

WyreStorm TX-H2-ARC H2 Matrix modular card with Class A HDBaseT/ARC output and HDCP 2.2

Audio and Video

Inputs	1x HDMI In19-pin type A
Outputs	1x HDBaseT™ 8-pin RJ-45 female 1x ARC Out (S/PDIF Digital) RCA Female Digital
Audio Formats	2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos

Video Resolutions (Max)	Video Resolutions	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 12bit 1920x1080p @60Hz 16bit 3840x2160p @60Hz 10bit 4:2:0 HDR 3840x2160p @30Hz 8bit 4:4:4 3840x2160p @60Hz 10bit 4:2:0 HDR 4096x2160p @60Hz 8bit 4:2:0 4096x2160p @60Hz 8bit 4:4:4	15m/49ft 7m/23ft 3m/10ft 7m/23ft 3m/10ft 7m/23ft 7m/23ft	100m/328ft 70m/230ft 70m/230ft 70m/230ft NA 70m/230ft NA	100m/328ft 100m/328ft 100m/328ft 100m/328ft NA 100m/328ft 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 DVI-D supported with adapter (not included)
HDBaseT™	HDMI HDCP 2.2 1-way PoH to Receiver IR RX to Receiver
IR	1x IR RX 3.5mm (1/8in) TRS Stereo To Receiver 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™

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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