

FUNCTION *and* STYLE

ConferX™ by AVProedge

CONFERX LONG DISTANCE 150M HDMI™ WALL PLATE EXTENDER KIT

AC-CXWP-150-BKT and AC-CXWP-150-BKT-B

The AC-CXWP-150-BKT is a long-distance HDMI extender featuring a wall plate transmitter form factor based on the proven AC-EX150-BKT technology. This kit transforms the ultra-stable AC-EX150-BKT transmitter into a clean, wall-integrated solution that extends HDMI signals up to 150 meters for 1080p and 100 meters for 4K UHD over legacy Category 5e wire, splices, couplers, and punch-down blocks, the AC-CXWP-150-BKT enables integrators to deliver reliable 4K HDMI 2.0 signals (18 Gbps) to displays in retro-prohibitive locations without the significant cost of replacing legacy cabling. The wall plate form factor provides professional, clean installations ideal for conference rooms, classrooms, and residential retrofits.



APPLICATIONS



Conference Rooms and
Huddle Spaces



Education



Residential Retrofit



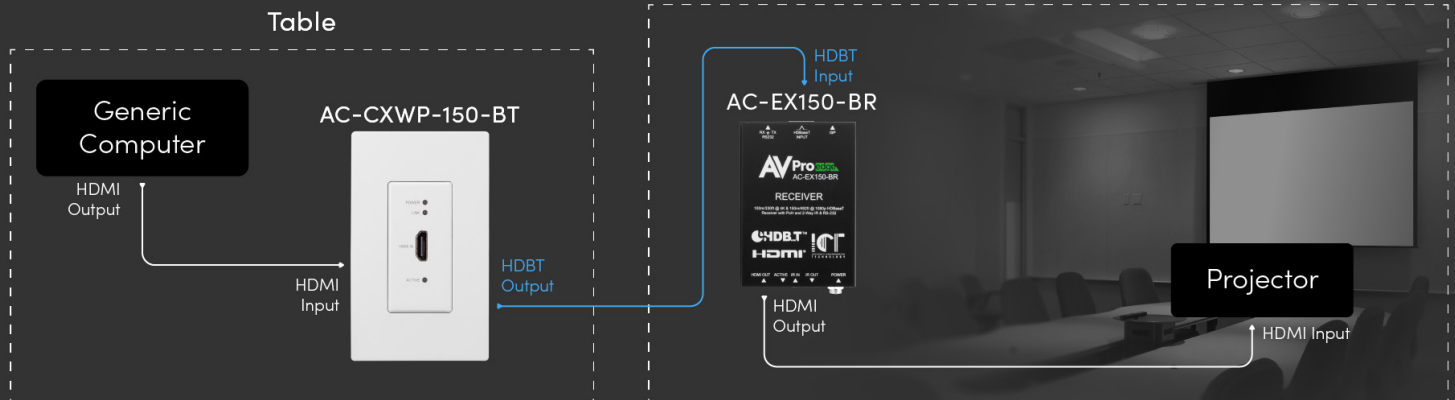
Hospitality



Enterprise Application

HDMI ———
CAT 5E ———

At Projector



SPECIFICATIONS

VIDEO	
Video Resolutions	Up to 4K 60 Hz 4:4:4
VESA Resolutions	Up to DCI 4K (4096x2160)
HDR Formats	Dolby Vision, HDR10, HDR10+, HLG
Color Space	YUV (Component), RGB (CSC: Rec. 601, Rec. 709, ITU R-BT.2020, DCI-P3-D65)
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
Deep Color	Up to 16-bit (1080p) Up to 12-bit (4K)
AUDIO	
Audio Formats Supported HDMI	PCM 2.0-Ch, LPCM 5.1 & 7.1, Dolby Digital, DTS 5.1, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio, DTS-X, Dolby Atmos
DISTANCE	
HDBaseT (CAT) Distance (4K)	100 meters / 330 feet (CAT6a)
HDBaseT (CAT) Distance (1080P)	150 meters / 492 feet (CAT6a)
HDMI Lead In/Out	Up to 50 feet (Using Bullet Train HDMI)
HDMI Lead In/Out (W/ AOC Cable)	Up to 130 feet (Using Bullet Train AOC)
OTHER	
Bandwidth	18 Gbps
CEC	Yes
HDCP	HDCP 2.3 and earlier
PORTS	
HDMI (TX & RX)	Type A
HDBaseT	RJ45 w/ PoH
RS-232 (RX Only)	3-Pin Terminal Block
Power (TX & RX)	TX: RJ45 w/ PoH RX: Barrel Type
ENVIRONMENTAL	
Operating Temperature	23 to 125°F (-5 to 51°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Humidity Range	5-90% RH (No Condensation)
POWER	
Power Consumption (Total)	16.8 W Maximum
Power Supply - Receiver	Input: AC 100-240V ~ 50/60 Hz Output: DC 24V at 0.7 A
PHYSICAL / DIMENSIONS	
Dimensions without faceplate (TX Only Height/Width/Depth)	mm: 53.98 x 31.8 x 53.98 inches: 2.13 x 1.25 x 2.13
Wall space	Single-gang
Compatible Box Types	Mud Rings, Stud Mount, Clamp Mount, Metal & Plastic Boxes, LV Boxes
Dimensions (RX Only Length/Width/Height)	mm: 100.1 x 68.33 x 22.4 inches: 3.94 x 2.69 x 0.88
Dimensions (Packaged Length/Width/Height) (Kit)	mm: 136.53 x 192.1 x 84.14 inches: 5.4 x 7.6 x 3.313
Weight (TX)	0.47 lbs. (0.213 kg)
Weight (RX)	0.42 lbs. (0.19 kg)
Weight (Packaged)	1.61 lbs. (0.73 kg)

*Specifications subject to change without notice. Mass & dimensions are approximate

KEY FEATURES

- Wall plate form factor with HDMI input for clean retrofit installations
- 150-meter 1080p / 100-meter 4K UHD extension capability
- Works with legacy CAT5e infrastructure including splices and punch-down blocks
- Supports 18 Gbps 4K HDMI 2.0 with HDR10 and Dolby Vision
- AVPro Edge ICT delivers artifact-free images over challenging infrastructure
- 4K to 1080p downscaling for mixed-resolution systems
- Configurable EDID management for stable signal delivery
- Bidirectional RS-232 and IR control pass-through
- PoH (Power over HDBaseT) from single power supply
- 10-year advanced-replacement warranty



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