



Pro AV/IT HDBaseT™ 4K60 18G Single Gang Wall Plate Extender Kit with HDMI, VGA, Audio up to 230ft

Extend 4K HDMI, Audio & USB Signals up to 330ft

Comprehensive's CHE-HDBTWP110K Wall Plate Extender kit is an HDMI and VGA switch with audio embedding and HDBaseT output. This Transmitter can send uncompressed high-definition video/ audio over a single cable up to 330ft at 1080p@60Hz. The HDMI input supports resolutions up to 4K@60Hz (4:4:4, 8-bit) for distance of 230 ft and the VGA input supports resolutions up to 1920x1200. This single gang wall plate is designed for use with U.S. single-gang sized enclosures.

Auto-Switch Video Ports and Hot-Pluggable Connection Makes Connecting Easy

Automatic input detection between the HDMI and VGA inputs with hot plug detection is supported, enabling easy, hands-free operation. A multi-function button on the face of the unit provides access to information OSD as well as allowing manual input selection when preferred or necessary.

PoH (Power Over HDBaseT) Capability Means Additional Flexibility

This Transmitter may be powered locally or via 48V PoH from the HDBaseT Receiver (PSE), which allows for greater flexibility in installations.

Versatility and Control at Your Fingertips

The unit can be controlled via the front panel button with OSD, WebGUI, Telnet, and RS-232 making it exceptionally versatile. When connected to the Receiver, additional functionality such as EDID management, HDCP management and basic signal event automation (via RS-232 or CEC) also becomes accessible.

Quality You Can Count On

Since 1974, Comprehensive has been manufacturing the highest quality commercial grade solutions for AV and IT professionals. The CHE-HDBTWP110K extender kit continues that tradition with high end materials, components and quality control to ensure years of worry-free use.

Features

- HDMI 2.0 and HDCP 2.2 compliant
- HDMI, VGA with 3.5mm mini-jack audio input
- Wall plate is designed for US one-gang sized enclosures
- Supports HDMI input resolutions up to 4K@60Hz (4:4:4, 8-bit)
- Supports VGA input resolutions up to 1920 x 1200
- Analog stereo audio may be embedded with VGA or HDMI source
- HDBaseT output supports resolutions up to 4K@60Hz (4:2:0, 8-bit) with automatic color space conversion of 4K@50/60Hz (4:4:4, 8-bit) or 4K@any (10/12-bit) sources
- Simultaneous transmission of uncompressed video, audio and data over a single 100m/328ft Cat.5e/6/7 cable at 1080p/60 and 70m/230ft at 4K
- Supports CEC bypass
- User activated information OSD
- Unit may be powered locally or via 48V PoH from the HDBaseT Receiver (PSE)
- Supports manual input selection or automatic input selection with hot plug detection
- Basic signal event automation (via RS-232 or CEC w/ compatible Receiver)
- USB port supports firmware update and powering of 5V/500mA devices
- Front panel LEDs indicate HDCP mode, input source, and power
- Controllable via a multi-function front panel button with OSD, or via WebGUI, Telnet, and RS-232
- 1-Gang Wall plate is designed for US one-gang sized enclosures
- TAA Compliant
- 3 Year Warranty



CHE-HDBTWP110K



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Specifications

Performance & Resolution

Audio Formats Supported: LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD
 CEC: Yes
 Color Bit Depth: 10-bit, 12-bit
 Color Space: RGB/YCbCr 4:4:4, YCbCr 4:2:2
 Data Speed (bandwidth): 18 Gbps
 Distances Supported: 4K@60Hz – 70M (230 feet)
 1080p@60Hz – 100M (330 feet)
 HDCP Version: 2.2 version
 Baud Rate: Up to 115200bps
 Resolution and Refresh Rate: HDMI : 4K2K@60Hz(YUV4:4:4)
 VGA : 1080P 3D@60hz
 Signal Technology Versions: HDMI 2.0

Connections

Inputs:
 Transmitter:
 o HDMI Type A [19-pin female] x 1
 o VGA (15-pin female) x 1
 o USB Type A x 1
 o 3.5 mm Audio Port x 1
 Receiver:
 o HDBaseT In (RJ-45) x 1
 o 3.5 mm Audio Port x 1
 Outputs:
 Transmitter:
 o HDBaseT In (RJ-45) x 1
 Receiver:
 o HDMI Type A [19-pin female] x 1
 o VGA (15-pin female) x 1
 o USB Type A x 1
 o 3.5 mm Audio Port x 1

Environmental

Humidity: 20–90% RH
 Operating Temperature: 32°F–104°F
 Storage Temperature: -4°F–140°F

Power & Electrical

Input Voltage: AC100 - 240V 50/60Hz
 Output Voltage: 12V/3A DC
 P.O.H: Yes
 Power Consumption (In Watts): 20 Watts

Physical Characteristics

Color: Black
 Dimensions: (W x H x D) TX: 4.9" x 2.8" x 1.8"
 RX: 9.12" x 0.98" x 4.25"
 Housing Material: Metal housing
 Packaging: Brown carton box
 ESD Protection: Human Body Model:
 ±12kV (Air Discharge)
 ±8kV (Contact Discharge)

Regulatory

Device
 CE: Yes
 Prop 65 Compliant: No
 Rohs Compliant: Yes
 Power Supply
 CE: Yes
 Prop 65 Compliant: No
 Rohs Compliant: Yes
 UL: Yes

Warranty

3 Years

Weight (Shipping)

.45lbs

What's In The Box

HDMI over HDBaseT Wallplate Transmitter x 1
 HDMI over HDBaseT Receiver x 1
 Single-Gang faceplate x 1
 Faceplate screws x 2
 2-pin Terminal Block x 1
 IR Blast Cable x 1
 IR Extender Cable x 1
 48V/0.83A DC Power Adapter x 1
 Power Cord x 1
 User Manual x 1

UPC

808447081756

HDBASET EXTENDER

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