

High Definition Digital Video Recorder for HD Over Coax



ST-HD-CVR Features:

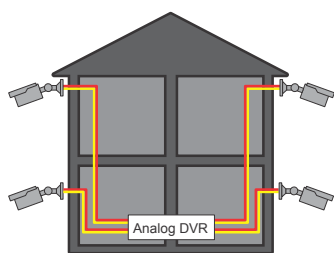
- HD Quality video over existing coaxial cable
- 1080p Real time viewing
- 720p Recording @ 30FPS
- 1080p Recording @ 15FPS
- 1 VGA and 1 HDMI video output
- Supports mobile monitoring / management
- Available in 4, 8, or 16ch models
- 16 Channel unit supports analog, HD-CVI & HD-IP
- Two year limited warranty



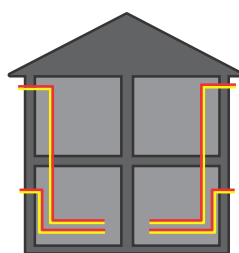
SecurityTronix is thrilled to announce the release of the groundbreaking HD-COAXINATOR™ series of high definition cameras and digital video recorders. This series allows for stress-free installs by utilizing the same coaxial cable, connectors, and power plugs as a traditional analog CCTV system. The HD-COAXINATOR™ series is priced like analog and delivers HD resolutions like IP, but without video latency or other difficulties found when dealing with IP based systems. Integrators can easily upgrade existing systems from analog to HD by simply replacing the old DVR and analog cameras with the HD-COAXINATOR™ cameras and CVR digital video recorder. Installers can quickly install new HD systems without the need for IP wiring or the complexity involved in setting up a network. The HD-CVI technology used in the SecurityTronix HD-COAXINATOR™ provides resolution, color depth, and image recognition that analog cameras are incapable of matching. Other more expensive HD over coax products on the market today have a limited transmission distance. The HD-COAXINATOR™ overcomes this limitation using new breakthrough technology to extend signal transmission distance, with virtually no deterioration in picture quality. SecurityTronix has researched and developed a quality, plug and play, cost effective HD solution that makes sense.

HD-COAXINATOR™ replaces analog and HD-SDI

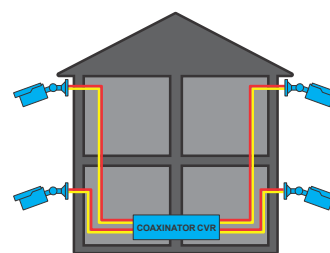
Update your properties from analog to HD in just a few hours with **SECURITYTRONIX™** HD-COAXINATOR™



Property with existing 12VDC analog CCTV system



All wiring is reused for both power and video

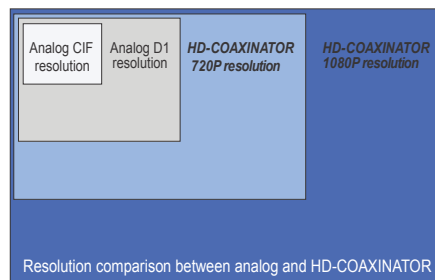


Install new HD-COAXINATOR cameras and CVR

The HD-CVI technology used in the SecurityTronix HD-COAXINATOR provides resolution, clarity and natural colors that traditional analog CCTV cameras are unable to match.

Competitor's cameras with HD-SDI technology can provide the same 720P & 1080P resolutions which COAXINATOR provides, however they suffer from significantly higher cost, limited cable runs and do not have the ability to send PTZ control data over the same coax cable used for video.

	Max Record Resolution (D1)	Audio Over Coax?	Data/PTZ Over Coax	Maximum Cable Length	Average Price Point
HD-COAXINATOR™	1920 x 1080	YES	YES	1650 ft	\$\$
HD-SDI	1920 x 1080	YES	NO	330 ft	\$\$\$
Analog	720 x 480	NO	NO	750 ft	\$



Ordering Information:

ST-HD-CVR4CH-V2	Four Channel HD CVR Recorder
ST-HD-CVR8CH-V2	Eight Channel HD CVR Recorder
ST-HD-CVR16CH-V2	Sixteen Channel Tribrid HD CVR Recorder

WDC5000AVDS	500GB Hard drive
WD10EURX	1TB Hard drive
WD20EURS	2TB Hard drive
WD30EURX	3TB Hard drive
WD40PURX	4TB Hard drive



High Definition Digital Video Recorder for HD Over Coax



ST-HD-CVR4CH-V2

ST-HD-CVR8CH-V2

ST-HD-CVR16CH-V2

System

Main Processor	Embedded processor
Operating System	Embedded LINUX

Video

Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	HDCVI	1080P/720P HDCVI Camera		1080P/720P HDCVI Camera
	IP	1080P/720P/D1/CIF IP Camera		1080P/720P/D1/CIF IP Camera
	Analog	N/A		NTSC(525Line, 60f/s), PAL(625Line, 50f/s)

Audio

Input	1 channel, RCA	4 channel, RCA
Output	1 channel, RCA	
Two-way Talk	Reuse audio input/output channel 1	

Display

Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600
Display Split	1/4 1/4/8 1/4/8/16
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Video/Audio Compression	H.264/G.711
Resolution	1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)
Record Rate	Main Stream: 1080P(1~12/15fps)/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)
	Extra Stream: CIF/QCIF(1~25/30fps), D1(1~12/15fps)
Bit Rate	48~4096Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank	
Alarm Input	N/A	16 channel
Relay Output	N/A	3 channel

Playback & Backup

Sync Playback	1/4 1/4/8 1/4/9/16
Search Mode	Time/Date, MD & Exact search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Internal SATA burner/Network

Network

Ethernet	RJ-45 port (10/100M) RJ-45 port (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone

Storage

Internal HDD	1 SATA port, up to 4TB 2 SATA ports, up to 8TB
--------------	--

Auxiliary Interface

USB Interface	2 ports(1 Rear), USB2.0
RS485	1 port, For PTZ Control

General

Power Supply	DC12V/2A DC12V/5A
Power Consumption	10W(without HDD) 15W(without HDD)
Working Environment	-14°F - +131°F / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	Mini 1U, 12.8" x 10.0" x 2.2" 1U, 14.8" x 11.25" x 2.2"
Weight	3.3 lbs. (without HDD) 5.2 lbs. (without HDD)