC	FT-SMJ-SX-FC-APC-1M	\$4.16	FT-SMJ-SX-FC-APC-2M	\$4.31	FT-SMJ-SX-FC-APC-5M	\$4.77	FT-SMJ-SX-FC-APC-10M	\$5.54
FC-UPC - FC-UPC	FT-SMJ-SX-FC-UPC-1M	\$3.89	FT-SMJ-SX-FC-UPC-2M	\$4.05	FT-SMJ-SX-FC-UPC-5M	\$4.51	FT-SMJ-SX-FC-UPC-10M	\$5.78
LC-UPC - LC-UPC	FT-SMJ-SX-LC-LC-1M	\$4.39	FT-SMJ-SX-LC-LC-2M	\$4.95	FT-SMJ-SX-LC-LC-5M	\$4.99	FT-SMJ-SX-LC-LC-10M	\$6.50
LC-UPC - SC-UPC	FT-SMJ-SX-LC-SC-1M	\$4.73	FT-SMJ-SX-LC-SC-2M	\$4.93	FT-SMJ-SX-LC-SC-5M	\$5.50	FT-SMJ-SX-LC-SC-10M	\$6.48
SC-APC - FC-APC	FT-SMJ-SX-SC-FCA-1M	\$4.55	NA		FT-SMJ-SX-SC-FCA-5M	\$5.25	FT-SMJ-SX-SC-FCA-10M	\$6.19
SC-APC - SC-APC	FT-SMJ-SX-SC-APC-1M	\$3.81	FT-SMJ-SX-SC-APC-2M	\$3.96	FT-SMJ-SX-SC-APC-5M	\$4.42	FT-SMJ-SX-SC-APC-10M	\$5.19
SC-UPC - SC-UPC	FT-SMJ-SX-SC-UPC-1M	\$3.76	FT-SMJ-SX-SC-UPC-2M	\$3.92	FT-SMJ-SX-SC-UPC-5M	\$4.38	FT-SMJ-SX-SC-UPC-10M	\$5.15
SC-UPC - ST-UPC	FT-SMJ-SX-SC-ST-1M	\$4.58	FT-SMJ-SX-SC-ST-2M	\$4.75	FT-SMJ-SX-SC-ST-5M	\$5.33	FT-SMJ-SX-SC-ST-10M	\$6.30
ST-UPC - ST-UPC	FT-SMJ-SX-ST-UPC-1M	\$3.54	FT-SMJ-SX-ST-UPC-2M	\$3.70	FT-SMJ-SX-ST-UPC-5M	\$4.16	FT-SMJ-SX-ST-UPC-10M	\$4.93

Single-Mode, Duplex, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
FC-APC - FC-APC	FT-SMJ-DX-FC-APC-1M	\$8.32	FT-SMJ-DX-FC-APC-2M	\$8.62	FT-SMJ-DX-FC-APC-5M	\$9.55	FT-SMJ-DX-FC-APC-10M	\$11.09
LC-UPC - LC-UPC	FT-SMJ-DX-LC-LC-1M	\$16.85	FT-SMJ-DX-LC-LC-2M	\$17.90	FT-SMJ-DX-LC-LC-5M	\$18.25	FT-SMJ-DX-LC-LC-10M	\$21.15
LC-UPC - SC-UPC	FT-SMJ-DX-LC-SC-1M	\$9.45	FT-SMJ-DX-LC-SC-2M	\$9.85	FT-SMJ-DX-LC-SC-5M	\$11.00	FT-SMJ-DX-LC-SC-10M	\$12.95
LC-UPC - ST-UPC	FT-SMJ-DX-LC-ST-1M	\$9.20	FT-SMJ-DX-LC-ST-2M	\$9.55	FT-SMJ-DX-LC-ST-5M	\$10.75	FT-SMJ-DX-LC-ST-10M	\$12.65
SC-APC - SC-APC	FT-SMJ-DX-SC-APC-1M	\$7.61	FT-SMJ-DX-SC-APC-2M	\$7.92	FT-SMJ-DX-SC-APC-5M	\$8.84	FT-SMJ-DX-SC-APC-10M	\$10.38
SC-UPC - SC-UPC	FT-SMJ-DX-SC-UPC-1M	\$7.52	FT-SMJ-DX-SC-UPC-2M	\$7.83	FT-SMJ-DX-SC-UPC-5M	\$8.76	FT-SMJ-DX-SC-UPC-10M	\$10.30
SC-UPC - ST-UPC	FT-SMJ-DX-SC-ST-1M	\$9.15	FT-SMJ-DX-SC-ST-2M	\$9.50	FT-SMJ-DX-SC-ST-5M	\$10.65	FT-SMJ-DX-SC-ST-10M	\$12.60

Multi-Mode, Duplex, 50/125 Micron, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
LC-UPC - LC-UPC	FT-MMJ5-DX-LC-LC-1M	\$8.20	FT-MMJ5-DX-LC-LC-2M	\$8.80	FT-MMJ5-DX-LC-LC-5M	\$10.60	FT-MMJ5-DX-LC-LC-10M	\$13.65
LC-UPC - SC-UPC	FT-MMJ5-DX-LC-SC-1M	\$8.35	FT-MMJ5-DX-LC-SC-2M	\$8.95	FT-MMJ5-DX-LC-SC-5M	\$10.80	FT-MMJ5-DX-LC-SC-10M	\$13.80
SC-UPC - SC-UPC	FT-MMJ5-DX-SC-UPC-1M	\$6.78	FT-MMJ5-DX-SC-UPC-2M	\$7.22	FT-MMJ5-DX-SC-UPC-5M	\$8.54	FT-MMJ5-DX-SC-UPC-10M	\$10.74
SC-UPC - ST-UPC	FT-MMJ5-DX-SC-ST-1M	\$8.25	FT-MMJ5-DX-SC-ST-2M	\$8.85	FT-MMJ5-DX-SC-ST-5M	\$10.65	FT-MMJ5-DX-SC-ST-10M	\$13.70
ST-UPC - ST-UPC	FT-MMJ5-DX-ST-UPC-1M	\$6.34	FT-MMJ5-DX-ST-UPC-2M	\$6.78	FT-MMJ5-DX-ST-UPC-5M	\$8.10	FT-MMJ5-DX-ST-UPC-10M	\$10.30

Multi-Mode, Duplex, 62.5/125 Micron, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
LC-UPC - LC-UPC	FT-MMJ6-DX-LC-LC-1M	\$14.75	FT-MMJ6-DX-LC-LC-2M	\$15.80	FT-MMJ6-DX-LC-LC-5M	\$16.95	FT-MMJ6-DX-LC-LC-10M	\$19.65
LC-UPC - SC-UPC	FT-MMJ6-DX-LC-SC-1M	\$8.35	FT-MMJ6-DX-LC-SC-2M	\$8.95	FT-MMJ6-DX-LC-SC-5M	\$10.80	FT-MMJ6-DX-LC-SC-10M	\$13.80
LC-UPC - ST-UPC	FT-MMJ6-DX-LC-ST-1M	\$8.10	FT-MMJ6-DX-LC-ST-2M	\$8.70	FT-MMJ6-DX-LC-ST-5M	\$10.50	FT-MMJ6-DX-LC-ST-10M	\$13.55
ST-UPC - ST-UPC	FT-MMJ6-DX-ST-UPC-1M	\$6.34	FT-MMJ6-DX-ST-UPC-2M	\$6.78	FT-MMJ6-DX-ST-UPC-5M	\$8.10	FT-MMJ6-DX-ST-UPC-10M	\$10.30

Multi-Mode, Duplex, 50/125 Micron, 10Gb LOMMF Aqua Fiber, 3.0mm Core Diameter

	1 Meter Models	Price	2 Meter Models	Price	5 Meter Models	Price	10 Meter Models	Price
LC-UPC - LC-UPC	FT-MMJ5A-DX-LC-LC-1M	\$9.55	FT-MMJ5A-DX-LC-LC-2M	\$10.80	FT-MMJ5A-DX-LC-LC-5M	\$14.40	FT-MMJ5A-DX-LC-LC-10M	\$20.45
LC-UPC - SC-UPC	FT-MMJ5A-DX-LC-SC-1M	\$9.75	FT-MMJ5A-DX-LC-SC-2M	\$10.95	FT-MMJ5A-DX-LC-SC-5M	\$14.60	FT-MMJ5A-DX-LC-SC-10M	\$20.65
SC-UPC - SC-UPC	FT-MMJ5A-DX-SC-SC-1M	\$9.90	FT-MMJ5A-DX-SC-SC-2M	\$11.10	FT-MMJ5A-DX-SC-SC-5M	\$14.75	FT-MMJ5A-DX-SC-SC-10M	\$20.80
ST-UPC - ST-UPC	FT-MMJ5A-DX-ST-ST-1M	\$9.35	FT-MMJ5A-DX-ST-ST-2M	\$10.55	FT-MMJ5A-DX-ST-ST-5M	\$14.20	FT-MMJ5A-DX-ST-ST-10M	\$20.25

Fiber Optic Cable, Single Mode, Simplex, 2 SC/APC Connections, 5 Meter Length

Premade five-meter length single mode fiber optic cable with SC/APC connections and a 2.0 mm riser rated core diameter. **Model No. SCA2-SMS-05.....\$6.29**



Pre-Terminated Long Fiber Optic Cables

Single-Mode, Simplex, SC-APC Connections

Models	Description	Price
FT-SMJ-SX-SC-APC-50M	Single-Mode, Simplex, 3.0mm Core Diameter, SC-APC to SC-APC, 50 Meter	\$20.64
FT-SMJ-SX-SC-APC-100	Single-Mode, Simplex, 3.0mm Core Diameter, SC-APC to SC-APC, 100 Meter	\$34.64
FT-SMJ-SX-SC-APC-200	Single-Mode, Simplex, 3.0mm Core Diameter, SC-APC to SC-APC, 200 Meter	\$62.64

Single-Mode, Duplex, SC-APC Connections

Models	Description	Price
FT-SMJ-DX-SC-APC-50M	Single-Mode, Duplex, 3.0mm Core Diameter, SC-APC to SC-APC, 50 Meter	\$41.28
FT-SMJ-DX-SC-APC-100	Single-Mode, Duplex, 3.0mm Core Diameter, SC-APC to SC-APC, 100 Meter	\$69.28
FT-SMJ-DX-SC-APC-200	Single-Mode, Duplex, 3.0mm Core Diameter, SC-APC to SC-APC, 200 Meter	\$125.28

Single-Mode, Simplex, SC-UPC Connections

Models	Description	Price
FT-SMJ-SX-SC-UPC-50M	Single-Mode, Simplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 50 Meter	\$20.64
FT-SMJ-SX-SC-UPC-100	Single-Mode, Simplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 100 Meter	\$34.64
FT-SMJ-SX-SC-UPC-200	Single-Mode, Simplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 200 Meter	\$62.64

Single-Mode, Duplex, SC-UPC Connections

Models	Description	Price
FT-SMJ-DX-SC-UPC-50M	Single-Mode, Duplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 50 Meter	\$41.28
FT-SMJ-DX-SC-UPC-100	Single-Mode, Duplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 100 Meter	\$69.28
FT-SMJ-DX-SC-UPC-200	Single-Mode, Duplex, 3.0mm Core Diameter, SC-UPC to SC-UPC, 200 Meter	\$125.28

Single-Mode, Duplex, LC-UPC Connections

Models	Description	Price
FT-SMJ-DX-LC-UPC-30M	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 30 Meter	\$22.95
FT-SMJ-DX-LC-UPC-100	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 100 Meter	\$69.20
FT-SMJ-DX-LC-UPC-200	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 200 Meter	\$125.20
FT-SMJ-DX-LC-UPC-300	Single-Mode, Duplex, 3.0mm Core Diameter, LC-UPC to LC-UPC, 300 Meter	\$181.20

Single-Mode, Duplex, ST-UPC Connections

Models	Description	Price
FT-SMJ-DX-ST-UPC-100	Single-Mode, Duplex, 3.0mm Core Diameter, ST-UPC to ST-UPC, 100 Meter	\$37.58

Multi-Mode, Simplex, SC-UPC Connections

Models	Description	Price
FT-MMJ6-SX-SC-UPC-50M	Multi-Mode, Simplex, 62.5-125 Micron, 3.0mm Core Diameter, 50 Meter	\$15.27

Multi-Mode, Duplex, SC-UPC Connections

Models	Description	Price
FT-MMJ6-DX-SC-UPC-50M	Multi-Mode, Duplex, 62.5-125 Micron, 3.0mm Core Diameter, 50 Meter	\$28.34
FT-MMJ6-DX-SCUPC-100M	Multi-Mode, Duplex, 62.5-125 Micron, 3.0mm Core Diameter, 100 Meter	\$50.34

**Specialty Fiber Jumpers Made to Meet Your Individual Specifications Also Available.
Contact One of Our Sales Engineers For More Information.**

Fiber Optic Adapters



FT-FC-APC



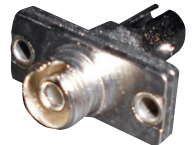
FT-SC-APC



FT-ST



FT-FC-PC-SC-PC



FT-FC-PC-ST-PC



FT-FC-UPC-LC-UPC



FT-SC-PC-ST-PC



FT-LC-UPC-LC-UPC



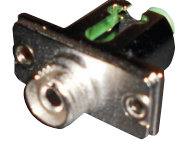
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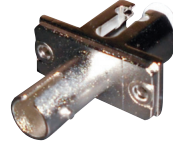
FT-FC-PC



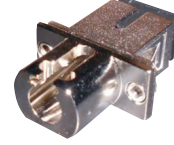
FT-SC-PC



FT-FC-APC-LC-APC



FT-ST-UPC-LC-UPC



FT-SC-UPC-LC-UPC



FT-SC-APC-LC-APC

Fiber Optic Adapters

Models	Description	Price
FT-FC-PC	Fiber optic adapter, FC-UPC Female to FC-UPC Female	\$1.50
FT-FC-APC	Fiber optic adapter, FC-APC Female to FC-APC Female	\$1.50
FT-SC-PC	Fiber optic adapter, SC-UPC Female to SC-UPC Female	\$1.50
FT-SC-APC	Fiber optic adapter, SC-APC Female to SC-APC Female	\$1.50
FT-ST	Fiber optic adapter, ST-UPC Female to ST-UPC Female	\$1.50
FT-FC-PC-SC-PC	Fiber optic adapter, FC-UPC Female to SC-UPC Female	\$3.75
FT-FC-PC-ST-PC	Fiber optic adapter, FC-UPC Female to ST-UPC Female	\$3.75
FT-SC-PC-ST-PC	Fiber optic adapter, SC-UPC Female to ST-UPC Female	\$3.75

