

WyreStorm MX-0606-HDBT-H2C 6 Slot Modular HDBaseT Matrix Supporting 4K HDR and ARC

Inputs	Up to 6x HDMI In: 19-pin type A
Outputs	All cards: Up to 6x HDBaseT™ 8-pin RJ-45 female Plus up to 6x of the following card dependant connections: TX-H2-AUD adds 2ch Analog Output TX-H2-ARC S/PDIF: 2ch PCM Multichannel: Up to 5.1 DTS and Dolby digital
Output Video Encoding	TX-H2-MIR/ARC/AUD: HDBaseT™ Class A TX-H2-CLB: HDBaseT™ Class B
Encoding Data Rate	9.2Gbps
End to End Latency	<1 frame 10µs (micro seconds)
Audio Formats	All cards HDMI/HDBaseT™: 2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos TX-H2-AUD adds 2ch Analog Output TX-H2-ARC S/PDIF: 2ch PCM Multichannel: Up to 5.1 DTS and Dolby Digital
Max. Video Resolution	<p>All Cards HDMI 1920x1080p @60Hz 12bit (15m/50ft) @60Hz 16bit (7m/23ft) 3840x2160p @30Hz 4:4:4 8bit (7m/23ft) @24Hz 4:2:0 HDR 10bit (3m/9.8ft) 4096x2160p @60Hz 4:2:0 8bit (7m/23ft) @60Hz 4:4:4 8bit (7m/23ft)</p> <p>TX-H2-MIR/ARC/AUD: Using Cat6 1920x1080p @60Hz 12bit (100m/328ft) 1920x1080p @60Hz 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (70m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit (70m/230ft) 4096x2160p @60Hz 4:2:0 8bit (70m/230ft) Using Cat6a/7 1920x1080p @60Hz 12bit (100m/328ft) 3840x2160p @30Hz 4:4:4 8bit (100m/328ft) 3840x2160p @24Hz 4:2:0 HDR 10bit (100m/328ft) 4096x2160p @60Hz 4:2:0 8bit (100m/328ft)</p> <p>TX-H2-CLB: Cat6 1920x1080p @60Hz 12bit (70m/230ft) 1920x1080p @60Hz 16bit (35m/114ft) 3840x2160p @30Hz 4:4:4 8bit (35m/114ft) 3840x2160p @24Hz 4:2:0 HDR 10bit (35m/114ft) 4096x2160p @60Hz 4:2:0 8bit (35m/114ft) Cat6a/7 1920x1080p @60Hz 12bit (70m/230ft) 1920x1080p @60Hz 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (70m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit (70m/230ft) 4096x2160p @60Hz 4:2:0 8bit (70m/230ft)</p>
Color Depth	1080p: 16bit 4K UHD: 8bit HDR @24p: 10bit per channel BT.2020
Maximum Pixel Clock	HDMI: 600MHz HDBaseT: 297MHz

Communication and Control

HDMI	HDMI HDCP 2.2 EDID DVI/D supported with adapter (not included)
HDBaseT™	HDMI HDCP 2.2 1-way PoH to Receiver IR RX to Zone Ethernet to Zone from Chassis (Except CLB) Additional functions available based on TX-H2-ARC adds ARC (Audio Return Channel) from Zone cards installed
Ethernet	1x 8-pin RJ-45 female 10/100 Mbps auto-negotiating Web UI IP Control Bidirectional over HDBaseT™ except when using TX-H2-CLB card
IR	1x IR Ext - 3.5mm (1/8in) TRS Stereo Matrix Control 6x IR TX - 3.5mm (1/8in) TS Mono 6x IR RX - 3.5mm (1/8in) TRS Stereo Transmits over HDBaseT™ to receiver
RS-232	1x RS-232: 9-pin DB9 Female Matrix Control Firmware Updates
Audio Return Channel (ARC)	Up to 6x using TX-H2-ARC only Returns audio to source location from remote display via HDBaseT™

Power

Power Supply	Input: 100~240V AC 50/60Hz
PoH	48V 15.4W (each HDBaseT™ output)
Max Power Consumption	120W

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	409.4 BTU/hr

Dimensions & Weight

Rack Units/Wall Box	2U
Height	87.7mm/3.46in
Width	438mm/17.25in
Depth	396mm/15.6in
Weight	8.2kg/18.04lbs

Regulatory

Safety and Emission	CE FCC RoHS
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