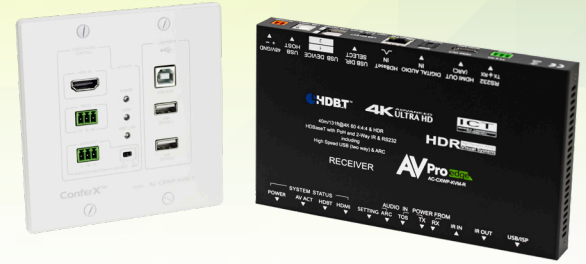# ConferX™

AVPro edge BY

AC-CXWP-KVM-KIT 40 METER (70M HD)

HDBaseT EXTENDER WALLPLATE WITH BI-DIRECTIONAL USB/KVM.

This dual gang, HDBaseT wallplate transmitter and receiver kit is a part of ConferX's line of professional audio video products. Installing this sleek transmitter is a breeze as it's built to fit in any standard dual gang mud ring.

The AC-CXWP-KVM-KIT is a 4K60 4:4:4 18Gbps supported HDBaseT wall plate extender kit over single CAT UTP/STP. This device can take in any HDMI signal and transfer it long distances; simultaneously, it's able to send a USB 2.0 signal (bi-directionally) through the same cable. This makes for the ideal solution for classrooms and conference rooms to work with modern laptops and desktop computers.

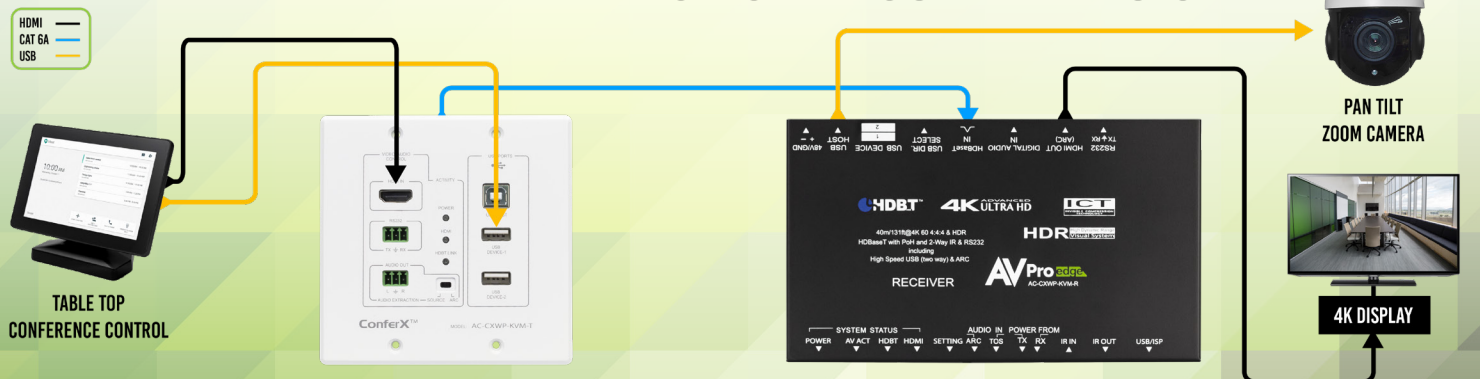Main Benefits for using the AC-CXWP-KVM-KIT from AVPro Edge:

- Connecting an Interactive Display/Smart Board to your desktop or laptop computer from across the room or building.
- For use as a KVM – to control remote computer via local keyboard and mouse.
- For extending USB for remote device control in PTZ cameras and other USB equipped devices.
- For use in retrofit jobs where category cable is available and re-engineering is not an option.
- For extending IR and RS232 to control devices at the TX and RX
- For use in returning Display/Projector audio signals to the TX for use in distributed audio matrix (ARC HDMI/SPDIF)
- For use in tough installs where advanced EDID management and troubleshooting tools (patterns) are necessary to dial in a signal – excellent results with even marginal repeaters and sink devices.
- For use with legacy 1080p projectors and display

Welcome to ConferX, the professional choice for video distribution solutions.