Fiber Optic Adapters

Models	Description	Price
FT-FC-UPC-LC-UPC	Fiber optic adapter, FC-UPC Female to LC-UPC Female	\$32.50
FT-FC-APC-LC-APC	Fiber optic adapter, FC-APC Female to LC-APC Female	\$32.50
FT-SC-UPC-LC-UPC	Fiber optic adapter, SC-UPC Female to LC-UPC Female	\$32.50
FT-SC-APC-LC-APC	Fiber optic adapter, SC-APC Female to LC-APC Female	\$32.50
FT-ST-UPC-LC-UPC	Fiber optic adapter, ST-UPC Female to LC-UPC Female	\$32.50
FT-LC-UPC-LC-UPC	Fiber optic adapter, LC-UPC Female to LC-UPC Female	\$3.50
FT-LC-APC-LC-APC	Fiber optic adapter, LC-APC Female to LC-APC Female	\$3.50

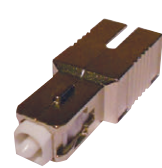
Fiber Optic Attenuators



FT-FOATT-SC-*



FT-FOATT-MF-SC-*



FT-FOATT-MF-SC-APC-*

SC-UPC Female to SC-UPC Female Fiber Optic Attenuators

Models	dB	Price
FT-FOATT-SC-1	1	\$12.25
FT-FOATT-SC-2	2	\$4.25
FT-FOATT-SC-3	3	\$4.25
FT-FOATT-SC-4	4	\$4.25
FT-FOATT-SC-5	5	\$4.25
FT-FOATT-SC-10	10	\$4.25
FT-FOVATT-SC	Variable	\$37.50

SC-UPC Female to SC-UPC Male Fiber Optic Attenuators

Models	dB	Price
FT-FOATT-MF-SC-1	1	\$12.50
FT-FOATT-MF-SC-3	3	\$12.50
FT-FOATT-MF-SC-5	5	\$12.50
FT-FOATT-MF-SC-10	10	\$12.50

SC-APC Female to SC-APC Male Fiber Optic Attenuators

Models	dB	Price
FT-FOATT-MF-SC-APC-1	1	\$13.75
FT-FOATT-MF-SC-APC-3	3	\$13.75
FT-FOATT-MF-SC-APC-5	5	\$13.75
FT-FOATT-MF-SC-APC-10	10	\$13.75

While we attempt to hold pricing we can not control if our vendors increase pricing.
Images shown may be different from actual product.

Handheld Optical Power Meters

- Power measurement can be displayed in dBm or mw
- Insertion loss displayed in dB
- User self calibration function
- Low power consumption, 240 hours of continuous operation time using 3 - 1.5V alkaline batteries

-70 to +3 dBm Measurement range, includes FC/UPC, ST/UPC, SCUPC connector adapters
Model No. FT-OPT-3A-AK ..\$389.00



A



B

Positioning tool for ST Style Fiber Optic Quick Connectors

A. Model No. FT-QCTOOL-ST\$3.90

Positioning tool for LC Style Fiber Optic Quick Connectors

B. Model No. FT-QCTOOL-LC\$3.90



Fiber Optic Cable Stripping Tool Side Fiber Cable Ripper

Model No. FT-FCR-1\$129.00



Fiber Optic Cable Pulling Eye

Model No. FT-PEK-1..... \$25.00

NACE offers Custom Connectorized Fiber Optic Cable

**Call one of trained Sales Engineers
 for more information
 800-688-9282**



HDMI Fiber Optic Cables

New cutting-edge HDMI long distance cables, with built-in Fiber Optic transceivers, can transmit 4K HD video signals up to 492 feet. They connect easily to TV's, projectors, home theater receivers, gaming consoles and more, all while delivering reliable high resolution video for the ultimate visual user experience.

DataTronix HDMI FOC cables surpass the distance limitations of traditional copper HDMI cables by using light (lasers) over fibers, delivering quality images without the degradation found in typical all copper HDMI long cables.

They provide reliability and solutions to challenges integrators have struggled with when needing to send HDMI signals long distances. They are Plug n' Play and ready to be used anywhere. No separate power required as they use the devices standard to HDMI power sources.

HDMI 2.0 Fiber Optical Cable (FOC), 32' (10 Meters), 4K
Model No. DT-HDVC-FOC32 \$69.00

HDMI 2.0 Fiber Optical Cable (FOC), 98' (30 Meters), 4K
Model No. DT-HDVC-FOC98 \$99.00

HDMI 2.0 Fiber Optical Cable (FOC), 164' (50 Meters), 4K
Model No. DT-HDVC-FOC164\$129.00

HDMI 2.0 Fiber Optical Cable (FOC), 328' (100 Meters), 4K
Model No. DT-HDVC-FOC328\$199.00

HDMI 2.0 Fiber Optical Cable (FOC), 492' (150 Meters), 4K
Model No. DT-HDVC-FOC492 \$249.00

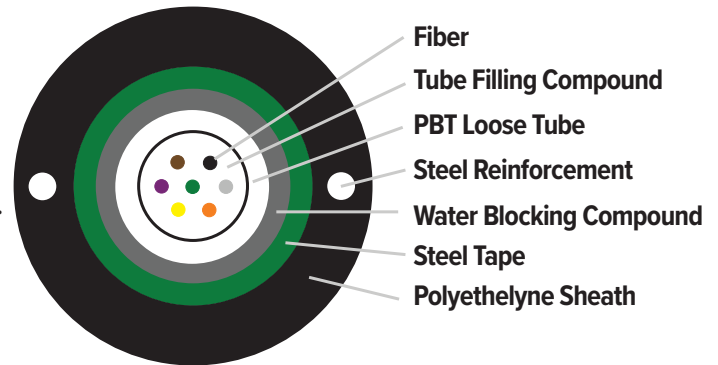


2, 4 & 6 Core Outdoor Fiber Optic Cables

Single-Mode, Unitube, Loose Tube, Light Armored Fiber Optic Cables

Features

- Loose tube positioned in the center of the cable to protect strands and improve bend radius.
- Small diameter, light weight.
- Hydrolysis resistant, high strength loose tube.
- Special tube filling compound ensures protection of fiber strands.
- PSP and PE Sheath enhances cable crush resistance, impact resistance and moisture proofing.
- Two parallel steel wires increase tensile strength.
- Footage marked jacket.
- 2,000 Meter full spools or custom lengths available.



2, 4 & 6 Core Outdoor Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-2ULT-2000	2 Core, SingleMode, unitube, loose tube, light armored	\$1,058.00
FT-SM-4ULT-2000	4 Core, SingleMode, unitube, loose tube, light armored	\$1,126.80
FT-SM-6ULT-2000	6 Core, SingleMode, unitube, loose tube, light armored	\$1,376.00

2, 4 & 6 Core Outdoor Fiber Optic Cables - Per Meter

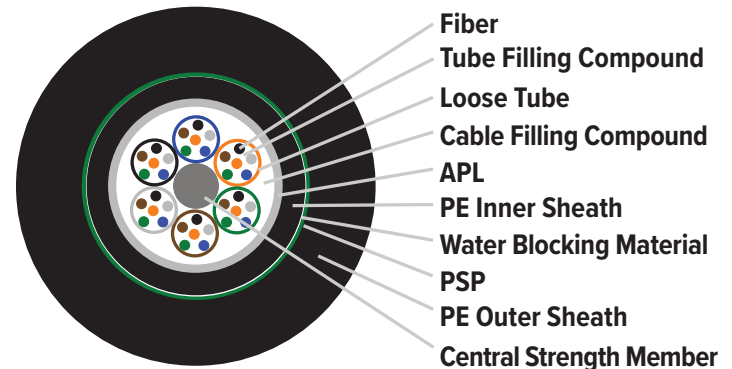
Models	Description	Price
FT-SM-2ULT-1	2 Core, SingleMode, unitube, loose tube, light armored	\$.53/meter*
FT-SM-4ULT-1	4 Core, SingleMode, unitube, loose tube, light armored	\$.57/meter*
FT-SM-6ULT-1	6 Core, SingleMode, unitube, loose tube, light armored	\$.69/meter*

*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

4 & 6 Core Single-Mode, Stranded, Loose Tube, Armored, Burial Fiber Optic Cables

Features

- Steel central wire provides high tensile strength
- Hydrolysis resistant, high strength loose tube.
- Special tube filling compound ensures protection of fiber strands.
- Aluminum Polyethylene Laminate (APL) and double PE sheath enhances cable crush resistance, impact resistance and moisture proofing.
- Footage marked jacket.
- 2,000 Meter full spools or custom lengths available.



The Fibertronix line of Single-Mode, stranded, loose tube, armored, direct burial fiber optic cables feature a central steel wire which provides a high tensile strength while protecting the individual fiber optic cables from breaking during installation. The individual fiber tubes are stranded around the central steel wire into a compact and circular cable core. Aluminum Polyethylene Laminate (APL) is applied around the cable cores and is filled with a compound to protect the individual cables from water ingress. The cable core is then covered with a thin polyethylene inner sheath which is then has a PSP (Plastic -Steel - Plastic) protective layer longitudinally applied. The cables are then finished with a thicker Polyethylene outer jacket.

4 & 6 Core Single-Mode, Stranded, Loose Tube, Armored, Burial Fiber Optic Cables- 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-4SLTAB-2000	4 Core, Single-Mode, stranded loose tube, armored, burial	\$2,062.80
FT-SM-6SLTAB-2000	6 Core, Single-Mode, stranded loose tube, armored, burial	\$2,199.60

4 & 6 Core Single-Mode, Stranded, Loose Tube, Armored, Burial Fiber Optic Cables - Per Meter

Models	Description	Price
FT-SM-4SLTAB-1	4 Core, Single-Mode, stranded loose tube, armored, burial	\$1.04/meter*
FT-SM-6SLTAB-1	6 Core, Single-Mode, stranded loose tube, armored, burial	\$1.10/meter*

*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

Single-Mode Indoor Bundled Fiber Optic Cables

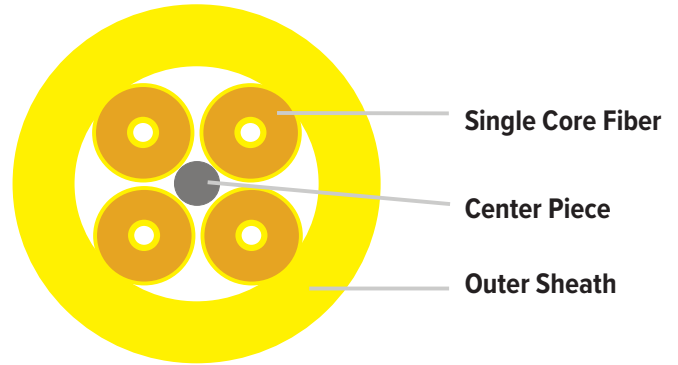
Features

- Typically used for inside wiring.
- Small diameter, light weight.
- Center strengthening member.
- 2,000 Meter full spools or custom lengths available.

Single-Mode Indoor Bundled Fiber Optic Cables

Models	Description	Price
FT-SM-4CWC-2000	Four Core, Single-mode, 3.0mm, normal yarn	\$2,998.00/2000 Meter Roll
FT-SM-4CWC-1		\$1.50/meter*

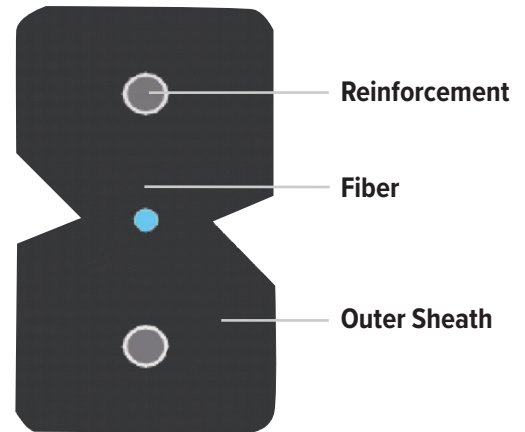
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.



Single-Mode Indoor Strengthened Fiber Optic Cables

Features

- FRP Strength member increases crush resistance
- Typically used for inside wiring
- Specifically designed for FTTH (Fiber To The Home) applications
- Small diameter, light weight.
- Suitable for indoor conduit and careful non conduit pulls
- Designed with tight buffer material for use with most standard connectors.
- 2,000 Meter full spools or custom lengths available.



Single-Mode Indoor Butterfly Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SMSB-LSZHM-1-2000	Simplex Core, Single-Mode	\$338.40
FT-SMDB-LSZHM-1-2000	Duplex Core, Single-Mode	\$421.20

Single-Mode Indoor Butterfly Fiber Optic Cables - Per Meter

Models	Description	Price
FT-SMSB-LSZHM-1-1	Simplex Core, Single-Mode	\$.17/meter*
FT-SMDB-LSZHM-1-1	Duplex Core, Single-Mode	\$.22/meter*

*Cut fee and spooling charges not included, call for pricing on custom cut lengths.



NACE Offers Custom Connectorized Fiber Optic Cable

- Custom fiber optic cables cut to length for your specific job
- Professionally spooled
- Single-Mode or Multi-Mode
- Single strand or Multiple strands
- Many different jacket types available
- With or without connectors of choice
- Tested before shipping
- Quick turn around time

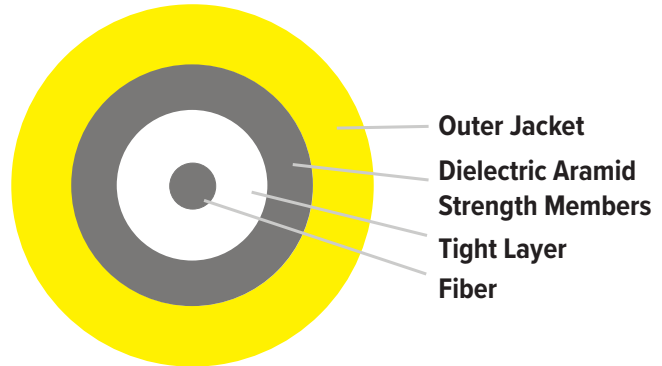
For more information
Call 800-688-9282

Single Strand Indoor Fiber Optic Cables

Single-Mode, Simplex Core, 3.0mm, Fiber Optic Cables

Features

- Typically used for inside wiring or patch cords
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or kevlar yarn
- 2,000 Meter full spools or custom lengths available.



Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-1-2000	Simplex Core, SingleMode, 3.0mm, normal yarn	\$151.20
FT-SM-1-K-2000	Simplex Core, SingleMode, 3.0mm, kevlar yarn	\$262.80
FT-SMSB-LSZHM-1-2000	Simplex Core, SingleMode, 3.0mm, normal yarn	\$338.40

Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

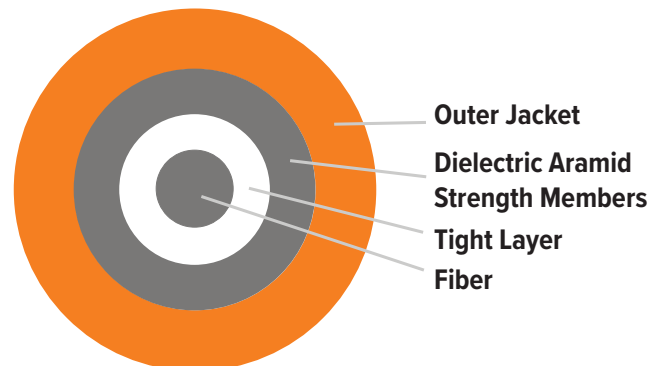
Models	Description	Price
FT-SM-1-1	Simplex Core, Single-Mode, 3.0mm, normal yarn	\$.076/meter*
FT-SM-1-K-1	Simplex Core, SingleMode, 3.0mm, kevlar yarn	\$.14/meter*

*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

Multi-Mode, Simplex Core, 3.0mm, Fiber Optic Cables

Features

- Typically used for inside wiring or patch cords
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or kevlar yarn
- Available in 50/125 or 62.5/125 Micron versions
- 2,000 Meter full spools or custom lengths available.



Multi-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables- 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-MM50-1-2000	Simplex Core, MultiMode, 3.0mm, 50/125 micron, normal yarn	\$280.80
FT-MM50-1-K-2000	Simplex Core, MultiMode, 3.0mm, 50/125 micron, kevlar yarn	\$388.80
FT-MM62.50-1-K-2000	Simplex Core, Multi-Mode, 3.0mm, 62.5/125 micron, kevlar yarn	\$388.80

Multi-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

Models	Description	Price
FT-MM50-1-1	Simplex Core, MultiMode, 3.0mm, 50/125 micron, normal yarn	\$.15/meter*
FT-MM62.50-1-1	Simplex Core, Multi-Mode, 3.0mm, 62.5/125 micron, normal yarn	\$.15/meter*
FT-MM50-1-K-1	Simplex Core, MultiMode, 3.0mm, 50/125 micron, kevlar yarn	\$.20/meter*
FT-MM62.50-1-K-1	Simplex Core, Multi-Mode, 3.0mm, 62.5/125 micron, kevlar yarn	\$.20/meter*

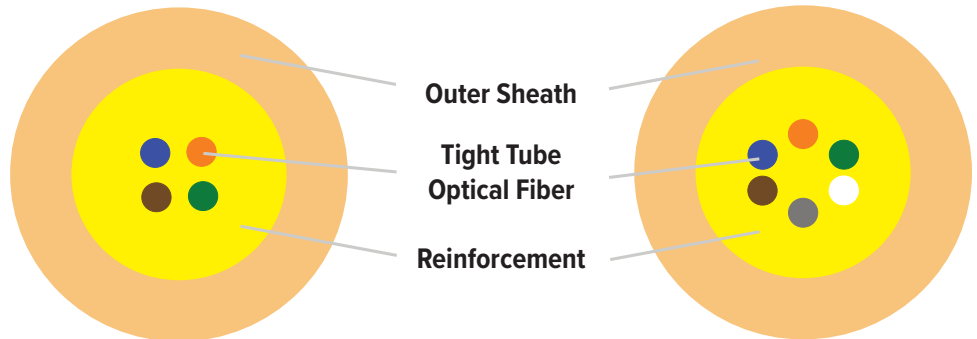
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

4 & 6 Core Single-Mode Indoor Bundled Fiber Optic Cables

Single-Mode, Multiple Core, 3.0mm, Fiber Optic Cables

Features

- Typically used for inside wiring
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or kevlar yarn
- 2,000 Meter full spools or custom lengths available.



Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-4CB-2000	Four Core, Single-Mode, 3.0mm, normal yarn	\$1,036.80
FT-SM-6CB-2000	Six Core, Single-Mode, 3.0mm, normal yarn	\$1,198.00
FT-SM-4CB-K-2000	Four Core, Single-Mode, 3.0mm, kevlar yarn	\$1,512.00
FT-SM-6CB-K-2000	Six Core, Single-Mode, 3.0mm, kevlar yarn	\$1,800.00

Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

Models	Description	Price
FT-SM-4CB-1	Four Core, Single-Mode, 3.0mm, normal yarn	\$.52/meter*
FT-SM-6CB-1	Six Core, Single-Mode, 3.0mm, normal yarn	\$.60/meter*
FT-SM-4CB-K-1	Four Core, Single-Mode, 3.0mm, kevlar yarn	\$.76/meter*
FT-SM-6CB-K-1	Six Core, Single-Mode, 3.0mm, kevlar yarn	\$.90/meter*

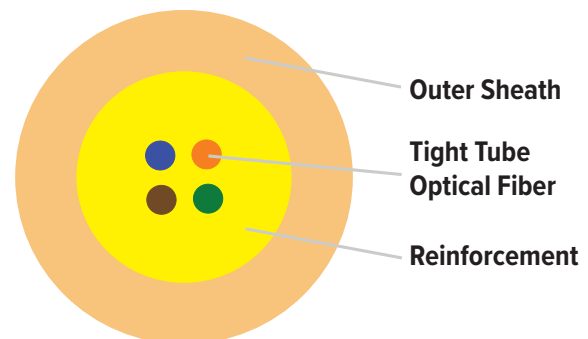
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

4 Core Multi-Mode Indoor Bundled Fiber Optic Cables

Multi-Mode, Multiple Core, Fiber Optic Cables

Features

- Typically used for inside wiring
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with normal or kevlar yarn
- 2,000 Meter full spools or custom lengths available.



Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-MM50-4CB-2000	Four Core, Multi-Mode, 50/125, normal yarn	\$1,638.00
FT-MM50-4CB-K-2000	Four Core, Multi-Mode, 50/125, kevlar yarn	\$2,106.00
FT-MM62.5-4CB-2000	Four Core, Multi-Mode, 62.5/125, normal yarn	\$1,638.00
FT-MM62.5-4CB-K-2000	Four Core, Multi-Mode, 62.5/125, kevlar yarn	\$2,106.00

Single-Mode, Simplex Core, 3.0mm,
Fiber Optic Cables - Per Meter

Models	Description	Price
FT-MM50-4CB-1	Four Core, Multi-Mode, 50/125, normal yarn	\$.82/meter*
FT-MM50-4CB-K-1	Four Core, Multi-Mode, 50/125, kevlar yarn	\$1.60/meter*
FT-MM62.5-4CB-1	Four Core, Multi-Mode, 62.5/125, normal yarn	\$.82/meter*
FT-MM62.5-4CB-K-1	Four Core, Multi-Mode, 62.5/125, kevlar yarn	\$1.06/meter*

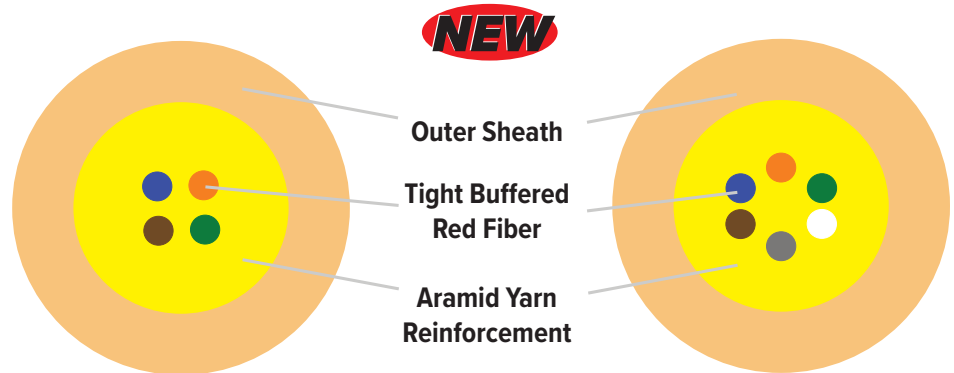
*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

4 Core Single-Mode Indoor Bundled Fiber Optic Cables

Single-Mode, Multiple Core, Fiber Optic Cables

Features

- Typically used for inside wiring, especially used as distribution cable
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- High strength aramid yarn, ensures tension-resistance and long term stability in transmission.
- Available in lengths of 1000 ft, 2000 ft or 2000 meters



Single-Mode, Multiple Core, Fiber Optic Cables - 2000 Meters

Models	Description	2000 Feet Price
FT-SM-4CB-2000M	Four Core, Single-Mode, 4.8mm, aramid yarn	\$899.00
FT-SM-6CB-2000M	Six Core, Single-Mode, 5.0, aramid yarn	\$999.00

Single-Mode, Multiple Core, Fiber Optic Cables - 2000 Feet

Models	Description	2000 Feet Price
FT-SM-4CB-2000ft	Four Core, Single-Mode, 4.8mm, aramid yarn	\$259.00
FT-SM-6CB-2000ft	Six Core, Single-Mode, 5.0, aramid yarn	\$299.00

Single-Mode, Multiple Core, Fiber Optic Cables - 1000 Feet

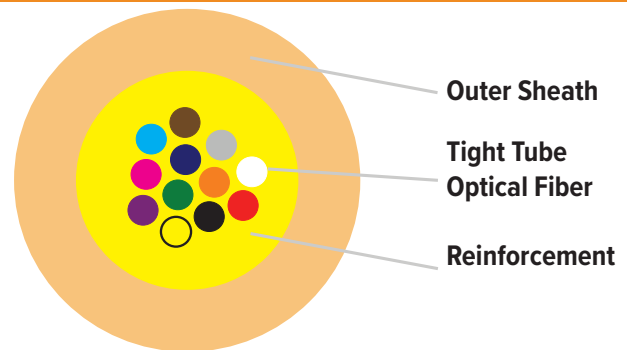
Models	Description	1000 Feet Price
FT-SM-4CB-1000ft	Four Core, Single-Mode, 4.8mm, aramid yarn	\$169.00
FT-SM-6CB-1000ft	Six Core, Single-Mode, 5.0, aramid yarn	\$189.00

12 Core Single-Mode Indoor Bundled Fiber Optic Cables

Single-Mode, Multiple Core, 3.0mm, Fiber Optic Cables

Features

- Typically used for inside wiring
- Small diameter, light weight.
- Designed with tight buffer material for use with most standard connectors.
- Available with standard PVC or light armored jacket
- 500, 1,000 or 2,000 Meter spools or custom lengths available.



Single-Mode, Simplex Core, 3.0mm, Fiber Optic Cables - 2000 Meter Rolls

Models	Description	2000 Meter Roll Price
FT-SM-12CB-K-2000	Twelve Core Bundled, Single-Mode, 3.0mm, Kevlar Yarn	\$2,397.60
FT-SM-12SLTLAB-2000	Twelve Core Stranded Loose Tube, Single-Mode, Light Armored	\$1,706.40

Single-Mode, Simplex Core, 3.0mm, Fiber Optic Cables - 500 Meter Rolls

Models	Description	500 Meter Roll Price
FT-SM-12CB-K-500	Twelve Core Bundled, Single-Mode, 3.0mm, Kevlar Yarn	\$599.40
FT-SM-12SLTLAB-500	Twelve Core Stranded Loose Tube, Single-Mode, Light Armored	\$426.60

Single-Mode, Simplex Core, 3.0mm, Fiber Optic Cables - 1000 Meter Rolls

Models	Description	1000 Meter Roll Price
FT-SM-12CB-K-1000	Twelve Core Bundled, Single-Mode, 3.0mm, Kevlar Yarn	\$1,198.80
FT-SM-12SLTLAB-1000	Twelve Core Stranded Loose Tube, Single-Mode, Light Armored	\$853.20

Single-Mode, Simplex Core, 3.0mm, Fiber Optic Cables - Per Meter

Models	Description	Price
FT-SM-12CB-K-1	Twelve Core Bundled, Single-Mode, 3.0mm, Kevlar Yarn	\$1.20/meter
FT-SM-12SLTLAB-1	Twelve Core Stranded Loose Tube, Single-Mode, Light Armored	\$.86/meter

*Cut fee and spooling charges not included, call for pricing on custom cut lengths.

