

## AVPro Edge AC-MX88-AUHD-HDBT-GEN2 18Gbps 4K60 8x8 HDMI/HDBaseT Matrix with Digital Audio/Balanced Audio Out/On Board Audio Delay 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 Subsampling	4:4:4, 4:2:2, 4:2:0 Supported
Deep Color	Up to 16 bit (1080), Up to 12 bit (4K)
Scalers (HDMI) Per Output Optional	1080P to 4K (Resolution Only, Framerate stays the same)
Scalers (HDBaseT) Per Output Optional	4K to 1080P (Resolution Only, Framerate stays the same)
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 (Toslink)	PCM 2 Ch, LPCM 6 Ch, LPCM 7 Ch, Dolby Digital, Dolby Digital Plus, DTS-HD Master Audio
Audio Formats Supported Extracted (2CH Port)	PCM 2 CH (No Downmix)
Audio Extraction Location	Bind to Input, Bind to Output or Matrix (Independent)
Audio Delay (Per Output, Extracted)	Up to 630MS
Distance	
HDBaseT Out (4K60 4:4:4 & HDR) w/ AC-EX70-444-RNE	70 Meters / 230 Feet (Cat 6a)
HDBaseT Out (1080P) w/ AC-EX70-444-RNE	100 Meters / 330 Feet (Cat 6a)
HDBaseT Out (4K60 4:2:0 Max) w/ AC-EX70-UHD-R	40 Meters / 131 Feet (Cat 6a)
UHD-R 40 Meters / 131 Feet (Cat 6a) H	70 Meters / 230 Feet (Cat 6a)
HDMI In/Out (4K60 4:4:4)	Up to 50 Feet (using Bullet Train HDMI)
HDMI In/Out (w/ AOC Cable) (4K60 4:4:4)	Up to 130 Feet (using Bullet Train AOC)
Other	
Bandwidth HDMI	18 Gbps Uncompressed
Bandwidth HDBaseT	18 Gbps (Uses ICT above 10.2 Gbps signals)
HDCP	HDCP 2.2 and Earlier
PoH for Receivers (No need to power receivers)	Yes, all outputs
Control	
Ports	LAN, RS232, IR, Mini USB
Drivers	C4, RTI, ELAN, Crestron, URC (for more - see Drivers Page)
PC Software / LAN WebOS	yes
Ports	
HDMI	Type A
HDBaseT	RJ45 w/ PoH for HDBaseT Receivers
LAN	RJ45 w/ Web Interface/Control
Audio (Extracted Digital)	Toslink
Audio (Extracted Analog)	5 pin terminal block (balanced)
IR Rx	3.5mm Stereo (3 Conductor)
RS-232	3 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)	38 Watts Max
Power Supply - Matrix	Input: AC 100-240V ~ 50/60Hz / Output: DC 12V 4A
Dimensions	
Dimensions (Unit Only Height/Depth/Width)	mm: 64.77 x 225.43 x 441.33 / inch: 2.55 x 8.875 x 17.375
Dimensions (Packaged Height/Depth/Width)	mm: 114.39 x 368.3 x 495.3 / inch: 4.5 x 14.5 x 19.5
Rack Units	1.5 Unit
Weight (Unit)	8.5 lbs/3.8 kg
Weight (Packaged)	12.5 lbs/5.8 kg
*Specifications subject to change without notice. Mass & Dimensions are approximate	