ConferX™
AC-CXWP-KVM-KIT
BI-DIRECTIONAL USB EXTENSION

HDMI
CAT 6A
USB

PAN TILT ZOOM CAMERA

4K DISPLAY

TABLE TOP CONFERENCE CONTROL

VIDEO	
VIDEO RESOLUTIONS	UP TO 4K 60HZ 4:4:4
VESA RESOLUTIONS	UP TO DCI 4K (4096x2160)
HDR FORMATS/RESOLUTIONS	420, 422, 444 (10 AND 12 DEEP COLOR) HDR10, HDR10+, DOLBY VISION (24/30 FRAMES), HLG
COLOR SPACE	YUV (COMPONENT), RGB (CSC: REC. 601, REC. 709, BT2020, DCI, P3 D6500)
CHROMA SUB-SAMPLING	4:4:4, 4:2:2, 4:2:0 SUPPORTED
DEEP COLOR	UP TO 16 BIT (1080), UP TO 12 BIT (4K)
DOWNSCALING	4K (AND HDR) DOWN TO 1080P
AUDIO	
AUDIO FORMATS SUPPORTED HDMI	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGTAL, DTS 5.1, DOLBY DIGITAL PLUS, DOLBY TRUEHD, DTS-HD MASTER AUDIO, DTS-X, DOLBY ATMOS
AUDIO FORMATS SUPPORTED EXTRACTED (TOSLINK)	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGTAL, DTS 5.1, DOLBY DIGITAL PLUS, DOLBY TRUEHD, DTS-HD MASTER AUDIO
ARC	YOU CAN SELECT TO EXTRACT AUDIO FROM ARC, OR FROM THE HDMI SOURCE
USB (SELECTABLE HOST)	
VERSION	USB 2.0
TX & RX	USB HOST = USB TYPE B (X1)
TX & RX	USB DEVICE = USB TYPE A (X2)
DISTANCE	
HDBASET (CAT) DISTANCE (4K)	40 METERS / 131 FEET (CAT 6A)
HDBASET (CAT) DISTANCE (FULL HD)	70 METERS / 230 FEET (CAT 6A)
HDMI LEAD IN/OUT (4K60 4:4:4)	UP TO 50 FEET (USING BULLET TRAIN HDMI)
HDMI LEAD IN/OUT (W/ AOC CABLE) (4K60 4:4:4)	UP TO 130 FEET (USING BULLET TRAIN AOC)
OTHER	
BANDWIDTH	18 GBPS (USES ICT ABOVE 10.2 GBPS SIGNALS)
HDCP	HDCP 2.2 AND EARLIER
PORTS	
HDMI (TX & RX)	TYPE A
HDBASET	RJ45 W/ POH FOR HDBASET
EXTRACTED AUDIO (TX ONLY, RX IS AN AUDIO INPUT)	3 PIN TERMINAL BLOCK
RS232 (TX & RX)	3 PIN TERMINAL BLOCK
POWER (TX & RX)	2 PIN TERMINAL BLOCK
ENVIRONMENTAL	
OPERATING TEMPRATURE	23 TO 125°F (-5 TO 51°C)
STORAGE TEMPRATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)
POWER	
POWER CONSUMPTION (TOTAL)	12 WATTS MAX
POWER SUPPLY	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 48V 0.5A
DIMENSIONS	
DIMENSIONS (TX WALLPLATE, HEIGHT/DEPTH/WIDTH)	MM: 114.26 X 35.75 X 115.86 INCH: 4.5 X 1.41 X 4.56
DIMENSIONS (HDBASET RX, HEIGHT/DEPTH/WIDTH)	MM: 21.8 X 113.68 X 196.85 INCH: 0.86 X 4.48 X 7.75
DIMENSIONS (KIT PACKAGED, HEIGHT/DEPTH/WIDTH)	MM: 76.2 X 184.15 X 312.67 INCH: 3 X 7.25 X 12.31
WEIGHT (TX UNIT)	1 LBS (0.45 KG)
WEIGHT (RX UNIT)	1.2 LBS (0.54 KG)
WEIGHT (KIT PACKAGED)	3.2 LBS (1.45 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE.	

PRODUCT FEATURES

- HDMI 2.0(a/b)
- Bi-Directional USB Support
- Sleek Wall Plate Finish
- 18Gbps Bandwidth Support
- 4K --> 1080P Down-scaling for mixed systems
- EDID Management and EDID emulate
- 2Ch Audio Extraction at Transmitter
- Digital Audio Input at the Receiver (Toslink)
- 40M 4K (up to 4K60 4:4:4, HDR) (Cat6a)
- Up to 4K60 4:4:4 Support
- Full HDR Support (HDR 10 & 12 Bit)
- HDR, HDR10+ and HLG Support
- Audio Return Channel on HDMI or TOSLINK (ARC)
- Test Patterns built into Tx and Rx for troubleshooting
- Ethernet Hub Capability (10/100)
- L/R Audio Extraction on Tx and Rx
- HDCP 2.2 (and all earlier versions supported)
- CEC Pass Through
- Bi-directional 48v PoH (Power Over HDBaseT, only one Power Supply Needed)
- I-Pass Feature for control system "pass-through"
- 3-20v protection circuit built in for safe IR transport
- Bi Directional RS232 Transport
- LED Status, Link, Power indication lights
- Supports uncompressed PCM 2- Ch., LPCM 5.1 & 7.1, Dolby Digital, DTS, Dolby TrueHD, DTS HD-Master Audio, Atmos on HDMI
- ESD protection circuitry (Inputs & Outputs) to 7KV