Item No.	Description	Price
100020C	Data Connector, Shielded CAT5E/6 with Internal Ground, EZ-RJ45 Modular RJ45 Plug, 8 Pin / 8 Position, Bag of 50	\$71.39
10517C	Scissor Run Electricians Scissors, 5", Cuts Foil, Kevlar, And Wire	\$18.59
10540C	Cable Cutter Tool, BTC-20, Cuts Stranded or Solid Wire Up To 2/0	\$26.89
106192C	Data Connector, CAT6A RJ45 Shielded Modular Plug, 10 Gbps, 8 Pin / 8 Position, with Liner, Solid Three Prong, Bag of 50	\$63.69
107-1032BK-R11	Coaxial RG11 Cable, Swept To 3,000 MHz, Copper-Clad Steel Center Conductor, Dual Shield, 60% Aluminum Braiding, Black Jacket, 1,000' Reel	\$187.90
107-1234-DB-6S	Coaxial RG6 Direct Burial Cable, Swept To 3,000 MHz, Copper-Clad Steel Center Conductor, Dual Shield, 60% Aluminum Braiding, Black, 1,000' Reel	\$119.00
107-2311-BK-RB	Coaxial RG6 Cable, Swept To 3,000 MHz, Bare Copper Center Conductor, Dual Shield, 60% Aluminum Braiding, Black 1,000' Reel-In-Box	\$139.90
10A3-042HF	Audio Interconnect Cable, Y Adapter, Single 3.5 mm Stereo Male / Plug to Dual RCA Stereo Female Jack, Black	\$0.99
10HM-C28V4-03FT	HDMI Audio Video Interconnect Cable, 3' Length, 28 AWG, Male to Male Ends, Non-Flexible Male Connectors, Black	\$3.95
10HM-C28V4-06FT	HDMI Audio Video Interconnect Cable, 6' Length, 28 AWG, Male to Male Ends, Non-Flexible Male Connectors, Black	\$5.19
10HM-C28V4-15FT	HDMI Audio Video Interconnect Cable, 15' Length, 28 AWG, Male to Male Ends, Non-Flexible Male Connectors, Black	\$7.50
10X6-6A403-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 3', Blue	\$2.45
10X6-6A405-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 5', Blue	\$2.95
10X6-6A407-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 7' Blue	\$3.39
10X6-6A410-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 10', Blue	\$4.19
10X6-6A425-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 25' Blue	\$8.49
10X6-6A450-S	CAT6A Network Interconnect Cable, Booted RJ45 Ends, Overall Shielded STP, 10 Gbps Rated, 24 AWG, 8 Stranded Unshielded Conductors, 50', Blue	\$15.39
110101	Coaxial Dual RG6 Cable, Swept To 3,000 MHz, Bare Copper Center Conductor, Dual Shield, 60% Aluminum Braiding, Black 500' Reel	\$2.00
11X5-A2405	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Blue	\$0.89
11X5-A2407	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Blue	\$1.49
11X6-22101	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 1' Length, Gray	\$1.05
11X6-22103	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Gray	\$1.19
11X6-22201	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 1' Length, Black	\$1.05
11X6-22203	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Black	\$1.19
11X6-22205	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Black	\$1.49
11X6-22207	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Black	\$1.80
11X6-22305	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Green	\$1.49
11X6-22401	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors 1' Length, Blue	\$0.99
11X6-22403	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Blue	\$1.19
11X6-22405	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Blue	\$1.49
11X6-22407	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Blue	\$1.89
11X6-22501	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 1' Length, Red	\$1.05
11X6-22503	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Red	\$1.19
11X6-22505	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, Red	\$1.49
11X6-22507	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Red	\$1.80
11X6-22603	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, Yellow	\$1.25
11X6-22607	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Yellow	\$1.80
11X6-22803	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3' Length, White	\$1.19
11X6-22805	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5' Length, White	\$1.95
11X6-22807	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, White	\$1.89
12503C	Network Cable Modular Plug Crimping Tool, All in One Modular Plug Crimp Tool for RJ45/RJ11/RJ12/RJ22 Handset	\$31.59
130011	Non-Penetrating Roof Mount, For Compatible 2" Outer Dia. DBS, Antenna Models, Flat Surface Mode	\$119.00
13307C	Network Cable Punch Down Tool, CAT3/5E/CAT6 Compatible, Includes Never Dull 110 And 66 Blades	\$39.99
160001	Ventilation Fan, 4.5" Dia, 95 CFM, Requires Separate Fan Housing For Mounting, Black Finish	\$30.00
1829AC-RL-WT	Coaxial RG6 Cable, Swept To 3,000 MHz, Bare Copper Center Conductor, Dual Shield, 60% Aluminum Braiding, White 1,000' Reel	\$0.22/ft
200-279	Coaxial Cabling Dual Input Grounding Block, 3 GHz Rated, Dual Ground Lugs	\$0.99
24LJ4540 (B)	Television, LED, 23.6" Diagonal Rating, High Definition Up To 720p , Non-Pro: idiom, HDMI Input	\$185.00
253-306BK	VGA / SVGA Video Interconnect Cable, 6' Length, Dual Male Connections, 15 Pin, Black	\$5.29
254-0060R	Digital Audio Interconnect Cable, Coaxial Type S/PDIF RCA Male Connections, 6' Length, Orange	\$3.79
254-0120R	Digital Audio Interconnect Cable, Coaxial Type S/PDIF RCA Male Connections, 12' Length, Orange	\$4.99
254-050BK	Audio Interconnect Cable, Y Adapter, Single 3.5 Mm Stereo Male / Plug To Dual RCA Stereo Male Plug, 12' Length, Black	\$3.69
254-315BL	Composite Audio Video Interconnect Cable, RCA Male Connections R/Y/W, 6' Length, Blue	\$4.79
254-500IV	Component Video Interconnect Cable, RCA Connections with R/G/B Color Band Identifiers, 100' Length, Ivory	\$74.99
254-506IV	Component Video Interconnect Cable, RCA Connections with R/G/B Color Band Identifiers, 6' Length, Ivory	\$5.49
254-600IV	Component Video Interconnect Cable Plus L/R Audio, RCA Connections with R/G/B/R/W Color Band Identifiers, 100' Length, Ivory	\$94.99
254-603IV	Component Video Interconnect Cable Plus L/R Audio, RCA Connections with R/G/B/R/W Color Band Identifiers, 3' Length, Ivory	\$5.99
254-606IV	Component Video Interconnect Cable Plus L/R Audio, RCA Connections with R/G/B/R/W Color Band Identifiers, 6' Length, Ivory	\$8.89
254-612IV	Component Video Interconnect Cable Plus L/R Audio, RCA Connections with R/G/B/R/W Color Band Identifiers, 12' Length, Ivory	\$12.99
255-038	Audio Interconnect Cable, Y Adapter, Single 3.5 mm Stereo Male / Plug to Dual RCA Stereo Female Jack, 6" Length, Black	\$0.99
255-155, 255-160	Audio Extension Cable, Monaural, Dual 3.5 mm Male / Plug Ends, Black, 2' or 6' Length	\$0.04
255-255, 255-262	Audio Extension Cable, Stereo, Dual 3.5 mm Male / Plug Ends, Black. 2' or 12' Length	\$2.45

All Sales Are Final. Call now! Quantities are limited to stock on hand. Offer valid while supplies last.

Item No.	Description	Price
255-268	Audio Extension Cable, Stereo 3.5 mm Male / Plug To Stereo 3.5 mm Female / Jack, 12' Length, Black	\$1.79
260-003BL	Digital Audio Interconnect Cable, TOSLINK Audio Fiber Cable, 3' Length, Blue	\$3.00
260-012BL	Digital Audio Interconnect Cable, TOSLINK Audio Fiber Cable, 12' Length, Blue	\$6.59
260019	Player, Digital Media, DV4	\$89.99
308-501BL	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 1' Length, Blue	\$1.09
308-507GY	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, Gray	\$2.25
308-507WH	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7' Length, White	\$2.25
308-525YL	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 25' Length, Yellow	\$5.99
506-453	USB 2.0 Cable, 3' Length, Gray	\$1.49
50623	HDMI Audio Video Cable, High Speed Rated / 4k Compatible 30 Hz, 10' 30 AWG, Male to Male Ends, Rotating Male Connectors For Flush Mount, Black	\$17.99
517-306BK	HDMI Audio Video Cable, 6' Length, Male to Male Ends, Non-Flexible Male Connectors, Black	\$5.19
525025200A	Power Cable Replacement, For Clearview NTSC-16	\$17.00
5439	USB 2.0 Cable, 10' Length, Black	\$9.95
625TRB	CATV Trunk Coaxial Cable Adapter, KS Housing Termination Adapter	\$6.19
7916A	Coaxial RG6 Quad-Shield Cable, Swept To 3,000 MHz, Bare Copper Center Conductor, Black, 1,000' Reel-In-Box	\$0.25
941	Video Interconnect Cable, Single RCA Male Plug Connections Y, 12' Length, Black	\$1.39
AC1602R	Multiconductor Cable, Audio Wire, 16 AWG/ 2 Conductor, Non-Shielded, Non-Plenum, White, 500' Pull Box	\$102.95
AF-59T1G	CATV Audio Video Adapter, F Type Terminator Cap, Non-DC Passing Model, 3,000 MHz Rated, Bag of 100	\$22.00
AF-81CB	CATV Audio Video Adapter, F Type Threaded Dual Female Splice, 3,000 MHz Rated, Bag of 100	\$36.00
BAVM860SAW-**	Modulator, Fixed Channel, Standard Definition, Commercial Grade, Rack Mount Series CATV Channel From 2 To 79	\$138.00
BT-QAM-PRO	CATV QAM / 8VSB / Analog Television Analyzer, Test and Measurement Device, Measures Digital, and Analog Signals 5-1,000 MHz, Hand-Held	\$595.00
C5E-BK-07-O	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7', Black	\$1.79
C5E-BL-05-O	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5', Blue	\$1.45
C5E-GN-07-O	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7', Green	\$1.79
C5E-LG-07-O	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7', Gray	\$1.79
C5E-PI-02-O	CAT5E Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 2', Pink	\$1.79
C6-BK-01-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 1', Black	\$1.09
C6-BK-03-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3', Black	\$1.55
C6-BK-05-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5', Black	\$1.95
C6-BK-10-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 10', Black	\$3.19
C6-BL-05-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 5', Blue	\$1.95
C6-GN-03-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3', Green	\$1.55
C6-PU-03-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3', Purple	\$1.55
C6-WH-07-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 7', White	\$2.55
C6-YL-03-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 3', Yellow	\$1.55
C6-YW-10-O	CAT6 Network Interconnect Cable, Non-Booted RJ45 Ends, 24 AWG, 8 Stranded Unshielded Conductors, 10', Yellow	\$3.19
C61K	DIRECTV Client Genie Unit, 4k Compatibility	\$80.00
CAT5E-BLACK	CAT5E 4PR/8C Network Cable, Black Jacket, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$112.90
CAT5E-BLUE	CAT5E 4PR/8C Network Cable, Blue Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$112.90
CAT5E-GRAY	CAT5E 4PR/8C Network Cable, Gray Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$112.90
CAT5E-GREEN	CAT5E 4PR/8C Network Cable, Green Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$1,000.00
CAT5E-WHITE	CAT5E 4PR/8C Network Cable, White Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$112.90
CAT5E-YELLOW	CAT5E 4PR/8C Network Cable, Yellow Jacket Color, Riser Rated CMR, 24 AWG, 350 MHz, 1,000' Pull Box, Non-Plenum	\$112.90
CAT6-B	CAT6 4PR/8C Network Cable, Blue Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$169.90
CAT6-BLK	CAT6 4PR/8C Network Cable, Black Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$169.90
CAT6-GREEN	CAT6 4PR/8C Network Cable, Green Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$169.90
CAT6-GY	CAT6 4PR/8C Network Cable, Gray Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$169.90
CAT6-OR	CAT6 4PR/8C Network Cable, Orange Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$169.90
CAT6-WHT	CAT6 4PR/8C Network Cable, White Jacket, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$169.90
CAT6-YELLOW	CAT6 4PR/8C Network Cable, Yellow Jack, Riser Rated CMR, 23 AWG, 550 MHz, 1,000' Pull Box, Non-Plenum	\$169.90
CC-7B	Coaxial Cable RG59/RG6 Flexible Plastic Mounting Clip, For Single Coaxial Cable, Black Plastic Housing Color, Masonry Nail Fastener, Bag of 100	\$2.00
CC-7WH	Coaxial Cable RG59/RG6 Flexible Plastic Mounting Clip, For Single Coaxial Cable, White Plastic Housing Color, Masonry Nail Fastener, Bag of 100	\$0.05
CPLCCT-559-11	Coaxial Cable Compression Crimping Tool, For RG59/6/7/11 Compatible Compression Connectors	\$116.79
CPLCRBC-BR	Coaxial Cable Radial Crimping Tool, For RG59/6 Compatible Radial and Double Bubble Multimedia Connectors	\$115.29
CT-8PK-STRAIGHT BAR	Custom Rack Mount Shelf Retention Bar, Prevents Tip and Component Spill Out, 19" W, Black Finish	\$4.00
CT-AMM	Modulator, Agile Channel Selection CATV 2-125, Standard Definition, Commercial Grade	\$209.99
CT-EDID-1	HDMI EDID Emulator, Single HDMI Input / Output	\$79.99
CT-F11-1P	Coaxial Cable F Connector, RG11 One-Piece Hex Crimp Type, Dual Shield Compatible, Non-Plenum Rated, Bag of 10	\$0.75
CT-FMM-**	Modulator, Fixed Channel, Standard Definition, Commercial Grade, CATV Channels 2-125	\$105.99
CT-HDVD-4X14K-SW	HDMI / VGA Switching Device, Allows Up To 3 HDMI and 1 VGA Source Device Inputs, Single HDMI Output For Connection To Compatible Display	\$99.99
CT-KEY-3.5MM	Keystone Modular Wall plate Insert, 3.5 mm Audio Video Insert, White Housing	\$2.09
CT-KEY-CAT3	Keystone Modular Wall plate Insert, Category 3 Voice Insert, White Housing	\$1.29

