

WyreStorm EX-100-H2-EARC 18Gbps 4K HDR AVX Extender with eARC/Audio Breakout and PoE

AUDIO AND VIDEO

	Transmitter	Receiver		
Inputs	1x HDMI in: 19-pin type A	1x AVX In: 8-pin RJ-45 Female 1x S/PDIF In: Toslink Audio		
Outputs	1x AVX Out: 8-pin RJ-45 Female 1x S/PDIF Out: Toslink Audio	1x HDMI Out: 19-pin type A		
Output Video Encoding	AVX			
Encoding Data Rate	10.2Gbps			
End to End Latency	10µs (microseconds)			
Audio Formats	HDMI Passthrough: 2ch Analog/PCM Multichannel: LPCM up to DTS-X and Dolby Atmos eARC: 2ch Analog/PCM Multichannel: LPCM up to DTS-X and Dolby Atmos/S/PDIF: 2ch Analog/PCM Multichannel: LPCM up to Dolby Digital 5.1			
Video Resolutions (Max)	Video Resolutions 1920x1080p @120Hz 12bit 3840x2160p @60Hz 8bit 4:4:4 3840x2160p @60Hz 12bit 4:2:2 HDR/DV	HDMI 7m/23ft 7m/23ft 7m/23ft	Cat6 80m/262ft 80m/262ft 80m/262ft	Cat6a/7 100m/328ft 100m/328ft 100m/328ft
Supported Standards	DCI RGB HDR HDR10 Low Latency Dolby Vision up to 60Hz HLG BT.2020 BT.2100			
Maximum Pixel Clock	600MHz			

COMMUNICATION AND CONTROL

HDMI	HDMI HDCP 2.2 EDID CEC Pass-through DVI/D supported with adapter (not included)
AVX	HDMI HDCP 2.2 EDID Audio 1-way PoC (TX powers RX) Bidirectional IR/RS-232/Ethernet CEC
Ethernet	1x Ethernet: 8-pin RJ-45 Female Bidirectional over AVX (Transmitter and Receiver)
IR	1x IR RX: 3.5mm (1/8in) TRS Stereo 1x IR TX: 3.5mm (1/8in) TS Mono (Transmitter and Receiver)
RS-232	1x RS-232: 3-pin Phoenix (Transmitter and Receiver)

POWER

Power Supply	12V DC 3A
Max Power Consumption	24w

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	82 BTU/hr (TX/RX combined)

DIMENSIONS & WEIGHT

Rack Units/Wall Box	<1U
Height	25mm/0.98in
Width	215mm/8.46in
Depth	140mm/5.51in
Weight	0.79kg/1.75lbs

REGULATORY

Safety and Emission	CE FCC RoHS RCM EAC
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