

# WyreStorm EX-35-H2-ARC 4K/60 HDR HDBaseT/HDMI Extender (Transmitter/Receiver) with True ARC/Audio Breakout/PoH

Audio and Video				
	Transmitter		Receiver	
<b>Inputs</b>	1x HDMI 19-pin type A		1x HDBaseT™ 8-pin RJ-45 female 1x S/PDIF In: TOSLINK (Digital Optical)	
<b>Outputs</b>	1x HDBaseT™ 8-pin RJ-45 female 1x S/PDIF Out: TOSLINK (Digital Output) 1x Source Audio Out: 3-pin Pheonix		1x HDMI 19-pin type A	
<b>Output Video Encoding</b>	HDBaseT™ Class B			
<b>Encoding Data Rate</b>	9.2Gbps			
<b>End to End Latency</b>	10µs (micro seconds)			
<b>Audio Formats</b>	2ch Analog/PCM   Multichannel: LPCM up to DTS-X and Dolby Atmos			
<b>Video Resolutions (Max)</b>	<b>Video Resolutions</b>	<b>HDMI</b>	<b>Cat6</b>	<b>Cat6a/7</b>
	1920x1080p @60Hz 12bit	15m/49ft	70m/230ft	70m/230ft
	1920x1080p @60Hz 16bit	7m/23ft	35m/115ft	70m/230ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	35m/115ft	70m/230ft
	3840x2160p @60Hz 8bit 4:4:4	7m/23ft	35m/115ft	70m/230ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	35m/115ft	70m/230ft
	4096x2160p @60Hz 8bit 4:4:4	7m/23ft	35m/115ft	70m/230ft
	4096x2160p @60Hz 8bit 4:4:4	7m/23ft	35m/115ft	70m/230ft
<b>Supported Standards</b>	DC   RGB   HDR   HDR10   Dolby Vision up to 30Hz   HLG   BT.2020   BT.2100			
<b>Maximum Pixel Clock</b>	HDMI: 600MHz   HDBaseT: 297MHz			
Communication and Control				
<b>HDMI</b>	HDMI   HDCP 2.2   EDID   DVI/D supported with adapter (not included)			
<b>HDBaseT™</b>	HDMI   HDCP 2.2   EDID   ARC   2-way PoH   Bidirectional IR and RS-232			
<b>CEC</b>	CEC Pass-through – Requires CEC compatibility between source and display			
<b>IR</b>	1x IR TX 3.5mm (1/8in) TS Mono   Bidirectional over HDBaseT™ 1x IR RX 3.5mm (1/8in) TRS Stereo   Bidirectional over HDBaseT™			
<b>RS-232</b>	1x 3-pin Screw Down Phoenix Connector (Transmitter and Receiver)			
<b>ARC</b>	Supports true ARC from display to the transmitter over HDBaseT™.			
Power				
<b>Power Supply</b>	12V DC 3A			
<b>PoH</b>	48V 15.4W   2-way			
<b>Max Power Consumption</b>	8.88W			
Environmental				
<b>Operating Temperature</b>	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing			
<b>StorageTemperature</b>	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing			
<b>Maximum BTU</b>	30.30 BTU/hr			
Dimensions & Weight				
<b>Rack Units/Wall Box</b>	<1U			
<b>Height</b>	21mm/0.83in			
<b>Width</b>	195mm/7.68in			
<b>Depth</b>	94.8mm/3.74in			
<b>Weight</b>	0.36kg/0.79lbs			
Regulatory				
<b>Safety and Emission</b>	CE   FCC   RoHS			