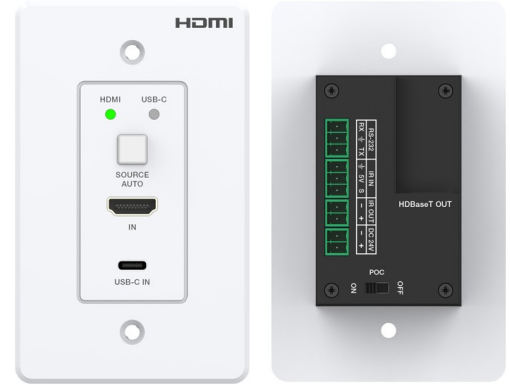


Long-Reach 2×1 HDMI & USB-C HDBaseT Wall Plate Extender Kit — 4K60 4:4:4

Drive a Display Up to 120m Without an AV-over-IP Encoder or Network Switch — Uncompressed 18Gbps, HDR10+/Dolby Vision & Bi-Directional PoC

MPN: WP-EXTHDTC150



The WP-EXTHDTC150 carries an uncompressed 4K60 4:4:4 signal from a wall plate to a display up to 120m over a single CAT6/6A cable, with no AV-over-IP encoder, decoder or network switch to commission. A transmitter in a single US 1-gang box takes one HDMI and one USB-C source with automatic or manual switching, a compact box receiver drives the display, and bi-directional PoC powers whichever end has an outlet over the link cable. Reach runs to 120m (394 ft) at 4K60 4:4:4 and 150m (492 ft) at 1080p, making it the right choice for large lecture halls, houses of worship, courtrooms, ballrooms and estate-scale residential where the length of the run — not USB or KVM extension — is the constraint that defeats a shorter-reach plate.

The link passes 18Gbps of uncompressed HDMI 2.0b video with HDR, HDR10, HDR10+, Dolby Vision and HLG intact, alongside LPCM 7.1, Dolby TrueHD and DTS-HD Master Audio, and de-embeds analog stereo at the receiver for a local audio tie-in. Bi-directional IR, RS-232 and CEC pass through the cable so the control system can operate source and display from either end. Its single strongest differentiator is reach at full picture integrity: it holds 4:4:4 color to 120m.

120m 4K60 4:4:4	18Gbps Uncompressed HDMI	HDR10+ Dolby Vision & HLG	PoC Bi-Directional 24V	2×1 HDMI + USB-C Auto-Switch
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KEY FEATURES

- Extends uncompressed 4K60 4:4:4 up to 120m (394 ft) and 1080p to 150m (492 ft) over a single CAT6/6A cable
- 18Gbps HDMI 2.0b, HDCP 2.2 compliant
- Dual input: 1× HDMI + 1× USB-C with auto and manual switching
- HDR, HDR10, HDR10+, Dolby Vision and HLG pass-through
- LPCM 7.1, Dolby TrueHD and DTS-HD Master Audio, plus 3.5mm de-embedded analog audio at the receiver
- Bi-directional IR, RS-232 and CEC control transmission
- Bi-directional PoC powers either end over the link cable
- 1-gang US wall-plate transmitter and box receiver in ESD-protected metal enclosures

SPECIFICATIONS

Video	4K60 4:4:4 · 18Gbps · HDR10+/Dolby Vision/HLG
HDMI / HDCP	HDMI 2.0b · HDCP 2.2
Reach	120m/394ft 4K60 · 150m/492ft 1080p (CAT6/6A)
Inputs	1× HDMI + 1× USB-C · auto/manual switch
Outputs	1× HDMI + 3.5mm de-embedded audio (RX)
Audio	LPCM 7.1 · Dolby TrueHD · DTS-HD Master Audio
Control	Bi-directional IR, RS-232 & CEC pass-through
Power	24V/1A · bi-directional PoC
Consumption	TX 4.5W max · RX 4.7W max
TX Dimensions / Weight	2.75 × 1.54 × 4.49 in · 0.45 lbs (203 g)
RX Dimensions / Weight	5.51 × 2.56 × 0.71 in · 0.34 lbs (155 g)
Enclosure	Metal · TX white+black / RX black
Package Contents	1× 4K60 2×1 HDBT Extender (Transmitter) · 1× 18Gbps HDMI-over-HDBaseT Extender (Receiver) · 1× 24V/1A multinational power supply · 1× IR blaster cable (1.5m) · 1× IR wideband receiver cable (1.5m) · 1× 2-pin 3.5mm Phoenix connector (male) · 2× 3-pin 3.5mm Phoenix connector (male) · 1× 3-pin 3.81mm Phoenix connector (male) · 2× mounting ear · 4× machine screw (KM3×4)



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