



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

Ultra High Definition 4K2K@60 (4:4:4) Signals Can be Transmitted up to 130ft

Comprehensive's CHE-HDBTWP100K Wall Plate Extender kit is the perfect extension solution for applications requiring 18G HDMI signals to be extended over long distances. This Wall Plate Extender features state of the art HDBT technology, allowing it to transmit up to 4K2K@60 (4:4:4) video over a single CAT6/6a/7 cable up to 130ft. This power-house extender ensures users always receive a brilliant, UHD signal, even when over 100ft away!

High Definition HDMI Audio/Video Can Be Transmitted Up to 230ft

Not only can the CHE-HDBTWP100K Wall Plate Extender kit transmit full 4K2K@60 (4:4:4) video over a single CAT6/6a/7 cable up to 130ft, it can also transmit 1080p up to 230ft. This makes the Comprehensive CHE-HDBTWP100K a very versatile workhorse for all your UHD and HD extension needs.

PoC (Power over Cable) Provides Added Installation Flexibility

The CHE-HDBTWP100K extender kit also supports Power over Cable (PoC) functionality that allows for greater flexibility in installation environments. It also supports two-way IR and RS-232, making this product extremely versatile and a great solution for your next installation.

Quality You Can Count On

Since 1974, Comprehensive has been manufacturing the highest quality commercial grade solutions for AV and IT professionals. The CHE-HDBTWP100K 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
- Supports resolutions up to 4K2K@60Hz(4:4:4), 4K2K@30Hz, 1080p@120Hz
- Up to 7.1 channels HD audio
- HDBaseT™ over a single CAT 6/6a/7 cable up to 230ft/70m distance
- One HDMI input, 1 Gang US Decora Wall Plate
- Two-way IR and RS-232
- POC (Power Over Cable) function is supported by 24V1A power supply, the transmitter does not need power supply from the DC jack
- Power consumption is less than 10W
- Vinyl white decora plate
- 3 Year Warranty



CHE-HDBTWP100K



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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: 230 feet
 HDCP Version: 2.2 version
 HDR
 Resolution and Refresh Rate: 4K2K@50/60Hz(YUV4:4:4), 4K2K@30hz, 1080P@120hz, and 1080P 3D@60hz
 Signal Technology Versions: HDMI 2.0

Connections

Inputs:
 Transmitter:
 o HDMI Type A [19-pin female] x 1
 o IR INPUT [Phoenix jack] x 1
 o RS-232 [Phoenix jack] x 1
 Receiver:
 o HDBaseT In (RJ-45) x 1
 o IR x 1
 o RS232 x 1
 o Service (Mini-USB) x 1
 Outputs:
 Transmitter:
 o HDBaseT In (RJ-45) x 1
 Receiver:
 o HDMI x 1
 o IR x 1

Environmental

Operating Temperature: 0 - 70°F
 Storage Temperature: 32 - 104°F

Physical Characteristics

Color: Black
 Dimensions (W x H x D): 6.8" x 8.7" x 1.5"
 Housing Material: Metal housing
 Packaging: Brown carton box

Power & Electrical

Input Voltage: AC100 - 240V 50/60Hz
 Output Voltage: DC 24V/1A
 P.O.C: Yes
 Power Consumption (In Watts): < 10 Watts

Regulatory

Device
 CE: Yes
 Prop 65 Compliant: Yes
 Rohs Compliant: Yes
 UL: Yes
 Power Supply
 CE: Yes
 Prop 65 Compliant: Yes
 Rohs Compliant: Yes



Warranty

3 Years

Weight (Shipping)

1lb

What's In The Box

18G HDMI Wall Plate Transmitter x 1
 Single-Gang faceplate x 1
 Faceplate screws x 2
 HDMI 18Gbps Receiver x 1
 IR Blast Cable x 1
 IR Extender Cable x 1
 Phoenix connector(3 pins) x 2
 Phoenix connector(2 pins) x 2
 24V/1A Power Adaptor x 1
 User Manual x 1

UPC

808447081749

HDBASET EXTENDER

CHE-HDBTWP100K