

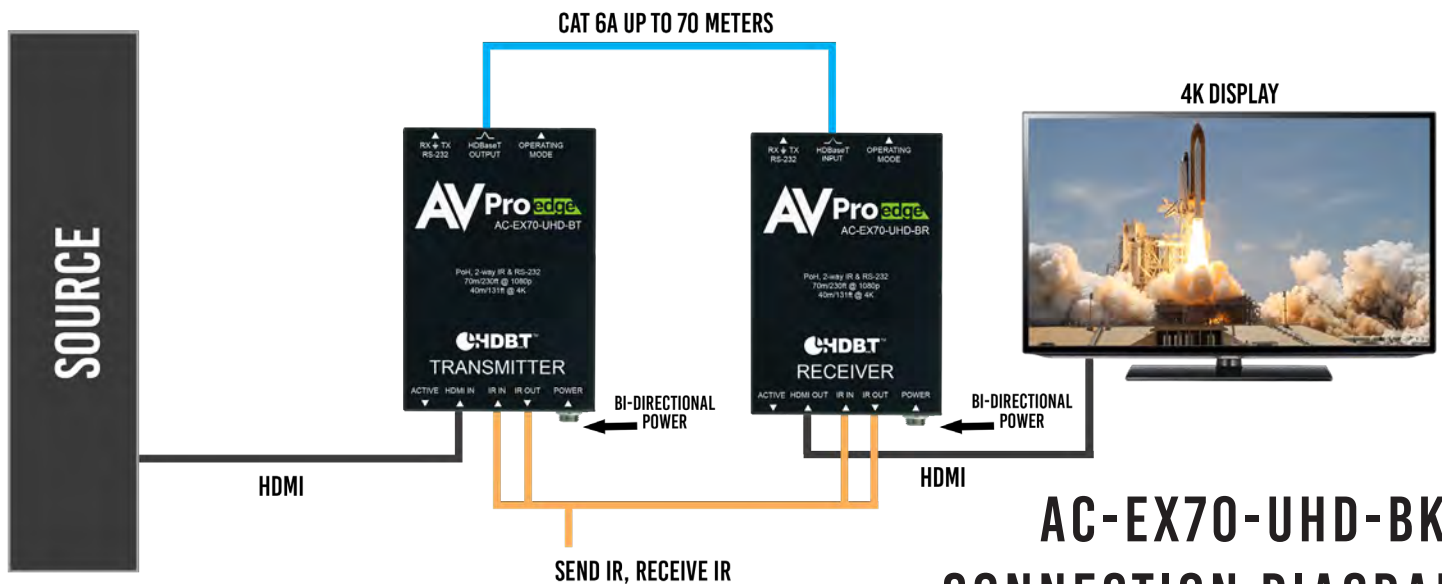


## BASIC 70 METER HDMI VIA HDBaseT EXTENDER KIT AC-EX70-UHD-BKT



**ANYTHING BUT BASIC.** THIS AVPRO EDGE EXTENDER IS A COST EFFECTIVE, STATE OF THE ART, AND RELIABLE SINGLE CAT 70 METER EXTENDER FEATURING BI-DIRECTIONAL POWER PLUS RS232 AND IR CONTROL. PASS 1080P HDMI SIGNALS 70 METERS AND 4K HDMI SIGNAL 40 METERS ALL OVER READILY AVAILABLE CAT6A CABLE USING HDBaseT TECHNOLOGY.

It solves problems for both commercial and residential markets for distributing high-value 4K UHD content from rack to display. With the additional ability to cascade extenders, affordable and reliable HDMI extension is now possible. Furthermore, the AC-EX-70-BKT offers solutions for UHD/HD uncompressed distribution in residential digital entertainment centers, retail stores, and AV events that require reliable and long distance distribution, suitable for data centers, control rooms, conference rooms, schools, and corporate training environments.



## AC-EX70-UHD-BKT CONNECTION DIAGRAM



## PRODUCT SPECIFICATIONS

<b>VIDEO:</b>	
VIDEO RESOLUTIONS	UP TO 4K 60HZ 4:2:0 / 4K 30HZ 4:4:4
VESA RESOLUTIONS	UP TO DCI 4K (4096X2160)
COLOR SPACE	YUV (COMPONENT), RGB (CSC: REC. 601, REC. 709, BT2020, DCI, P3 D6500)
CHROMA SUBSAMPLING	4:4:4, 4:2:2, 4:2:0 SUPPORTED
DEEP COLOR	UP TO 16 BIT (1080), UP TO 12 BIT (4K)
<b>AUDIO:</b>	
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
<b>DISTANCE:</b>	
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)
<b>OTHER:</b>	
BANDWIDTH	10.2 GBPS (W / ICT)
HDCP	HDCP 2.2 AND EARLIER
<b>PORTS:</b>	
HDMI (TX & RX)	TYPE A
HDBASET	RJ45 W/ POH FOR HDBASET RECEIVERS
IR RX	3.5MM STEREO (3 CONDUCTOR)
RS232	3 PIN TERMINAL BLOCK
POWER (TX & RX)	BARREL TYPE
<b>ENVIRONMENTAL:</b>	
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)
<b>POWER:</b>	
POWER CONSUMPTION (TOTAL)	9 WATTS MAX PAIR
POWER SUPPLY - MATRIX	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 12V 2A
<b>DIMENSIONS:</b>	
DIMENSIONS (UNIT ONLY HEIGHT/DEPTH/WIDTH)	MM: 105 X 71 X 25 INCH: 4.14 X 2.82 X 0.98
DIMENSIONS (PACKAGED HEIGHT/DEPTH/WIDTH)	MM: 138 X 165 X 91 INCH: 5.5 X 6.5 X 3.6
WEIGHT (UNIT)	0.3 LB/0.13 KG
WEIGHT (PACKAGED)	2 LBS/0.90 KG
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE	

**EXTEND 4K HDMI:** Once HDMI cables are manufactured to a certain length, you're stuck with it. Not to mention reliability declines after about 25 ft. This does not allow installers or users to make their own cables on an as needed basis. CAT cables on the other hand, are widely available and the lengths can be reworked easily by the installer or end-user.

**DISTANCE:** By using AC-EX70-UHD-BKT, the transmission distance for HD 1080p is up to 70 meters (230') and UHD 4K resolution the distance reaches an impressive 40 meters (115').

**CASCADE:** AC-EX70-UHD-BKT features HDMI signal equalization and amplification, which allows for a "daisy chain" of extenders, enabling extremely long distance transmission. These extenders allow for up to 8 layers with HDCP. The options for layering are unlimited using your own non-HDCP content.

**CONTROL:** IR & RS-232 are bi-directional and can control the sources from the sinks or vice versa.

**BI-DIRECTIONAL POWER:** Ultra stable, bi-directional PoE allows you to be very flexible in choosing where you want to power. Eliminate power supplies at the rack and power the Tx remotely from the display (Rx) end.