

WyreStorm MX-0404-HDBT-H2A-KIT 4x4 4K HDR HDBaseT Matrix with Audio Breakout/4x PoH Receivers (HDCP 2.2/SmartEDID)

	Matrix	Receiver
Inputs	4x HDMI 19-pin type A female	1x HDBaseT™ 8-pin RJ-45 female
Outputs	4x HDBaseT™ 8-pin RJ-45 female 4x S/PDIF Out RCA Digital Coax 4x Audio Out Stereo Pairs RCA Analog Coax (Audio Source or HDMI Output)	1x HDMI 19-pin type A female
Audio Formats	2ch PCM Up to 7.1 DTS-HD Master Audio and Dolby TrueHD	
Max. Video Resolution	HDMI 1920x1080p @60Hz 12bit (15m/50ft) @60Hz 16bit (7m/23ft) 3840x2160p @30Hz 4:4:4 8bit (7m/23ft) @24Hz 4:2:0 HDR 10bit per channel (3m/9.8ft) 4096x2160p @60Hz 8bit 4:2:0 (7m/23ft) @60Hz 8bit 4:4:4 (7m/23ft) Using Cat6 1920x1080 @60Hz 12bit (70m/230ft) 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (35m/115ft) @24Hz 4:2:0 HDR 10bit (35m/115ft) 4096x2160p @60Hz 4:2:0 8bit (35m/131ft) Using Cat6a/7 1920x1080 @60Hz 12bit (70m/230ft) 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (40m/131ft) @24Hz 4:2:0 HDR 10bit (40m/131ft) 4096x2160p @60Hz 4:2:0 8bit (40m/131ft)	
Color Depth	1080p: 16bit 4K UHD: 8bit HDR @24p: 10bit BT.2020	
Maximum Pixel Clock	HDMI: 600MHz HDBaseT™: 297MHz	

Communication and Control

HDMI	HDMI HDCP 2.2 EDID CEC DVI/D supported with adapter (not included)	
HDBaseT™	HDMI HDCP 2.2 EDID CEC 1-way PoH to receiver Bidirectional IR	
Ethernet	Matrix Only: 1x 8-pin RJ-45 female 10/100 Mbps auto-negotiating Built-in Web UI IP Control	
RS-232	Matrix Only: 1x 9-pin DB9 Female Matrix Control (Telnet commands supported)	
IR	1x Front Panel IR Sensor 1x IR Ext 3.5mm (1/8in) TRS Stereo Matrix Control 4x IR TX 3.5mm (1/8in) TS Mono 4x IR RX 3.5mm (1/8in) Stereo Transmits via HDBaseT™	1x IR TX 3.5mm (1/8in) TS Mono 1x IR RX 3.5mm (1/8in) Stereo Transmits via HDBaseT™

Power

Power Input	100~240V AC 50/60Hz
PoH	48V 15.4W (each HDBaseT™ output)
Max Power Consumption	70W

Environmental

Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
Maximum BTU	239 BTU/hr

Dimensions & Weight

	Matrix	Receiver
Rack Units/Wall Box	1U	0.34U
Height	53mm/2.02in 43.5mm/1.72in	N/A 15mm/0.6in
Width	482.6mm/19in 440mm/17.33in	N/A 135mm/5.32in
Depth	N/A 300.1mm/11.82in	N/A 74.2mm/2.93in
Weight	4.96kg/10.91lbs	0.4kg/0.88lbs

Regulatory

Safety and Emission	CE FCC RoHS
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