



HDBASET EXTENDER

Pro AV/IT HDBaseT™ 4K Single Gang HDMI + USB-C, USB 2.0 and Audio Wall Plate Extender Kit up to 230ft

Extend 4K HDMI, Audio and USB 2.0 High Speed Signals over a Single UTP Cable up to 230ft Comprehensive's CHE-HDBTWP125MC is a 2x1 Wall Plate Extender with HDMI and USB-C inputs. The USB-C input provides an ideal AV interface for connecting with new Apple® notebooks and Windows® PC's, as well as smartphones and tablets. Supports video resolutions up to 4K@60Hz 4:4:4. The transmitter is remotely powered by the receiver or other HDBaseT®-equipped devices via PoE that can be extended up to 230ft over Cat5e/Cat6.

Easy Plug & Present

Just plug-in and present with a USB-C or HDMI source. Modern meetings depend on mobile devices, having easy, instant connections to save time and increase efficiency.

Supports 4K HD Video up to 4K@60Hz (4:4:4) 18G

This versatile USB/HDMI extender can transmit 4K resolutions up to 4K@60Hz, 4:4:4 up to 131ft and 1080P@60Hz up to 230ft, making it perfect for classrooms, meeting rooms, huddle spaces and other AV installations.

A Must Have Device for Every AV Space

Ideal for use in court rooms, classrooms, conference rooms and anywhere audio-visual devices can be extended from a remotely located HDMI source device.

Reliable Auto-Switching

The Comprehensive CHE-HDBTWP125MC features automatic or manual switching between connected sources (HDMI and USB-C), with the USB-C supporting alt-mode functionality allowing a portable device such as a tablet or phone to be connected and send its content at up to 4K@60Hz. HDCP 2.2 is also supported for the transmission of encrypted content.

USB 2.0 Pass-Through

The CHE-HDBTWP125MC offers not only KVM functionality for extension of a keyboard/mouse or touchscreen, but also full data transfer capabilities. The transmitter has a USB host port allowing USB device data to be routed into the selected laptop (via HDMI). Going further, it can send USB device data natively through the USB-C port allowing a single cable to be used for A/V and USB device connectivity.

Compatible with Most Major Active Panels & Whiteboards

This USB extender supports touch functionality for use with most of the major active panels and whiteboards on today's market.

Charge Your Laptop, Tablet or Phone While You Present

The Comprehensive CHE-HDBTWP125MC allows up to 40W of power via the USB-C input when you plug a power delivery charger into the USB-C charge port. Allowing you to charge your Apple® notebooks, Windows® PCs, as well as smartphones and tablets, while you are presenting and video conferencing.

Quality You Can Count On

Since 1974, Comprehensive has been manufacturing the highest quality commercial grade solutions for AV and IT professionals. The CHE-HDBTWP235MC extender kit continues that tradition with high end materials, components and quality control to ensure years of worry-free use. All components are backed by Comprehensive's 3 Year Warranty, so you can be assured of guaranteed reliability.



CHE-HDBTWP125MC



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Features

- Compliant with HDMI 2.0b, HDCP 2.2 and DisplayPort 1.2a
- Supports 18Gbps video bandwidth
- Video resolutions up to 4K@60Hz 4:4:4
- HDBaseT® output can extend video transmission distance up to 230ft / 70m for 1080P or 131ft / 40m for 4K via a single cat5e/6/7 cable
- Supports HDR10 and HDR10+
- Audio formats support Dolby® Atmos, TrueHD, Digital+, Digital; DTS X, HD Master Audio, HD High Resolution Audio, 5.1; PCM 2-8Ch
- Supports HDMI and USB-C input
- US one-gang housing for Decora-style wall plate openings
- Input selection supports automatic mode and manual mode
- USB2.0 extension with Receiver
- Remotely powered via PoE
- USB-C charging port
- 3 Year Warranty

Applications

- Complete system applications: The CHE-HDBTWP125MC provides a compact, yet comprehensive and cost-effective integration solution.
- Larger system applications: The CHE-HDBTWP125MC is ideal for extending AV connectivity from a central equipment rack to lecterns as well as remote wall and floor box locations, where presenters can easily access the system.
- Auditoriums and lecture halls: The CHE-HDBTWP125MC can be used for presenting 4K video content through the projector, while also optimizing for a 1080p confidence monitor.
- Huddle spaces
- Conference rooms
- Boardrooms
- Hotel event spaces
- Houses of worship

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Specifications

I/O Connections

- Transmitter**
- Inputs:
- 1x HDMI Type A [19-pin female]
 - 1x USB-C
- Outputs:
- 1x HDBaseT Out [RJ45, 8-pin female]
 - 1x USB-C (only for charging)
- Control:
- 1x USB-B [Micro USB, Update port]
- Receiver**
- Inputs:
- 1x HDMI IN [Type A, 19-pin female]
 - 1x HDBaseT IN [RJ45, 8-pin female]
 - 1x 5.5 mm OD, 2.6 mm locking connector
- Outputs:
- 1x HDMI OUT [Type A, 19-pin female]
 - 1x AUDIO OUT [Phoenix jack]
- Control:
- 2x USB [USB A TYPE]
 - 1x FW [Micro USB, Update port]

Power & Regulatory

- Power Input: 24V DC 1A
- ESD Protection: Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
- Regulatory: FCC, CE, RoHS Compliant
- Prop 65 Compliant: No

Chassis and Environmental

- Construction: Metal Enclosure
- Color: White/Black
- Dimensions
- Wallplate: 33mm [W] x 65mm [D] x 68mm [H]
- Faceplate: 70mm [W] x 3mm [D] x 114mm [H]
- Receiver: 200mm [W] x 98mm [D] x 23mm [H]
- Operating Temperature: 32 - 104°F / 0 - 40°C
- Operating Humidity: 20 - 90% RH (no condensation)
- Storage Temperature: -4 - 140°F / -20 - 60°C

Technical

- HDMI Compliance: HDMI 2.0b, DisplayPort 1.2a
- HDCP Compliance: HDCP 2.2
- Video Bandwidth: 18 Gbps
- Video Resolution: 4096x2160@24/25/30/50/60Hz, 3840x2160@24/25/30/50/60Hz, 2048x1080p, 1080p@23.98/24/25/29.97/30/50/59.94/60Hz, 1080i@50/59.94/60Hz, 720p@50/59.94/60Hz, 576p, 576i, 480p, 480i
- Video Resolution (VESA): 2560x2048, 2560x1600, 2048x1536, 1920x1200, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1366x768, 1360x768, 1280x1024, 1280x800, 1280x768, 1152x768, 1024x768, 800x600, 640x480
- Color Space: RGB, YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0
- Color Depth: 8/10/12-bit
- HDR: HDR10, HDR10+
- HDMI Audio Formats: Dolby Atmos, TrueHD, Digital+, Digital; DTS X, HD Master Audio, HD High Resolution Audio, 5.1; PCM 2-8Ch
- Transmission
- Distance: Max distance (1080p) : 230ft / 70m over CAT6/6a/7
- Max distance (4K): 131ft / 40m over CAT6/6a/7

What's In The Box

- Single-gang Wallplate Transmitter 1x
- Receiver 1x
- Power Supply (24V) 1x
- Wallplate face plate with screws 1x
- User Manual 1x

Other

- Diagnostic Indicators: Power and Status

Warranty

- 3 Years

UPC

- 808447082616

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