



Pro AV/IT 4K (18Gbps) HDBaseT™ Extender Kit, 230ft with PoC, RS232, HDCP 2.2

Comprehensive's HDBaseT™ extender supports 18G Ultra-High-Definition (UHD) 4K@60Hz 2160p and can extend HDMI signals up to 230ft to a compatible display. The kit is designed to convert a full HDMI signal to a standard HDBaseT™ signal which can be conveniently transmitted over a single Ethernet (Cat5e or higher) cable. It also supports bi-directional POC so there is no need to run additional power. The kit also includes two IR receivers and two transmitters, allowing for bidirectional infrared control of a connected HDMI source and display.

Comprehensive's HDBaseT™ Extender Kit is perfect for showroom displays, lecture halls, retail sales displays, and anywhere in between. All components are RoHS Compliant and come with a 3 Year Hassle-Free Warranty.



Features

- HDMI 2.0b (18Gbps), HDCP 2.2 and DVI compliant
- Video Resolutions up to 4K@60KHz (YUV 444)
- Bi-Directional POC; either TX or RX is powered by included power supply
- 10-bit HDR pass through
- HDMI High Bit Rate (HBR) audio pass through
- CEC bypass
- LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
- Transmission Distance (Cat6): 4K60 444 up to 40m, 1080p 60 up to 70m
- Kit includes Transmitter and Receiver
- RoHS Certified
- 3 Year Warranty

Specifications

Video Bandwidth: 18Gbps

Video Resolutions: up to 4K2K@50/60Hz (YUV4:4:4)

HDMI Compliance: HDMI 2.0b

HDCP Compliance: 2.2 / 1.4

Color Space: RGB, YCbCr 4:4:4, YCbCr 4:2:2

Color Depth: 10-bit, 12-bit

HDMI Audio Formats: (pass-through): LPCM 2/5.1/7.1 CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X

Optical Audio Formats: LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH

Transmitter Inputs: 1xHDMI, 1xIR (3.5mm stereo mini-jack), 1xRS232 (phoenix connector), 1xMini-USB (service)

Transmitter Outputs: 1xHDBaseT™ (RJ45), 1xIR (3.5mm stereo mini-jack)

Receiver Inputs: 1xHDBaseT™ (RJ45), 1xIR (3.5mm stereo mini-jack), 1xRS232 (phoenix connector), 1xMini-USB (service)

Receiver Outputs: 1xHDMI, 1xIR (3.5mm stereo mini-jack)

Housing: Metal enclosure

Dims: 157mm (W) x 90mm (D) x 20mm (H)

Weight: 333g (0.7lbs)

Power Supply: AC100-240v 50/60Hz (input), DC 24V/1A (US/EU standards, CE/FCC/UL certified)

Power Consumption: 24W (max) - *POC power consumption <10W

Operating Temperature: 32 - 104°F / 0 - 40°C

Storage Temperature: -4 - 140°F / -20 - 60°C

Relative Humidity: 20 - 90% (non condensing)

Warranty: 3 Years

CHE-HDBT2010 - Pro AV/IT 4K (18Gbps) HDBaseT™ Extender Kit, 230ft with PoC, RS232, HDCP 2.2