Item No.	Description	Price
CT-MBP22X22	Mesh Equipment Mounting Plate, Metallic, Wall Mount or Housing Mount, 22" x 22"	\$139.99
CT-MPBC	Grounding Wire Electrical Meter Bonding Pan Clamp	\$0.89
CT-RG59CF	Coaxial Cable F Male Connector, RG59 Compression Type, Compatible with Dual and Tri Shield Coaxial Cable Types, Non-Plenum Rated, Bag of 100	\$59.00
CTSP-F	Coaxial Surge Suppressor, Inline Model, 54-1,00 MHz	\$4.99
CTVS-3	CATV RF Coax Splitter, Single Input, Three Outputs, 5-1,000 MHz, Vertical Port Alignment	\$1.89
.DTV PHONE CABLE	CAT3 4C Telephone Interconnect Cable, Exclusive To DIRECTV Services 6' Length, Silver Satin Line Cord, with Modular Ends	Call for Pricing
DCB-75	CATV Audio Video Adapter, F Type Terminator Cap with Resistor, DC Passing Model, 2,300 MHz Rated	\$2.69
DCI-401REMOTE	Remote Control Replacement, Unit Supports DCI-401	\$17.99
DG1670A (R)	DOCSIS Dual Band Concurrent Wireless Data Gateway / Cable Modem with MOCA, Refurbished / Reconditioned Product	\$39.99
DGT-4-20	CATV Tap / Directional Coupler, 20 dB Quad Tap-Off Value, T-Style, 5-1,000 MHz, Coaxial Connections, Blonder Tongue	\$6.15
DRE-IR-PASSLGL-06	IR Cable, DRE Target, RS232 Infrared Target, For DIRECTV DRE Properties, For Televisions with RS-232 IR Control	\$4.39
DREDUAL16R0-03	Wideband DRE Tap / Directional Coupler, 16 dB Dual Tap-Off Value, T-Style, 2-1,650 MHz, Coaxial Connections, Exclusive To DRE	\$10.69
DRETAP9R0-03	Wideband DRE Tap / Directional Coupler, 09 dB Single Tap-Off Value, T-Style, 2-1,650 MHz, Coaxial Connections, Exclusive To DRE	\$7.29
DS-2177	Satellite Outdoor Unit, 76 cm Oval Reflector, Includes D-Tube LNBF Feed Arm, Plus J Mount with Installations	\$96.00
DSV-42	Diplexer / Band Separator, DC-42/54-1000 MHz Split, For Sub-Band and UHF/VHF Channels	\$40.55
DT-05PTR100M	Multi-Port Ethernet Router, 5 Port, 10/100 Mbps Fast Ethernet, Desktop Model	\$1.40
DT-24PT100M-RM	Unmanaged Multi-Port Ethernet Switch, 24 Port, 10/100 Mbps Fast Ethernet, Rack Mount Model	\$3.45
DT-ATSC-QAM-8	Transcoder, ATSC/QAM Input Transcoder, 8 Off-Air or Unencrypted QAM Inputs, QAM Or Pass Through IP Outlet Output	\$1,999.00
DT-ATSC-QAM-8 (B)	Transcoder, ATSC/QAM Input Transcoder, 8 Off-Air or Unencrypted QAM Inputs, QAM Or Pass Through IP Outlet Output	\$1,999.00
DT-CAT648P	Network Patch Panel, Category 6/5E Compatible, 48 Network RJ45 Ports	\$64.99
DT-HDVD-IPSTR-12PK	Custom Rack Mount Shelf, Exclusive To VIDCASTER IP Encoder Product, Holds Up To 12 Encoder Units, Black Finish	\$189.00
DT-HDVD-IPSTR-ENC	HDMI Encoder / Transmitter, A/V Over IP Lan Network Cabling	\$16.50
DT-HDVD-IPSTR-ENC(B)	HDMI Encoder / Transmitter, A/V Over IP Lan Network Cabling	\$16.50
DT-HDVD-IPSTR-RX	HDMI Decoder / Receiver, A/V Over IP Lan Network Cabling, VIDCASTER IP Product Family	\$16.00
DT-USB DECORA-WH	USB Charging Wall plate, Dual AC Outlet Feed-Through Openings, Single Gang Plate, Decora Style, White Finish Color	\$.85
DT-USBWP-DUAL-15A-WH	USB Charging Wall plate, Dual AC Outlet Feed-Through Openings, Single Gang Plate, Non-Decora Style, White Finish Color	\$.85
DT-USBWP-DUAL-20A-WH	USB Charging Wall plate, Dual AC Outlet Feed-Through Openings, Single Gang Plate, Non-Decora Style, White Finish Color	\$.85
DT-VGAVC-10	VGA / SVGA Video Interconnect Cable, 10' Length, 28 AWG, Dual Male Connections, Black Jacket	\$7.99
DT-VGAVC-100	VGA / SVGA Video Interconnect Cable, 100' Length, 28 AWG, Dual Male Connections, Black Jacket	\$44.99
DT-VGAVC-15	VGA / SVGA Video Interconnect Cable, 15' Length, 28 AWG, Dual Male Connections, Black Jacket	\$11.99
DT-VGAVC-25	VGA / SVGA Video Interconnect Cable, 25' Length, 28 AWG, Dual Male Connections, Black Jacket	\$19.99
DT-VGAVC-6	VGA / SVGA Video Interconnect Cable, 6' Length, 28 AWG, Dual Male Connections, Black Jacket	\$4.99
DT-VGAVC-75	VGA / SVGA Video Interconnect Cable, 75' Length, 28 AWG, Dual Male Connections, Black Jacket	\$37.99
DTV-WD-DIPLEXER09	Satellite Diplexer, 250-2,150 MHz, Exclusive to DIRECTV Satellite Services	\$13.29
DTVAH12DISH (B)	Satellite Outdoor Unit Reflector, Exclusive to DIRECTV Satellite Services, 1.2 Meter Alaska / Hawaii Series	\$152.14
EFI-500W3	CATV Trunk Coaxial Cable Fitting, Hardline Pin Type Connector, for .500 Diameter Trunk Coaxial Cable	\$6.39
ELE9019	20 Outlet Power Strip, 15 Amp Circuit	\$69.99
EREN3FANKIT	Headend Triple Fan Ventilation Panel, 5.25" Height, Rackmount, Black Finish Color	\$80.00
EX6XL	Coaxial Cable F Connector, RG6 Universal Compression Type, Dual Shield through Quad Shield Compatible, Non-Plenum Rated, Bag of 50	\$26.00
EX6XL-PLPLUS	Coaxial Cable Universal F Male Plenum Rated Connector, RG6 Compression Type, Compatible with Dual through Quad Shield Cable Types, Pack of 25	\$24.75
EZ-5-18	Antenna Mast, 5' Length, 1.25" Outer Diameter	\$12.99
FAMP-**HR	Inline Coax Wideband Attenuator Pad, Power-Passing, DC-3,000 MHz (3, 6, 10 dB Optional available)	\$2.19
FANCORD-4X1	Multiple Fan Power Cord, Powers 4 Compatible Fans with One Power Cord	\$20.40
FSID22CF	22" Led Surveillance Monitor 1080p, 1920 x 1080	\$151.00
FT-FC-APC-MM-50-2.0	Optical Connector, FC/APC Male Connection, Mechanical Connector For 50/125 Micron Multi Mode Fiber Cable, 2.0 mm Boot	\$8.36
FT-FC-APC-MM-50-3.0	Optical Connector, FC/APC Male Connection, Mechanical Connector For 50/125 Micron Multi Mode Fiber Cable, 3.0 mm Boot	\$8.36
FT-FC-APC-MM-62.5-2	Optical Connector, FC/APC Male Connection, Mechanical Connector For 62.5/125 Micron Multi Mode Fiber Cable, 2 mm Boot	\$8.36
FT-FC-APC-MM-62.5-3	Optical Connector, FC/APC Male Connection, Mechanical Connector For 62.5/125 Micron Multi Mode Fiber Cable, 3.0 mm Boot	\$8.36
FT-FC-APC-SM-2.0	Optical Connector, FC/APC Male Connection, Mechanical Connector For 9/125 Micron Single Mode Fiber Cable, 2 mm Boot	\$8.36
FT-FC-APC-SM-3.0	Optical Connector, FC/APC Male Connection, Mechanical Connector For 9/125 Micron Single Mode Fiber Cable, 3.0 mm Boot	\$8.36
FT-FC-UPC-MM-50-2.0	Optical Connector, FC/UPC Male Connection, Mechanical Connector For 50/125 Micron Multi Mode Fiber Cable, 2.0 mm Boot	\$6.38
FT-FC-UPC-MM-50-3.0	Optical Connector, FC/UPC Male Connection, Mechanical Connector For 50/125 Micron Multi Mode Fiber Cable, 3.0 mm Boot	\$6.38
FT-FC-UPC-MM-62.5-2	Optical Connector, FC/UPC Male Connection, Mechanical Connector For 62.5/125 Micron Multi Mode Fiber Cable, 2.0 mm Boot	\$6.38
FT-FC-UPC-MM-62.5-3	Optical Connector, FC/UPC Male Connection, Mechanical Connector For 62.5/125 Micron Multi Mode Fiber Cable, 3.0 mm Boot	\$6.38
FT-FC-UPC-SM-2.0	Optical Connector, FC/UPC Male Connection, Mechanical Connector For 9/125 Micron Single Mode Fiber Cable, 2.0 mm Boot	\$6.38
FT-FC-UPC-SM-3.0	Optical Connector, FC/UPC Male Connection, Mechanical Connector For 9/125 Micron Single Mode Fiber Cable, 3.0 mm Boot	\$6.38
FT-FOATT-FC-1	Inline Optical Fixed Value Attenuator, FC/UPC Female Connections, 1 dB	\$4.25
FT-FOATT-FC-10	Inline Optical Fixed Value Attenuator, FC/UPC Female Connections, 10 dB	\$4.25
FT-FOATT-FC-2	Inline Optical Fixed Value Attenuator, FC/UPC Female Connections, 2 dB	\$4.25
FT-FOATT-FC-3	Inline Optical Fixed Value Attenuator, FC/UPC Female Connections, 3 dB	\$4.25

All Sales Are Final. Call now! Quantities are limited to stock on hand. Offer valid while supplies last.

Item No.	Description	Price
FT-FOATT-FC-5	Inline Optical Fixed Value Attenuator, FC/UPC Female Connections, 5 dB	\$4.25
FT-FOATT-LC-PC-10	Inline Optical Fixed Value Attenuator, LC/UPC Female Connections, 10 dB	\$6.60
FT-FOATT-LC-PC-3	Inline Optical Fixed Value Attenuator, LC/UPC Female Connections, 3 dB	\$6.60
FT-FOATT-LC-PC-5	Inline Optical Fixed Value Attenuator, LC/UPC Female Connections, 5 dB	\$6.60
FT-FOATT-MF-FC-1	Inline Optical Fixed Value Attenuator, FC/UPC Female to FC/UPC Male Connections, 1 dB	\$12.50
FT-FOATT-MF-FC-10	Inline Optical Fixed Value Attenuator, FC/UPC Female to FC/UPC Male Connections, 10 dB	\$12.50
FT-FOATT-MF-FC-3	Inline Optical Fixed Value Attenuator, FC/UPC Female to FC/UPC Male Connections, 3 dB	\$12.50
FT-FOATT-MF-FC-5	Inline Optical Fixed Value Attenuator, FC/UPC Female to FC/UPC Male Connections, 5 dB	\$12.50
FT-FOATT-MF-FC-APC-1	Inline Optical Fixed Value Attenuator, FC/APC Female to FC/APC Male Connections, 1 dB	\$13.75
FT-FOATT-MF-FC-APC-3	Inline Optical Fixed Value Attenuator, FC/APC Female to FC/APC Male Connections, 3 dB	\$13.75
FT-FOATT-MF-LC-1	Inline Optical Fixed Value Attenuator, LC/UPC Female to LC/UPC Male Connections, 1 dB	\$12.50
FT-FOATT-MF-LC-10	Inline Optical Fixed Value Attenuator, LC/UPC Female to LC/UPC Male Connections, 10 dB	\$12.50
FT-FOATT-MF-LC-3	Inline Optical Fixed Value Attenuator, LC/UPC Female to LC/UPC Male Connections, 3 dB	\$12.50
FT-FOATT-MF-LC-5	Inline Optical Fixed Value Attenuator, LC/UPC Female to LC/UPC Male Connections, 5 dB	\$12.50
FT-FOATT-MF-LC-APC-1	Inline Optical Fixed Value Attenuator, LC/APC Female to LC/APC Male Connections, 1 dB	\$13.75
FT-FOATT-MF-LC-APC-3	Inline Optical Fixed Value Attenuator, LC/APC Female to LC/APC Male Connections, 3 dB	\$13.75
FT-FOATT-MF-LC-APC-5	Inline Optical Fixed Value Attenuator, LC/APC Female to LC/APC Male Connections, 5 dB	\$13.75
FT-FOATT-MF-LC-APC10	Inline Optical Fixed Value Attenuator, LC/APC Female to LC/APC Male Connections, 10 dB	\$13.75
FT-FOATT-MF-ST-1	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 1 dB	\$13.75
FT-FOATT-MF-ST-10	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 10 dB	\$13.75
FT-FOATT-MF-ST-2	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 2 dB	\$13.75
FT-FOATT-MF-ST-3	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 3 dB	\$13.75
FT-FOATT-MF-ST-5	Inline Optical Fixed Value Attenuator, ST/UPC Female to ST/UPC Male Connections, 5 dB	\$13.75
FT-FOATT-ST-10	Inline Optical Fixed Value Attenuator, ST/UPC Female Connections, 10 dB	\$4.25
FT-FOMC-1-10-100-M	Optical Media Converter Transceiver, Multi-Mode Compatible, Simplex SC/UPC Connection, 10/100 Mbps	\$2.90
FT-FOMC-1-100-1000-M	Optical Media Converter Transceiver, Multi-Mode Compatible, Simplex SC/UPC Connection, 10/100/1,000 Mbps	\$3.90
FT-FOMC-2-100-1000-M	Optical Media Converter Transceiver, Multi-Mode Compatible, Duplex SC/UPC Connection, 10/100/1,000 Mbps	\$399.00
FT-FOMC-2-100M-SC-M	Optical Media Converter Transceiver, Multi-Mode Compatible, Duplex SC/UPC Connection, 10/100 Mbps	\$139.00
FT-FOMC-2-100M-SC-S	Optical Media Converter Transceiver, Single Mode Compatible, Duplex SC/UPC Connection, 10/100 Mbps	\$149.00
FT-FOVATT-FC	Inline Optical Variable Value Attenuator, FC/UPC Female Connections, .5-30 dB Variable Attenuation Range	\$37.50
FT-FOVATT-ST	Inline Optical Variable Value Attenuator, ST/UPC Female Connections, .5-30 dB Variable Attenuation Range	\$37.50
FT-MM62.50-1-2000	Fiber Optic Cable, Bulk Reel, Multi-Mode, Single Simplex Core / Strand, Normal Yarn, 2,000 Meter Reel	\$280.80
FT-SWBSME1X2SCAPC (B)	CATV Optical Coupler, Single Mode Fiber Compatible, 1x2 Ports, Simplex, SC/APC Connections	\$143.70
G-KS-KS-M-T	CATV Trunk Coaxial Cable Adapter, Housing to Housing Dual Pin Connection Adapter	\$12.99
GRS-500-BAFF-DU-03	CATV Trunk Coaxial Cable Fitting, Hardline Female BAFF Type Connector	\$17.90
GS-LC2-01-10G4	Fiber Optic Cable, Multi-Mode, Duplex, 2 LC/UPC Connections, 1 Meter	\$10.25
GS-LC2-SMD-01	Fiber Optic Cable, Single Mode, Duplex, 2 LC/UPC Connections, 1 Meter	\$0.80
HAC-HDW2220M (R)	2.4MP Turret Dome Fixed Lens Camera	\$88.00
HAC-HFW2220S (B)	2.4MP HD Fixed Lens Bullet Camera	\$90.00
HCA-3051	BroadBand Distribution Amplifier, Indoor, +30 dB Gain, 54-550 MHz, Wall Mount	\$139.00
HCA-3086RK	BroadBand Distribution Amplifier, Indoor, +30 dB Gain, 54-860 MHz, Rack Mount	\$179.00
HCA-5051	BroadBand Distribution Amplifier, Indoor, +50 dB Gain, 54-550 MHz, Wall Mount	\$169.00
HCG-24	Headend RF Combiner, 24 Input, 1 Output with Test Port, Rack Mount, 5-1,000 MHz, Passive	\$85.00
HDPVB303P	Passive HD Video Balun, w/ Power Receiver, Transmit Color Video & Receive Power, 1 pair	\$10.99
HMMS-O	Modulator, Fixed Channel, Standard Definition, Commercial Grade, Micro Modulator Series, Channel CATV O/28	\$129.00
HMR	Rackmount Chassis, 12 Slot, Seats Modular Headend Compatible Devices	\$99.99
HP24-500	Heavy Duty Equipment Rack Mounting Screws, 12-24 Thread, 3/4", Black Finish, Bag of 500	\$126.36
HPF-900	CATV High Pass Filter, 900 MHz High Pass, Inline Coaxial Device	\$130.00
HPM55-**	Modulator, Fixed Channel, Standard Definition, Rack Mountable, Commercial Grade, CATV Channel 2-125, +55 dB Output	\$119.99
HRFPB-XSON	Power Extractor / DC Power Inserter, DC-2,2400 MHz, Exclusive To DIRECTV Satellite Services	\$6.39
HRPIR242B	Power Supply / Power Inserter, 24 VDC, 2.08 A, 2-2,400 MHz, F Connector For Dc Input, Exclusive To DIRECTV Satellite Services	\$19.99
HRV-S2P	Wideband / L-Band Rf Coax Splitter, Single Input, Two Outputs, One Output DC Passing, 2-2,400 MHz, Diode Steered	\$4.59
HRV-S3	Wideband / L-Band Rf Coax Splitter, Single Input, Three Outputs, Outputs DC Passing, Diode Steered, 2-2,400 MHz	\$6.89
HRV-S8P	Wideband / L-Band Rf Coax Splitter, Single Input, Eight Outputs, One Output DC Passing, 2-2,400 MHz, Diode Steel	\$14.99
HRV-T10**	Wideband / L-Band Rf Coax Directional Coupler, Single Tap Port 09, 12, 16, 20 dB Value, 2-2,150 MHz, Vertical Port Alignment	\$4.69
HRV-T220	Wideband / L-Band Rf Coax Directional Coupler, Dual Tap Ports 20 dB Value, 2-2,150 MHz, Vertical Port Alignment	\$7.50
HRV-T409	Wideband / L-Band Rf Coax Directional Coupler, Quad Tap Ports 09 dB Value, 2-2,150 MHz, Vertical Port Alignment	\$9.00
HRV-T412	Wideband / L-Band Rf Coax Directional Coupler, Quad Tap Ports 12 dB Value, 2-2,150 MHz, Vertical Port Alignment	\$9.00
HSM55-6	Modulator, Fixed Channel, Standard Definition, Rack Mountable, Commercial Grade, CATV Channel 6, +55 dB Output	\$119.99
IPC6624SR-X33-VF-NB (B)	4MP 33x Ultra Low Light Network PTZ Dome Camera-Not in Original Box Only	\$2,306.60
JP6-60EX36SE	Coaxial RG6 Interconnect Cable, 36" Length, 1,000 MHz Sweep Rating, Black Jacket, with Belden EX6 Compression F Connectors	\$1.75

