

18GBPS 70M HDMI VIA HDBASET SCALING RECEIVER AC-EX70-SC2-R

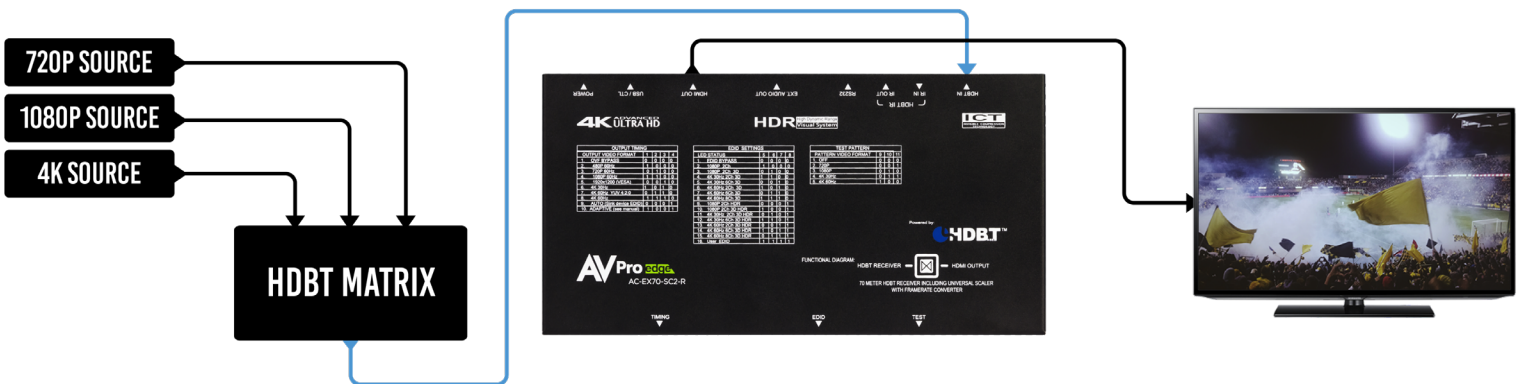
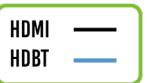
AVPRO EDGE'S AC-EX70-SC2-R SCALING HDBASET RECEIVER ALLOWS YOU TO DISTRIBUTE AT AUDIO/VIDEO SIGNALS 70 METERS OVER STANDARD CATEGORY CABLE AND SCALE THE SIGNAL'S RESOLUTION FROM 480P TO 4K AND INTERLACED TO PROGRESSIVE.



AVPro Edge's AC-EX70-SC2-R is the ideal solution for integrators who need to distribute a signal long distances to a variety of displays and keep an optimal picture. Integrators will enjoy the versatility of not only controlling up/down scaling but handling EDID issues (including 4K HDR EDID's) and being able to access audio from the stream. This HDBaseT receiver/scaler is ready for 18Gbps 4K HDR signaling. Yet, if you have 480, 720, or 1080 displays, the AC-EX70-SC2-R will make sure they're getting the resolutions and picture type you set. This product works great alongside all of AVPro Edge's HDBaseT Matrix's Switchers to give your customers the best resolution possible.



SCALING CONNECTION DIAGRAM



THE AC-EX70-SC2-R CAN GIVE THE SINK ANY RESOLUTION FROM 480P TO 4K 60 NO MATTER WHAT THE SOURCE IS OUTPUTTING

PRODUCT SPECIFICATIONS



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, HLG
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)
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
AUDIO FORMATS SUPPORTED EXTRACTED (2 CH PORT)	PCM 2 CH (NO DOWNMIX)
AUDIO FORMATS SUPPORTED EXTRACTED (DIGITAL TOSLINK)	PCM 2 CH (NO DOWNMIX)
SCALING	
FIXED OUTPUT OPTIONS (SCALES ALL INPUT FORMATS TO THE SAME)	480P 60HZ, 720P 60HZ, 1080P 60HZ, 1920X1200 (VESA), 4K 30HZ, 4K60HZ YUV 4:2:0, 4K60HZ, AUTO (SINK DEVICE EDID)
FRAMERATE COVERSION	YES
INTERLACED-> PROGRESSIVE CONVERSION	YES
TEST PATTERN GENERATOR	YES
DISTANCE	
HDBASET (CAT) DISTANCE (4K)	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
HDCP	HDCP 2.2 AND EARLIER
PORTS	
HDMI	TYPE A
HDBASET	RJ45
AUDIO (EXTRACTED ANALOG)	5 PIN TERMINAL BLOCK (BALANCED)
AUDIO (EXTRACTED DIGITAL)	OPTICAL TOSLINK
IR TX	3.5MM MONO (2 CUNDUCTOR)
IR RX	3.5MM MONO (3 CUNDUCTOR)
RS232	3 PIN TERMINAL BLOCK
POWER	2 PIN TERMINAL BLOCK
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)	24 WATTS MAX
POWER SUPPLY (MATRIX)	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 48V 3A
DIMENSIONS	
DIMENSIONS - UNIT ONLY (HEIGHT/DEPTH/WIDTH)	MM: 107.92 X 184.15 X 28.1 INCH: 4.25 X 7.25 X 1.11
DIMENSIONS - PACKAGED (HEIGHT/DEPTH/WIDTH)	MM: 184.2 X 316 X 79.5 INCH: 7.25 X 12.44 X 3.13
WEIGHT (UNIT)	0.7 LBS (0.32 KG)
WEIGHT (PACKAGED)	1.4 LBS (0.64 KG)

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE.

FULL FEATURE SET

- HDMI 2.0(a/b)
- Fixed Output Options 480P, 720P, 1080P & 4K
- 70 Meter 4K Support
- HDBaseT Trusted Technologies
- Adaptive Scaling Mode
- Plug & Play Match Display Preference Mode
- 16 EDID Options (Including Auto & HDR EDID Options)
- L/R Audio De-embedding (PCM only, does not downmix)
- Test Pattern Generation
- Simple, Easy to Use, 3-Button Operation
- 18Gbps Bandwidth Support
- Up to 4K60 4:4:4 Support
- Full HDR Support (HDR 10 & 12 Bit)
- HDR, HDR10+, and HLG Support
- EDID Management and EDID Emulate
- 720P, 1080P & 4K Test Patterns Built-in for Troubleshooting
- HDCP 2.2 (and all earlier versions supported)
- CEC Pass-Through
- 3D Support
- LED Status, Link, Power Indication Lights
- Micro USB Port for Control
- Supports Uncompressed PCM 2- Ch., LPCM 5.1 & 7.1, Dolby Digital, DTS, Dolby TrueHD, DTS HD-Master Audio, Atmos on HDMI