CHE-HDBT300U
4K HDBaseT 2.0 Extender up to 330ft with USB

Product **Overview**

Comprehensive's CHE-HDBT300U HDBaseT 2.0 Extender with USB can extend your uncompressed HDMI signal up to 330ft to a compatible display. This HDBaseT Extender features full 5Play and USB convergence allowing the transmission of Video, Audio, Control (Bi-Directional IR/RS-232), Power over Ethernet (PoE) and LAN serving (Ethernet). Supports HDCP 2.2 for video signals up to UHD 4k@60Hz (YCbCr 4:2:0), including 1080p@60Hz. With LAN serving connection and external digital and analog audio capability that gives users the convenience of additional audio connection. It also supports the connection of a USB host and 2 USB device ports, that can control the Source on the Sink side 330ft away. The transmitter or receiver can be powered by the 24V@1A PoE function with only one power cable, allowing for greater flexibility in installations.
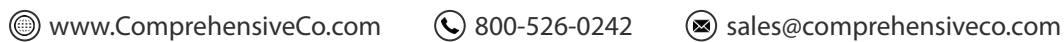

Features

- Send uncompressed 4K2K@60Hz (YCbCr 4:2:0) video, audio, USB and IP data over a CAT5e/6/7 cable up to 330ft
- HDCP 2.2 compatible
- Supports HDBaseT 2.0 specification over a single CAT5e/6/7 cable up to 330ft
- Full HDBaseT 5play features include Video, Audio, Control (IR or RS-232), Power, and an Ethernet connection
- Supports pass-through of HD audio formats: LPCM2/5.1/7.1 CH, Dolby Digital, DTS, Dolby TrueHD, DTS-HD Master Audio and more
- POE (Power Over Ethernet) function support, from either TX or RX powered 24V@1A
- Supports USB 2.0 control
- Supports external Bi-Directional SPDIF IN/OUT and available for multichannel audio
- Supports stereo audio with PCM 2CH
- Supports Bidirectional Infrared and RS232 control
- 3 Year Warranty

Specifications

Video Bandwidth:	Up tp 10.2Gbps
Transmitter Input Ports:	1x HDMI, 1xLAN, 1xUSB-H, 1xIR in, 1x Audio in, 1xRS232, 1xOptical (Spdif in) and Output Ports: 1xIR out, 1xOptical (Spdif out), 1xHDBaseT OUT, 2xUSB-D
Receiver Input Ports:	1xIR in, 1xOptical (Spdif in), 1xHDBaseT IN, 1xUSB-H and Output Ports: 1x HDMI, 1xLAN, 2xUSB, 1xIR out, 1x Audio out, 1xRS232, 1xOptical (Spdif out)
Power Supply:	DC 24V 1A
ESD Protection:	±8kV (air-gap discharge) Human Body Model: ±4kV (contact discharge)
Dimensions:	6.3" (160mm)(W) X 3.8" (97mm) (D) X 1.1" (28mm) (H)
Weight:	2 lbs
Power Consumption (Max):	12W
Warranty:	3 Years

Transmitter

Power Supply

PC

CAT5e/6

Internet Modem or Router

IR TX   IR RX

Optical fiber

DVD or Blu-ray Player

HDMI

CAT5e/6

IR RX

TV

HDMI

IR TX

Optical fiber

CAT5e/6

Amplifier

Power Supply

NOTEBOOK

Receiver

Mouse

Keyboard

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