Item No.	Description	Price
MICM-**	Modulator, Fixed Channel, Standard Definition, Commercial Grade, Micro Modulator Series, Channel CATV 2 To 125	\$105.00
MIPS-12	Chassis Mount Power Supply, Powers Up To 12 Modular Headend Compatible Devices	\$144.00
MIRC-12	Rackmount Chassis, 12 Slot, Seats Modular Headend Compatible Devices	\$106.00
MOR 71	Open Equipment Rack, Steel, Two Front Posts, 71", Rack Base Included, Black Finish Color - Limited Quantity at this Price	\$40.00
MOR 71 BASE	Open Equipment Rack, Replacement Base Unit, Black Finish Color	\$45.00
MOR-71-4-KIT	Equipment Rack Rear Rail Stabilization Kit, Steel, 71" Pairs with MOR-71 - Limited Quantity at this Price	\$25.00
MOR-84	Open Equipment Rack, Steel, Two Front Posts, 84", Rack Base Included, Black Finish Color- Limited Quantity at this Price	\$40.00
MOR-84-4 KIT	Equipment Rack Rear Rail Stabilization Kit, Steel, 84" Pairs with MOR-84 - Limited Quantity at this Price	\$25.00
MOR-PSVL	22 Outlet Power Strip	\$69.99
MPCM45-**	Modulator, Fixed Channel, Standard Definition, Commercial Grade, Micro Modulator Series, Channel CATV 2 -117	\$129.99
MT-VIKI	Composite Audio Video Splitting Device, One Input, Up to Eight Outputs, Amplified / Zero Loss, RCA Type Connections	\$52.00
OAW-AP1201H-US	Wi-Fi Access Point, Indoor Hospitality Model, Dual Radio, Integrated Antenna	\$17.90
OS6450-10L-US	Managed Multi-Port Ethernet Switch, 10 Port, 10/100 Mbps, For DIRECTV DRE MDF/IDF	\$329.00
PCM55SAW-3	Modulator, Fixed Channel, Standard Definition, Commercial Grade, Rack Mount Series, CATV Channel 3	\$119.99
PCM55SAW-00	Modulator, Fixed Channel, Standard Definition, Commercial Grade, Rack Mount Series, CATV Channel 00/51	\$139.99
PI-6S	Wideband Polarity Locker, 6 Port, 250-2,150 MHz, Wall Mount, Exclusive To DIRECTV	\$85.00
POE-2010-8E-125	Unmanaged 8 Port PoE Switch	\$70.88
POE-2026-24P-400	Unmanaged 24 Port PoE Switch	\$385.71
PV-F813GZ	CATV Audio Video Adapter, F Type Threaded Dual Female Splice, 3,000 MHz Rated, Bag of 100	\$0.29
PVCX3B (B)	Coaxial Dual RG6 Cable with attached Ground Wire, Swept To 3,000 MHz, BCC Conductor, Dual Shield, 60% Aluminum Braiding, Black 500' Reel	\$147.00
PVHSSL	Satellite Dish Heater Kit, Replacement Heating Element, for Hotshot Product Family	\$93.00
PVMMS-**	Modulator, Fixed Channel, Standard Definition, Commercial Grade, Micro Modulator Series, Channels 2-135	\$105.99
RG11PWH2	Coaxial RG-11 Plenum CMP Cable, Swept To 3,000 MHz, CCS Center Conductor, Dual Shield, 60% Aluminum Braiding, White, 1,000' Reel	\$969.00
RG11RBK-2	Coaxial RG11 Cable, Swept To 3,000 MHz, CCS Center Conductor, Dual Shield, 60% Aluminum Braiding, Black Jacket, 1,000' Reel	\$179.90
RG59-NR	Coaxial Cable F Connector, Radial Crimp Technology, RG59 Cabling Type, Quad Shield Compatible, Non-Plenum Rated, Bag of 100	\$50.00
RG59-WR	Coaxial Cable F Connector, Radial Crimp Technology, RG59 Cabling Type, Dual Shield Compatible, Non-Plenum Rated, Bag of 100	\$55.00
RG6-WRO	Coaxial Cable F Connector, Radial Crimp Technology, Rg6 Cabling Type, Dual Shield Compatible, Non-Plenum Rated, Bag of 100	\$0.57
RG6QRBK1	Coaxial RG6 Quad-Shield Cable, Swept To 3,000 MHz, Copper-Clad Steel Center Conductor, Black Jacket Color, 1,000' Pull Box	\$79.90
RMDA-750-30 (R)	Refurbished Broadband Distribution Amplifier, Indoor, +30 dB Gain, 47-750 MHz, Rack Mount	\$29.50
SD-ODS5.25-1	Audio Speaker, Outdoor Model, Ip56 Rated, 5.25", Sold as Each Speaker, Symphonic Designs	\$54.99
SNS11AS	Coaxial Cable F Connector, RG11 Compression Type, Dual Shield Compatible, PVC Compatibility, Non-Plenum Rated, Bag of 36	\$5.09
SSTSNS11	RG7/11 Tool, Security Shield, For RG7/11 Connector	\$37.99
ST-ALLIN1-TEST2 (R)	7" Field Monitor Test Meter for Analog, TVI, CVI, AHD, SDI & IP	\$795.00
ST-HDC2FTD-BLK (B)	2MP Turret Dome, 4mm Fixed Lens, Black Housing Camera	\$59.00
ST-HDOC-MM	Tester 3.5" HDoC +SDI +MM	\$399.00
ST-IP-TEST2 (R)	Meter, IP, Analog the ST-IP-TEST2 Camera Tester	\$464.00
ST-IP2FD-2.8 (R)	Refurbished 2MP IP Fixed Lens Dome Camera	\$109.00
ST-IP4FD-LS-2.8 (R)	Refurbished 4MP IP 2.8mm Fixed Lens Dome Lite Series	\$216.00
ST-IP4FTD-2.8 (R)	4MP IP IR Fixed Lens Turret Dome	\$149.00
ST-IP4FTD-CNV-2.8 (R)	Refurbished – 4MP Chroma IP Turret Dome Camera	\$189.00
ST-IP8FD-2.8 (R)	Refurbished 8MP IP Dome Camera 4k Ultra HD 8MP 2.8mm Fixed Lens	\$169.00
ST-LIVEADAP (B)	ST-LIVE Cloud Adapter Refurbished	\$119.00
ST-NVR-128 (R)	Refurbished - 128ch NVR with Raid the Ultimate Pro Series NVR	\$3,359.00
ST-PBX18-10A-PTC (R)	Refurbished Power Box, 18 Ch, PTC, 10a 18 Camera Power Supply, 12VDC,	\$70.00
ST-PBX18AC24V8A (B)	Power Supply for 18 Cameras - 18 Camera Outputs - Input Voltage: AC110V, 60 Hz	\$74.99
ST-THERMSCAN-1 (R)	Non-Contact Thermometer	\$5.60
ST2-SMD-01-3.0	Jumper, FIB, ST/UPC TO ST/UPC, 1M Jumper, Fiber, ST/UPC TO ST/UPC, 1M	\$21.99
TAMM-860	Modulator, Agile Channel Selection CATV 2-135, Standard Definition, Commercial Grade, Micro Modulator Series	\$209.99
TCE11400010	COM2000/COM3000 Modulator, 32 Channel NTSC/Standard Definition Output, Pairs with COM51/COM51A Satellite Tuner Insert Blade 1:1	\$3,995.00
TCE61102055	CATV RF Coax Splitter, Single Input, Twelve Outputs, 5-1,200 MHz, Horizontal Input Port, Vertical Output Ports, Solder Back	\$14.99
TECH5-16US	ATSC/QAM Encoder, ATSC/8VSB/CLEAR QAM Input Options, 16 Tuner Support Across 4 Separate Input Connections	\$2,739.00
TSS-2400	Coaxial Surge Suppressor, Inline Model, 5-2,400 MHz	\$4.80
TV-83220301	Wi-Fi Streamer, DTV, Lite Streaming Transcoder, Exclusive to DIRECTV L&I Vertical Properties, Wi-Fi Lite Streaming Model	\$3,595.00
TV-83220302	Wi-Fi Streamer, DTV, Plus Streaming Transcoder, Exclusive to DIRECTV L&I Vertical Properties, Plus Streaming Mode	\$3,995.00
UCW4026MCS* (R)	Android Commercial Set Top Box, Exclusive to DIRECTV Lodging and Institutions Advanced Entertainment Platform AEP	\$129.00
UFA-14.5	Rack Mount Utility Shelf, Vented, 1.07 "Height, Black Finish Color, Middle Atlantic Products	\$52.69
VBT-100	CATV Audio Video Adapter, F Type Terminator Cap with Resistor, DC Passing Model, 3,000 MHz	\$1.39
VM-DV4HD5-MICRO	Digital Signage Player/Character Generator, Android Based	\$799.90
WS500	Coaxial Cable Weather Seal, 50", Black Finish Color, Bag of 100	\$13.00
XGVS-8	CATV RF Coax Splitter, Single Input, Eight Outputs, 5-1,000 MHz, Vertical Output Ports Alignment	\$6.99
Z3	Managed Cisco VPN Remote Connection Cloud Managed Gateway	\$10.90

All Sales Are Final. Call now! Quantities are limited to stock on hand. Offer valid while supplies last.

