

WyreStorm TX-H2X-OM3 18Gbps HDMI-Over-MultiMode Fiber 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 HDMI Out: 19-pin type A 1x Optical Out: SFP+ 1x S/PDIF Out: S/PDIF Coaxial Digital 1x Audio Out: 3-pin Phoenix		
Output Video Encoding	TMDS over fiber		
Encoding Data Rate	10Gbps		
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	MM OM3
	1920x1080p @60Hz 12bit	15m/49ft	300m/984ft
	1920x1080p @60Hz 16bit	7m/23ft	300m/984ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	3m/10ft	300m/984ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	300m/984ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	300m/984ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	300m/984ft
4096x2150p @60Hz 8bit 4:4:4	3m/10ft	300m/984ft	
Supported Standards	DCI RGB HDR HDR10 Dolby Vision up to 30Hz HLG BT.2020 BT.2100		
Maximum Pixel Clock	600MHz		
Communication and Control			
HDMI	HDCP 2.2 EDID DVI-D supported with adapter (not included)		
IR	1x IR RX 3.5mm (1/8in) TRS Stereo Bidirectional over OM3		
RS-232	From Matrix - No Connection on card Bidirectional over OM3		
Fiber Multimode	HDMI HDCP 2.2 EDID Bidirectional IR/RS-232		
Power			
Power Supply	Internal to Matrix		
Max Power Consumption	Matrix Dependent		
Environmental			
Operating Temperature	Matrix Dependent		
StorageTemperature	Matrix Dependent		
Maximum BTU	Matrix Dependent		
Regulatory			
Safety and Emission	Matrix Dependent		