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CT-HDVD-HDCX-IR HD Over a Single Coaxial Cable

Features:

- Distributes HDMI signal over a single coaxial cable
- Extends transmission distance up to 2,300' from sources up to 1080p
- Uses a single coaxial cable
- Supports 1080p @ 60Hz
- LED indicators
- Strong anti-interference ability
- Can be used as one transmitter to one receiver, one transmitter to multiple receivers or multiple transmitters to multiple receivers
- Link distance is dependent upon cable type (RG-6, RG-7, RG-11 etc.) and frequency/channel setting
- Supports IR switching at the receive unit



Description:

The CT-HDVD-HDCX-IR has been designed to convert HDMI signals for transmission over 75 Ohm RF coaxial cable such as RG-6, RG-7 or RG-11. The transmitter uses a 64QAM mode to achieve long distance transmission with minimal signal degradation. A source can easily be set up for a single one to one link, one to many link or many to many link using standard 1 GHz RF splitters. Using a single low cost coaxial cable, users can readily extend HDTV sources from DVD players, PS3, computers and many other sources to distant display monitors including HD enabled TV sets or LCD PC monitors. With the advantage of excellent image quality and strong resistance to interference this model is idea for CCTV, digital signage, media education or any other application that requires an HDMI source to be located a long distance from the viewing panel or panels.

There are 100 channels (0 - 99), selected with 2 buttons. Connection between a transmit device and a receive device is only possible when both devices are set to the same channel. The IR remote is used solely to change the receive channel of the receive device at the TV. This channel selection is for the receivers only, and is not passed across the coax to the transmitter(s).

Specifications:

HDMI Signal	Fully compatible with HDCP
HDMI DDC Signal	5Vp-p (TTL)
HDMI Input/Output Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
HDMI Graphics Resolution	1280 x 720@60Hz, 1920 x 1808@60Hz
Video Encoding	H.264
Audio Encoding	MPEG2
Coaxial Cable	RG6/RG7/RG11
Frequency Range	100 - 1000 MHz
Effective Bit Rate	31.6Mbits Maximum
Insertion Loss	<2dBm
RF Transmitter Output Consumption	+0dBm
RF Receiver Sensitivity	See Instructions
RF Interface	Imperial System (75 Ohm, Type F)
Transmission Delay	500ms
Power Supply	DC5V/1A
Transmitter Power Consumption	<3.5W
Receiver Power Consumption	<3W
Housing Material	Metal
Dimensions (L x W x H)	5.12" x 3.15" x 0.87" (130mm x 80mm x 22mm)
Transmitter Weight	0.37 lbs. (167g)
Receiver Weight	0.37 lbs. (169g)
Housing Color	Black

CT-HDVD-HDCX-IR

Package Contents:

- 1 Base transmission unit
- 1 Base receive unit
- 2 5VDC power supply
- 1 IR Target cable
- 1 Remote control
- 1 Battery
- 1 Instruction manual

CT-HDVD-HDCXIR-RX

Package Contents:

- 1 Receive unit
- 1 5VDC power supply
- 1 IR Target cable
- 1 Remote control
- 1 Battery
- 1 Instruction manual

Ordering Information:

- CT-HDVD-HDCX-IR HDMI Over coax transmitter and receiver set
- CT-HDVD-HDCXIR-RX HDMI Over coax additional receive unit

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