dB Conversion Chart

mV	dBmV	dBm	mV	dBmV	dBm	mV	dBmV	dBm	mV	dBmV	dBm
0.0010	-60	-108.75	0.0631	-24	-72.75	3.9811	12	-36.75	223.8721	47	-1.75
0.0011	-59	-107.75	0.0708	-23	-71.75	4.4668	13	-35.75	251.1886	48	-0.75
0.0013	-58	-106.75	0.0794	-22	-70.75	5.0119	14	-34.75	273.8420	48.75	0
0.0014	-57	-105.75	0.0891	-21	-69.75	5.6234	15	-33.75	281.8383	49	0.25
0.0016	-56	-104.75	0.1000	-20	-68.75	6.3096	16	-32.75	316.2278	50	1.25
0.0018	-55	-103.75	0.1120	-19	-67.75	7.0795	17	-31.75	354.8134	51	2.25
0.0020	-54	-102.75	0.1259	-18	-66.75	7.9433	18	-30.75	398.1072	52	3.25
0.0022	-53	-101.75	0.1413	-17	-65.75	8.9125	19	-29.75	446.6836	53	4.25
0.0025	-52	-100.75	0.1586	-16	-64.75	10.0000	20	-28.75	501.1872	54	5.25
0.0028	-51	-99.75	0.1778	-15	-63.75	11.2202	21	-27.75	562.3413	55	6.25
0.0032	-50	-98.75	0.1995	-14	-62.75	12.5893	22	-26.75	630.9573	56	7.25
0.0035	-49	-97.75	0.2239	-13	-61.75	14.1254	23	-25.75	707.9458	57	8.25
0.0040	-48	-96.75	0.2512	-12	-60.75	15.8489	24	-24.75	794.3282	58	9.25
0.0045	-47	-95.75	0.2818	-11	-59.75	17.7828	25	-23.75	891.2509	59	10.25
0.0050	-46	-94.75	0.3162	-10	-58.75	19.9526	26	-22.75	1000.0000	60	11.25
0.0056	-45	-93.75	0.3548	-9	-57.75	22.3872	27	-21.75	1122.0185	61	12.25
0.0063	-44	-92.75	0.3981	-8	-56.75	25.1189	28	-20.75	1258.9254	62	13.25
0.0071	-43	-91.75	0.4467	-7	-55.75	28.1838	29	-19.75	1412.5375	63	14.25
0.0079	-42	-90.75	0.5012	-6	-54.75	31.6228	30	-18.75	1584.8932	64	15.25
0.0089	-41	-89.75	0.5623	-5	-53.75	35.4813	31	-17.75	1778.2794	65	16.25
0.0100	-40	-88.75	0.6310	-4	-52.75	39.8107	32	-16.75	1995.2623	66	17.25
0.0112	-39	-87.75	0.7079	-3	-51.75	44.6684	33	-15.75	2238.7211	67	18.25
0.0126	-38	-86.75	0.7943	-2	-50.75	50.1187	34	-14.75	2511.8864	68	19.25
0.0141	-37	-85.75	0.8913	-1	-49.75	56.2341	35	-13.75	2818.3829	69	20.25
0.0158	-36	-84.75	1.0000	0	-48.75	63.0957	36	-12.75	3162.2777	70	21.25
0.0178	-35	-83.75	1.1220	1	-47.75	70.7946	37	-11.75	3548.1339	71	22.25
0.0200	-34	-82.75	1.2589	2	-46.75	79.4328	38	-10.75	3981.0717	72	23.25
0.0224	-33	-81.75	1.4125	3	-45.75	89.1251	39	-9.75	4466.8359	73	24.25
0.0251	-32	-80.75	1.5849	4	-44.75	100.0000	40	-8.75	5011.8723	74	25.25
0.0282	-31	-79.75	1.7783	5	-43.75	112.2018	41	-7.75	5623.4133	75	26.25
0.0316	-30	-78.75	1.9953	6	-42.75	125.8925	42	-6.75	6309.5734	76	27.25
0.0355	-29	-77.75	2.2387	7	-41.75	141.2538	43	-5.75	7079.4578	77	28.25
0.0398	-28	-76.75	2.5119	8	-40.75	158.4893	44	-4.75	7943.2823	78	29.25
0.0447	-27	-75.75	2.8184	9	-39.75	177.8279	45	-3.75	8912.5094	79	30.25
0.0501	-26	-74.75	3.1623	10	-38.75	199.5262	46	-2.75	10000.0000	80	31.25
0.0562	-25	-73.75	3.5481	11	-37.75	-	-	-	-	-	-

Typical Cable Attenuation/Frequency Allocation Chart

Typical Cable Attenuation - In Decibels/100ft. at 68°F

Frequency mHz.	Drop Table			Trunk Table									
	RG59	RG6	RG11	412	500	625	750	875	1000	565	700	840	1160
5	0.81	0.61	0.36	0.19	0.16	0.12	0.10	0.09	0.08	0.13	0.11	0.09	0.07
30	1.45	1.17	0.75	0.48	0.39	0.31	0.26	0.22	0.20	0.33	0.26	0.22	0.16
50	1.78	1.44	0.93	0.62	0.50	0.40	0.34	0.28	0.26	0.43	0.34	0.29	0.22
108	2.48	2.02	1.30	0.92	0.75	0.60	0.50	0.43	0.39	0.64	0.51	0.43	0.33
216	3.49	2.85	1.83	1.31	1.07	0.87	0.72	0.62	0.57	0.91	0.73	0.63	0.48
240	3.68	3.00	1.94	1.39	1.14	0.92	0.77	0.65	0.60	0.97	0.77	0.67	0.51
270	3.91	3.19	2.06	1.48	1.21	0.98	0.82	0.70	0.64	1.03	0.82	0.71	0.54
300	4.13	3.37	2.17	1.56	1.28	1.04	0.86	0.74	0.68	1.09	0.87	0.75	0.58
325	4.31	3.51	2.27	1.63	1.34	1.09	0.90	0.77	0.71	1.13	0.91	0.79	0.60
350	4.48	3.65	2.36	1.69	1.39	1.13	0.94	0.80	0.74	1.18	0.95	0.82	0.63
375	4.65	3.79	2.44	1.76	1.44	1.18	0.98	0.84	0.77	1.22	0.98	0.85	0.65
400	4.81	3.92	2.53	1.82	1.49	1.22	1.01	0.87	0.80	1.27	1.02	0.88	0.68
450	5.13	4.17	2.69	1.94	1.59	1.30	1.08	0.92	0.86	1.35	1.08	0.94	0.73
500	5.43	4.42	2.85	2.05	1.68	1.38	1.14	0.98	0.91	1.43	1.15	1.00	0.77
550	5.72	4.65	3.01	2.16	1.77	1.45	1.20	1.03	0.96	1.50	1.21	1.05	0.82
600	6.00	4.87	3.16	2.26	1.86	1.52	1.26	1.09	1.01	1.58	1.27	1.11	0.86
650	6.27	5.09	3.30	2.36	1.94	1.59	1.32	1.14	1.06	1.65	1.33	1.16	0.90
700	6.53	5.29	3.44	2.45	2.02	1.66	1.38	1.19	1.11	1.71	1.38	1.21	0.94
750	6.78	5.50	3.58	2.55	2.10	1.72	1.43	1.23	1.16	1.78	1.44	1.26	0.98
800	7.03	5.69	3.71	2.64	2.18	1.79	1.48	1.28	1.20	1.84	1.49	1.30	1.02
862	7.33	5.93	3.88	2.75	2.27	1.86	1.55	1.34	1.25	1.92	1.55	1.36	1.07
900	7.50	6.07	3.97	2.81	2.32	1.91	1.59	1.37	1.29	1.97	1.59	1.40	1.10
950	7.73	6.25	4.10	2.90	2.39	1.97	1.64	1.41	1.33	2.03	1.64	1.44	1.13
1000	7.95	6.43	4.23	2.98	2.46	2.03	1.68	1.45	1.37	2.08	1.69	1.49	1.17

Frequency Allocation Chart - UHF Channels

Channel	Bandwidth	Video	Audio
14	470	476	471.25
15	476	482	477.25
16	482	488	483.25
17	488	494	489.25
18	494	500	495.25
19	500	506	501.25
20	506	512	507.25
21	512	518	513.25
22	518	524	519.25
23	524	530	525.25
24	530	536	531.25
25	536	542	537.25
26	542	548	543.25
27	548	554	549.25
28	554	560	555.25
29	560	566	561.25
30	566	572	567.25
31	572	578	573.25
32	578	584	579.25
33	584	590	585.25
34	590	596	591.25
35	596	602	597.25
36	602	608	603.25
37	608	614	609.25

Channel	Bandwidth	Video	Audio
38	614	620	615.25
39	620	626	621.25
40	626	632	627.25
41	632	638	633.25
42	638	644	639.25
43	644	650	645.25
44	650	656	651.25
45	656	662	657.25
46	662	668	663.25
47	668	674	669.25
48	674	680	675.25
49	680	686	681.25
50	686	692	687.25
51	692	698	693.25
52	698	704	699.25
53	704	710	705.25
54	710	716	711.25
55	716	722	717.25
56	722	728	723.25
57	728	734	729.25
58	734	740	735.25
59	740	746	741.25
60	746	752	747.25
-	-	-	-

Channel	Bandwidth	Video	Audio
61	752	758	753.25
62	758	764	759.25
63	764	770	765.25
64	770	776	771.25
65	776	782	777.25
66	782	788	783.25
67	788	794	789.25
68	794	800	795.25
69	800	806	801.25
70	806	812	807.25
71	812	818	813.25
72	818	824	819.25
73	824	830	825.25
74	830	836	831.25
75	836	842	837.25
76	842	848	843.25
77	848	854	849.25
78	854	860	855.25
79	860	866	861.25
80	866	872	867.25
81	872	878	873.25
82	878	884	879.25
83	884	890	885.25
-	-	-	-

CATV QAM Channel Center Frequency - 54 MHz to 860 MHz

EIA Channels	MHz Center Frequency
2	57
3	63
4	69
5	79
6	85
95	93
96	99
97	105
98	111
99	119
14	123
15	129
16	135
17	141
18	147
19	153
20	159
21	165
22	171
7	177
8	183
9	189
10	195
11	201
12	207
13	213
23	219

EIA Channels	MHz Center Frequency
24	225
25	231
26	237
27	243
28	249
29	255
30	261
31	267
32	273
33	279
34	285
35	291
36	297
37	303
38	309
39	315
40	321
41	327
42	333
43	339
44	345
45	351
46	357
47	363
48	369
49	375
50	381

EIA Channels	MHz Center Frequency
51	387
52	393
53	399
54	405
55	411
56	417
57	423
58	429
59	435
60	441
61	447
62	453
63	459
64	465
65	471
66	477
67	483
68	489
69	495
70	501
71	507
72	513
73	519
74	525
75	531
76	537
77	543

EIA Channels	MHz Center Frequency
78	549
79	555
80	561
81	567
82	573
83	579
84	585
85	591
86	597
87	603
88	609
89	615
90	621
91	627
92	633
93	639
94	645
100	651
101	657
102	663
103	669
104	675
105	681
106	687
107	693
108	699
109	705

EIA Channels	MHz Center Frequency
110	711
111	717
112	723
113	729
114	735
115	741
116	747
117	753
118	759
119	765
120	771
121	777
122	783
123	789
124	795
125	801
126	807
127	813
128	819
129	825
130	831
131	837
132	843
133	849
134	855
135	861
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Frequency Allocation Chart for VHF and CATV Channels

Chan.	EIA Chan.	Standard		Incremental		Harmonic	
		Video	Audio	Video	Audio	Video	Audio
T7	none	7.0000	11.5000	NA	NA	NA	NA
T8	none	13.0000	17.5000	NA	NA	NA	NA
T9	none	19.0000	23.5000	NA	NA	NA	NA
T10	none	25.0000	29.5000	NA	NA	NA	NA
T11	none	31.0000	35.5000	NA	NA	NA	NA
T12	none	37.0000	41.5000	NA	NA	NA	NA
T13	none	43.0000	47.5000	NA	NA	NA	NA
T14	none	49.0000	53.5000	NA	NA	NA	NA
2	2	55.2500	59.7500	55.2625	59.7625	54.0027	58.5027
3	3	61.2500	65.7500	61.2625	65.7625	60.0030	64.5030
4	4	67.2500	71.7500	67.2625	71.7625	66.0033	70.5030
A8	1	NA	NA	73.2625	77.7625	72.0036	76.5036
5	5	77.2500	81.7500	79.2625	83.7625	78.0039	82.5039
6	6	83.2500	87.7500	85.2625	89.7625	84.0042	88.5042
A5	95	91.2500	95.7500	91.2625	95.7625	90.0045	94.5045
A4	96	97.2500	101.7500	97.2625	101.7625	96.0048	100.5048
A3	97	103.2500	107.7500	103.2625	107.7625	102.0051	106.5051
A2	98	109.2750	113.7750	109.2750	113.7750	--	--
A1	99	115.2750	119.7750	115.2750	119.7750	--	--
A	14	121.2625	125.7625	121.2625	125.7625	120.0060	124.5060
B	15	127.2625	131.7625	127.2625	131.7625	126.0063	130.5063
C	16	133.2625	137.7625	133.2625	137.7625	132.0066	136.5066
D	17	139.2400	143.7400	139.2625	143.7625	138.0069	142.5069
E	18	145.2500	149.7500	145.2625	149.7625	144.0072	148.5072
F	19	151.2500	155.7500	151.2625	155.7625	150.0075	154.5075
G	20	157.2500	161.7500	157.2625	161.7625	156.0078	160.5078
H	21	163.2500	167.7500	163.2625	167.7625	162.0081	166.5081
I	22	169.2500	173.7500	169.2625	173.7625	168.0084	172.5084
7	7	175.2500	179.7500	175.2625	179.7625	174.0087	178.5087
8	8	181.2500	185.7500	181.2625	185.7625	180.0090	184.5090
9	9	187.2500	191.7500	187.2625	191.7625	186.0093	190.5093
10	10	193.2500	197.7500	193.2625	197.7625	192.0096	196.5096
11	11	199.2500	203.7500	199.2625	203.7625	198.0099	202.5099
12	12	205.2500	209.7500	205.2625	209.7625	204.0102	208.5102
13	13	211.2500	215.7500	211.2625	215.7625	210.0105	214.5105
J	23	217.2500	221.7500	217.2625	221.7625	216.0108	220.5108
K	24	223.2500	227.7500	223.2625	227.7625	222.0111	226.5111
L	25	229.2625	233.7625	229.2625	233.7625	228.0114	232.5114
M	26	235.2625	239.7625	235.2625	239.7625	234.0117	238.5117
N	27	241.2625	245.7625	241.2625	245.7625	240.0120	244.5120
O	28	247.2625	251.7625	247.2625	251.7625	246.0123	250.5123
P	29	253.2625	257.7625	253.2625	257.7625	252.0126	256.5126
Q	30	259.2625	263.7625	259.2625	263.7625	258.0129	262.5129
R	31	265.2625	269.7625	265.2625	269.7625	264.0132	268.5132
S	32	271.2625	275.7625	271.2625	275.7625	270.0135	274.5135
T	33	277.2625	281.7625	277.2625	281.7625	276.0138	280.5138
U	34	283.2625	287.7625	283.2625	287.7625	282.0141	286.5141
V	35	289.2625	293.7625	289.2625	293.7625	288.0144	292.5144
W	36	295.2625	299.7625	295.2625	299.7625	294.0147	298.5147
AA	37	301.2625	305.7625	301.2625	305.7625	300.0150	304.5150
BB	38	307.2625	311.7625	307.2625	311.7625	306.0153	310.5153
CC	39	313.2625	317.7625	313.2625	317.7625	312.0156	316.5156
DD	40	319.2625	323.7625	319.2625	323.7625	318.0159	322.5159
EE	41	325.2625	329.7625	325.2625	329.7625	324.0162	328.5162
FF	42	331.2750	335.7750	331.2750	335.7750	330.0165	334.5165
GG	43	337.2625	341.7625	337.2625	341.7625	336.0168	340.5168
HH	44	343.2625	347.7625	343.2625	347.7625	342.0168	346.5168
II	45	349.2625	353.7625	349.2625	353.7625	348.0168	352.5168
JJ	46	355.2625	359.7625	355.2625	359.7625	354.0168	358.5168
KK	47	361.2625	365.7625	361.2625	365.7625	360.0168	364.5168
LL	48	367.2625	371.7625	367.2625	371.7625	366.0168	370.5168
MM	49	373.2625	377.7625	373.2625	377.7625	372.0168	376.5168
NN	50	379.2625	383.7625	379.2625	383.7625	378.0168	382.5168
OO	51	385.2625	389.7625	385.2625	389.7625	384.0168	388.5168
PP	52	391.2625	395.7625	391.2625	395.7625	390.0168	394.5168
QQ	53	397.2625	401.7625	397.2625	401.7625	396.0168	400.5168
RR	54	403.2500	407.7500	403.2625	407.7625	402.0201	406.5201
SS	55	409.2500	413.7500	409.2625	413.7625	408.0204	412.5204
TT	56	415.2500	419.7500	415.2625	419.7625	414.0207	418.5207
UU	57	421.2500	425.7500	421.2625	425.7625	420.0210	424.5210
VV	58	427.2500	431.7500	427.2625	431.7625	426.0213	430.5213
WW	59	433.2500	437.7500	433.2625	437.7625	432.0216	436.5216
XX	60	439.2500	443.7500	439.2625	443.7625	438.0219	442.5219
YY	61	445.2500	449.7500	445.2625	449.7625	444.0222	448.5222
ZZ	62	451.2500	455.7500	451.2625	455.7625	450.0225	454.5225

