

WyreStorm TX-H2X-VLC 18Gbps HDMI-Over-HDBaseT Modular Card for H2X Matrix with Audio DSP

Audio and Video				
Inputs	1x HDMI In: 19-pin type A 1x S/PDIF In: S/PDIF Coaxial Digital			
Outputs	1x Optical Out: SFP+ 1x S/PDIF Out: S/PDIF Coaxial Digital 1x Audio Out: 3-pin Phoenix			
Output Video Encoding	HDBaseT™ Class A			
Encoding Data Rate	9.2Gbps			
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 (Max)	Video Resolutions	HDMI	Cat6	Cat6a/7
	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	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:4:4	7m/23ft	70m/230ft	100m/328ft
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 CEC 1-way PoH to Receiver Bidirectional IR			
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 Output over OM3 (Requires ARC or SCL Receiver)			
Power				
Power Supply	Internal to Matrix			
PoH	48V 15.4W			
Max Power Consumption	Matrix Dependent			
Environmental				
Operating Temperature	Matrix Dependent			
Storage Temperature	Matrix Dependent			
Maximum BTU	Matrix Dependent			
Regulatory				
Safety and Emission	Matrix Dependent			