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with compelling value

CT-HDVD-EXT-IR230

HD & Infrared Control Over a Single Cat5e / 6

Features:

- Distributes HDMI signal over a single Cat5e or Cat6 4 Pair cable
- Extends transmission distance up to 230' from sources up to 1080p
- No settings or adjustments required
- Uses a single UTP LAN cable (CAT-5e / 6)
- UTP cable termination follows the standards of IEEE-568B
- Auto-adjustment of feedback, equalization & amplification
- HDMI V1.4 supported
- HDCP compliant
- Supports 1080p @ 60Hz @ 48 b/pixels, 3D and 4Kx2K
- LED indicators indicate power and video signal status
- Internal ESD protection
- Mounting ears included
- Supports two way Infrared control signals
- Units can be cascaded.



Description:

The CT-HDVD-EXT-IR230 kit has the ability to transmit and receive a 1080p HD source up to 230 feet along with Infrared control over a single Cat5e / Cat6 4 Pair UTP Cable. With a single low cost CAT-5e/6 cable, users can readily extend HDTV sources from DVD players, PS3, PC, and many other sources compliant with TMDS to distant display monitors including HD enabled TV sets or LCD PC monitors. This cost effective flexibility allows HDCP compliant DVD players or PS3 to transmit high quality video and audio with a greater distance at a minimal cost.

The transmitting unit is used to capture the input HD signal and carries the signal over a single RJ-45 connector through the Cat-5e / 6 cable. The receiving unit is responsible for receiving and equalizing the transmitted TMDS multimedia data.

Specifications:

Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Video Format Supported	DTV/HDTV: 1080p/1080i/ 720p/576p/480p/576i/480i
Output Video	HDMI 1.4+HDCP
Output Audio	Support DTS-HD, Dolby-HD
Maximum Transmission Distance	
Video format up to 1080p 60Hz 36bpp	Up to 230 Feet using Cat6a/Cat7 Up to 197 Feet using Cat5e/Cat6
Video format up to 1080p 60Hz 48bpp	
1080p 60 Hz 3D/4K2K 30 Hz 24 bpp	Up to 130 Feet using Cat6a/Cat7 Up to 115 Feet using Cat5e/Cat6
Operating Temperature Range	-41°F to +95°F
Operating Humidity Range	5 to 90 % RH (no condensation)
Power Supply	18VDC
Power Consumption Transmitter	2.5 Watts (Max.)
Power Consumption Receiver	5 Watts (Max.)
Dimensions	4.14"W × 2.99"H × 1.06"D
Weight	1.54 lbs

Package Contents:

- 1 Base transmission unit
- 1 Base receive unit
- 2 Mounting ears (2 Pair)
- 1 Operating Instructions
- 1 18VDC power supply
- 1 IR emitter cable
- 1 IR target cable

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