Chan.	EIA Chan.	Standard		Incremental		Harmonic	
		Video	Audio	Video	Audio	Video	Audio
AAA	63	457.2500	461.7500	457.2625	461.7625	456.0228	460.5228
BBB	64	463.2500	467.7500	463.2625	467.7625	462.0231	466.5231
CCC	65	469.2500	473.7500	469.2625	473.7625	468.0234	472.5234
DDD	66	475.2500	479.7500	475.2625	479.7625	474.0237	478.5237
EEE	67	481.2500	485.7500	481.2625	485.7625	480.0240	484.5240
FFF	68	487.2500	491.7500	487.2625	491.7625	486.0243	490.5243
GGG	69	493.2500	497.7500	493.2625	497.7625	492.0246	496.5246
HHH	70	499.2500	503.7500	499.2625	503.7625	498.0249	502.5249
III	71	505.2500	509.7500	505.2625	509.7625	504.0252	508.5252
JJJ	72	511.2500	515.7500	511.2625	515.7625	510.0255	514.5255
KKK	73	517.2500	521.7500	517.2625	521.7625	516.0258	520.5258
LLL	74	523.2500	527.7500	523.2625	527.7625	522.0261	526.5261
MMM	75	529.2500	533.7500	529.2625	533.7625	528.0264	532.5264
NNN	76	535.2500	539.7500	535.2625	539.7625	534.0267	538.5267
OOO	77	541.2500	545.7500	541.2625	545.7625	540.0270	544.5270
PPP	78	547.2500	551.7500	547.2625	551.7625	546.0273	550.5273
QQQ	79	553.2500	557.7500	553.2625	557.7625	552.0276	556.5276
RRR	80	559.2500	563.7500	559.2625	563.7625	558.0279	562.5279
SSS	81	565.2500	569.7500	565.2625	569.7625	564.0282	568.5282
TTT	82	571.2500	575.7500	571.2625	575.7625	570.0285	574.5285
UUU	83	577.2500	581.7500	577.2625	581.7625	576.0288	580.5288
VVV	84	583.2500	587.7500	583.2625	587.7625	582.0291	586.5291
WWW	85	589.2500	593.7500	589.2625	593.7625	588.0294	592.5294
XXX	86	595.2500	599.7500	595.2625	599.7625	594.0297	598.5297
YYY	87	601.2500	605.7500	601.2625	605.7625	600.0300	604.5300
ZZZ	88	607.2500	611.7500	607.2625	611.7625	606.0303	610.5303
--	89	613.2500	617.7500	613.2625	617.7625	612.0306	616.5306
--	90	619.2500	623.7500	619.2625	623.7625	618.0309	622.5309
--	91	625.2500	629.7500	625.2625	629.7625	624.0312	628.5312
--	92	631.2500	635.7500	631.2625	635.7625	630.0315	634.5315
--	93	637.2500	641.7500	637.2625	641.7625	636.0318	640.5318
--	94	643.2500	647.7500	643.2625	647.7625	642.0321	646.5321
--	100	649.2500	653.7500	649.2625	653.7625	648.0324	652.5324
--	101	655.2500	659.7500	655.2625	659.7625	654.0327	658.5327
--	102	661.2500	665.7500	661.2625	665.7625	660.0330	664.5330
--	103	667.2500	671.7500	667.2625	671.7625	666.0333	670.5333
--	104	673.2500	677.7500	673.2625	677.7625	672.0336	676.5336
--	105	679.2500	683.7500	679.2625	683.7625	678.0339	682.5339
--	106	685.2500	689.7500	685.2625	689.7625	684.0342	688.5342
--	107	691.2500	695.7500	691.2625	695.7625	690.0345	694.5345
--	108	697.2500	701.7500	697.2625	701.7625	696.0348	700.5348
--	109	703.2500	707.7500	703.2625	707.7625	702.0351	706.5351
--	110	709.2500	713.7500	709.2625	713.7625	708.0354	712.5354
--	111	715.2500	719.7500	715.2625	719.7625	714.0357	718.5357
--	112	721.2500	725.7500	721.2625	725.7625	720.0360	724.5360
--	113	727.2500	731.7500	727.2625	731.7625	726.0363	730.5363
--	114	733.2500	737.7500	733.2625	737.7625	732.0366	736.5366
--	115	739.2500	743.7500	739.2625	743.7625	738.0369	742.5369
--	116	745.2500	749.7500	745.2625	749.7625	744.0372	748.5372
--	117	751.2500	755.7500	751.2625	755.7625	750.0375	754.5375
--	118	757.2500	761.7500	757.2625	761.7625	756.0378	760.5378
--	119	763.2500	767.7500	763.2625	767.7625	762.0381	766.5381
--	120	769.2500	773.7500	769.2625	773.7625	768.0384	772.5384
--	121	775.2500	779.7500	775.2625	779.7625	774.0387	778.5387
--	122	781.2500	785.7500	781.2625	785.7625	780.0390	784.5390
--	123	787.2500	791.7500	787.2625	791.7625	786.0393	790.5393
--	124	793.2500	797.7500	793.2625	797.7625	792.0396	796.5396
--	125	799.2500	803.7500	799.2625	803.7625	799.0399	793.5399
--	126	805.2500	809.7500	805.2625	809.7625	804.0402	808.5402
--	127	811.2500	815.7500	811.2625	815.7625	810.0405	814.5405
--	128	817.2500	821.7500	817.2625	821.7625	816.0408	820.5408
--	129	823.2500	827.7500	823.2625	827.7625	822.0411	826.5411
--	130	829.2500	833.7500	829.2625	833.7625	828.0414	832.5414
--	131	835.2500	839.7500	835.2625	839.7625	834.0417	838.5417
--	132	841.2500	845.7500	841.2625	845.7625	840.0420	844.5420
--	133	847.2500	851.7500	847.2625	851.7625	846.0423	850.5423
--	134	853.2500	857.7500	853.2625	857.7625	852.0426	856.5426
--	135	859.2500	863.7500	859.2625	863.7625	858.0429	862.5429
--	136	865.2500	869.7500	865.2625	869.7625	864.0432	868.5432
--	137	871.2500	875.7500	871.2625	875.7625	870.0435	874.5435
--	138	877.2500	881.7500	877.2625	881.7625	876.0438	880.5438
--	139	883.2500	887.7500	883.2625	887.7625	882.0441	886.5441
--	140	889.2500	893.7500	889.2625	893.7625	888.0444	892.5444
--	141	895.2500	899.7500	895.2625	899.7625	894.0447	898.5447
--	142	901.2500	905.7500	901.2625	905.7625	900.0450	904.5450

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Terms and Conditions

SALES OFFICE HOURS: With multiple sales locations to serve you throughout the country, our sales department is open 8:00 AM to 8:00 PM ET (5:00AM to 5:00PM PT) Monday-Friday and can be reached 24 hours a day via email at sales@nace.tv.

PRICES: Prices are subject to change without notice. Prices in effect at time of order will be applied.

CATALOG ERRORS: The pricing and specifications in this catalog have been carefully checked before printing and are deemed correct, however, no responsibility can be assumed for inaccuracies that may exist. All information in this catalog is subject to change without prior notice.

LARGE QUANTITY QUOTATIONS: We welcome requests for quotations on quantities more than the maximum amounts published in our price list. Private label and non-catalog inquiries are welcome for items not listed in our catalog. Some items may be subject to minimum order quantities.

MINIMUM ORDERS: \$100.00 minimum order. All orders under \$100.00 are subject to a \$10.00 handling charge. Minimum order to open a new account is \$250.00.

OUT OF STOCK MERCHANDISE: Out-of-stock merchandise will be held back for no more than 60 days and shipped when stock becomes available. Back orders of less than \$25.00 will be automatically canceled. NACE has the option to substitute any item on backorder for a comparable item of equal or greater value.

WILL CALL SERVICE: : Pick up service is available from 9:00 AM until 5:00 PM local time. Other times can be accommodated by appointment. Customers in proximity can avoid will call waiting time by phoning orders in 1 hour prior to picking up. Please specify the name of the person picking up your order at the time of order placement.

TERMS: Net terms to approved accounts. All other accounts are prepay or credit card. All customers must provide a valid sales tax resale number, otherwise sales tax will be charged a 3% surcharge will be applied to all NET accounts that are paid via credit card.

DECLINED CREDIT CARD FEE: All declined credit card orders will be charged a \$10.00 service charge. The fee will be charged in the freight field of the order.

FREE FREIGHT ORDERS: Shipping carrier to be determined by NACE on all orders where NACE is paying the shipping charges.

PAST DUE ACCOUNTS: Overdue accounts will be placed on hold. ACCOUNTS OVER 90 DAYS WILL BE NOTIFIED AND TURNED OVER FOR COLLECTION 10 DAYS AFTER NOTIFICATION.

FINANCE CHARGE: 1.25% per month on all invoices over 30 days.

RETURNED CHECK CHARGES: Customer will be charged \$50.00 each time a check is returned for any reason.

COLLECTION: Customer is responsible for any costs or fees necessary to collect past due accounts.

BILLING INQUIRES: All billing and account status inquiries should be directed to the accounts receivable department 8:30 AM to 5:00 PM Monday-Friday.

FREIGHT: All orders are shipped F.O.B. West Chester, PA; St. Peters, MO; or Las Vegas, NV unless otherwise specified. Orders are shipped UPS, FEDEX or freight carrier. Please be sure to specify for special 3-day, 2-day, next day service and/or Saturday delivery if needed. We also offer the next flight out for same day shipping. For your protection, shipments are automatically insured for damage or loss in transit. All freight charges are subject to dimensional/oversize carrier weight regulations. Addresses determined by carrier as residential are subject to residential delivery rates. Special delivery fees, such as limited access charges, will be assessed in arrears for any carrier charge-backs.

DROP SHIPMENT FEES: To cover the added costs of making a drop shipment from a vendor, the following fees will apply. This is in addition to vendor freight, and other vendor additional charges (drop ship fees, etc.) to help offset the increased amount of labor with an order that is a drop ship. Orders will receive a 5% freight surcharge, with a cap of \$50.00, added into the freight amount. There will be a minimum surcharge of \$5.00 per order. For certain key accounts these fees can be reduced or waived.

SAME DAY SHIPPING: Most orders received by 4 PM are processed and shipped the same day if credit has been established and the account is in current standing.

SHORTAGES: Must notify the shipping carrier immediately and NACE within 10 days from the invoice date to get a claim.

INCORRECT SHIPMENTS: Must notify NACE within 10 days from invoice date.

REPAIR/RETURN MERCHANDISE: Must have a return material authorization # (RMA) which can be obtained by calling the NACE Labs. Product may be repaired/replaced/credited at our option. Product is supported in accordance with manufacturers policy. Original invoice number, quantity, item number, and description of reason for return are required to issue an RMA. Any return merchandise is to be sent back freight prepaid. Some products are required to be sent back directly to the manufacturer. NACE reserves the right to deny requests for returns at their discretion.

RETURN OF MERCHANDISE: Merchandise being returned for credit must have a return material authorization number and be returned within 90 days of date of purchase and is subject to restocking charges. Merchandise and packaging materials must be in their original factory condition. Product returned cannot be altered in any way. This includes any type of marking, writing, or labeling on the product or packaging. Credits will be issued as merchandise credit only, no cash refunds. Any orders refused by the customer may be subject to a restocking fee. If a customer refuses an order for any reason, NACE will be compensated by the purchaser for all shipping charges.

REFUSED ORDERS: Refused orders will be charged a minimum 20% restocking fee.

NO REFUNDS WITHOUT SALES INVOICE: Equipment must be inspected before any decision is made on issuing credit. Most sales are final. No cash refunds. Credits will only be issued for the amount paid on the original invoice.

SPECIAL ORDER ITEMS: Special order items are non-returnable. Special order items must be paid in full upon ordering.

PRICING INFORMATION: Prices do not include freight or shipping charges, unless specified.

BROKEN PACK QUANTITY: All broken pack quantities will incur a 10% surcharge.

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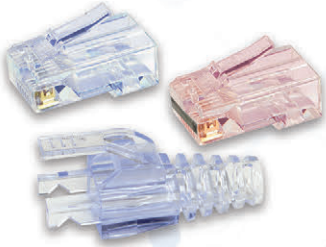
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