



BAD A** EXTENDER 100M HDBASET RECEIVER AC-EX100-UHD-R3

HDBT™ **HDMI®** **HDCP™**
HIGH-DEFINITION MULTIMEDIA INTERFACE HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

COMPREHENSIVE FEATURES, EASIER IMPLEMENTATION. THE AC-EX100-UHD-R3 FEATURES BI-DIRECTIONAL POWER, RS-232, IR, ETHERNET, AUDIO EXTRACTION AND EDID MANAGEMENT. USING THE MOST POWERFUL HDBASET TECHNOLOGY ON THE MARKET, THIS PRODUCT IS SURE BE A ROBUST, LONG LASTING PART OF YOUR INFRASTRUCTURE.



The AC-EX100-UHD-R3 features advanced functions like bi-directional power to supply the transmitter (or vice versa). This receiver has Ethernet ports, which act as bi-directional Ethernet hubs. Extract audio with the on-board SPDIF and balanced 2-channel ports, as well as, select from preloaded EDIDs so you can have total control over the active source.

THE AC-EX100-UHD-R3 IS COMPATIBLE WITH:



AC-EX100-UHD-KIT-P
10.2 Gbps 100M HDBASET EXTENDER KIT

ConferX™ WALL PLATES
SINGLE GANG WALL PLATE TRANSMITTER KITS
(HDMI, MINI DISPLAYPORT/HDMI, VGA/HDMI, USB-C/HDMI)



AC-EX100TT-UHD-T
TABLE TOP TRANSMITTER KIT

AC-CABLE-5PIN-2CH
AUDIO EXTRACTION CABLE - 5PIN TO 2CH



PRODUCT SPECIFICATIONS

VIDEO	
VIDEO RESOLUTIONS	UP TO 4K60 4:2:0 & 4K30 4:4:4
VESA RESOLUTIONS	UP TO 2560x2048 (QSXGA)
HDR RESOLUTIONS	4K24 4:2:2 12 BIT, 4K24 4:2:0 10 BIT
COLOR SPACE	YUV, RGB (CSC: REC. 601, REC. 709, BT2020)
CHROMA SUB-SAMPLING	4:4:4, 4:2:2, 4:2:0 SUPPORTED
DEEP COLOR	16 BIT (1080P), UP TO 12 BIT (4K)
AUDIO	
AUDIO FORMATS SUPPORTED	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGITAL DTS 5.1, DOLBY DIGITAL PLUS, DOLBY TRUEHD DTS-HD MASTER AUDIO, DOLBY ATMOS
AUDIO FORMATS SUPPORTED EXTRACTED (2CH)	PCM 2 CH (NO DOWNMIX)
DISTANCE	
HDBaset (CAT) DISTANCE (4K)	70M (230 FEET)
HDBaset (CAT) DISTANCE (FULL HD)	100M (330 FEET)
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	10.2 GBPS
HDCP	HDCP 2.2 AND EARLIER
PORTS	
HDMI	TYPE A
IR OUT	3.5MM MONO (2 CONDUCTOR FOR EMITTER)
IR IN	3.5MM MONO (2 CONDUCTOR FOR CONTROL SYSTEM DIRECT ONLY)
RS232 (DEVICE CONTROL & PASS THROUGH)	3 PIN TERMINAL BLOCK
POWER	2 PIN TERMINAL BLOCK
ETHERNET	2X RJ45 CONNECTIONS (10/100)
POWER	
POWER CONSUMPTION (TOTAL)	9 WATTS MAX PAIR (TX & RX)
POWER SUPPLY	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 48V .5A (WALL VERSION)
ENVIRONMENTAL	
OPERATING TEMPERATURE	23 TO 95°F (-5 TO 35°C)
STORAGE TEMPRATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)
DIMENSIONS	
DIMENSIONS (LENGTH/WIDTH/HEIGHT)	MM: 138 X 85 X 25 INCH: 5.43 X 3.35 X 1
DIMENSIONS (PACKAGED LENGTH/WIDTH/HEIGHT)	MM: 203 X 165 X 91 INCH: 8 X 6.5 X 3.6
WEIGHT (UNIT)	.3 LBS (.13KG)
WEIGHT (PACKAGED)	1 LBS (.90KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE.	



WWW.AVPROEDGE.COM
 INFO@AVPROEDGE.COM
 877-886-5112 OR +1 605 274 6055