

WyreStorm TX-H2X-HDMI HDMI Input/HDBaseT Output and Mirrored HDMI with Audio Input/DSP Output and IR to zone

Audio and Video

Inputs	1x HDMI In: 19-pin type A 1x HDMI Out: 19-pin type A 1x S/PDIF In: S/PDIF Coaxial Digital
Outputs	1x HDBaseT™ Out: 8-pin RJ-45 female 1x S/PDIF Out: S/PDIF Coaxial Digital 1x Audio Out: 3-pin Phoenix
Output Video Encoding	HDBaseT™ Class A
Encoding Data Rate	9.2 Gbps
End to End Latency	10µs (micro seconds)
Audio Formats	S/PDIF: 2ch PCM Multichannel: Up to 5.1 DTS and Dolby Digital HDMI: 2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos

	Video Resolutions	HDMI	Cat6	Cat6a/7
Video Resolutions (Max)	1920x1080p @60Hz 12bit	15m/49ft	100m/328ft	100m/328ft
	1920x1080p @60Hz 16bit	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	70m/230ft	100m/328ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	NA	NA
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:4:4	7m/23ft	NA	NA

Supported Standards	DCI RGB HDR HDR10 Dolby Vision up to 30Hz HLG BT.2020 BT.2100
Maximum Pixel Clock	HDMI: 600MHz HDBaseT™: 297MHz

Communication and Control

HDMI	HDCP 2.2 EDID DVI-D supported with adapter (not included)
HDBaseT™	HDMI HDCP 2.2 EDID 1-way PoH to Receiver IR RX to Receiver
IR	1x IR RX 3.5mm (1/8in) TRS Stereo To Receiver over HDBaseT™
RS-232	From Matrix - No Connection on card Bidirectional over HDBaseT™
Ethernet	From Matrix - No Connection on card Bidirectional over HDBaseT™
ARC (Audio Return Channel)	Returns audio from displays built-in applications via ARC HDMI Input over HDBaseT™ (Requires ARC or SCL Receiver)

Power

Power Supply	Internal to Matrix
Max Power Consumption	Matrix Dependent
PoH	48V 15.4W

Environmental

Operating Temperature	Matrix Dependent
Storage Temperature	Matrix Dependent
Maximum BTU	Matrix Dependent

Regulatory

Safety and Emission	Matrix Dependent
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