

WyreStorm TX-IW-70-POH-KIT HDMI over HDBaseT 2-Gang Decora In-Wall 4K UHD Extender (Transmitter/Receiver) Kit

AUDIO AND VIDEO

Product Number	TX-IW-70-POH	RX-70-4K
Inputs	1x HDMI 19-pin type A	1x HDBT In 8-pin RJ-45 female
Outputs	HDBaseT 8-pin RJ-45 female	1x HDMI 19-pin type A
Audio Formats	Up to 7.1 DTS Master HD and Dolby True HD	2ch PCM Up to DTS-X and Dolby Atmos
Max. Video Resolution	<p>HDMI 1920x1080p @60Hz 48bit (15m/50ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (7m/23ft) 3840x2160p @24Hz 4:2:0 HDR 10bit (3m/9.8ft) 4096x2160p @60Hz 24bit 4:2:0 (7m/23ft)</p> <p>Using Cat6 1920x1080p @24/25/30/60Hz 36bit (100m/328ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (70m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (35m/115ft) 4096x2160p @60Hz 4:2:0 24bit (70m/230ft)</p> <p>Using Cat6a/7 1920x1080p @24/25/30/60Hz 48bit (100m/328ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (100m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (35m/115ft) 4096x2160p @60Hz 4:2:0 24bit (100m/230ft)</p>	<p>HDMI 1920x1080p @60Hz 48bit (15m/50ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (7m/23ft) 3840x2160p @24Hz 4:2:0 HDR 10bit (3m/9.8ft) 4096x2160p @60Hz 24bit 4:2:0 (7m/23ft)</p> <p>Using Cat6 1920x1080p @24/25/30/60Hz 36bit (100m/328ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (70m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (35m/115ft) 4096x2160p @60Hz 4:2:0 24bit (70m/230ft)</p> <p>Using Cat6a/7 1920x1080p @24/25/30/60Hz 48bit (100m/328ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (100m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (35m/115ft) 4096x2160p @60Hz 4:2:0 24bit (100m/230ft)</p>
Color Depth (Max)	1080p: 48bit 4K UHD: 24bit HDR @24p: 10bit per channel BT.2020	1080p: 48bit 4K UHD: 24bit HDR @24p: 10bit per channel BT.2020
Video Input Impedance	100 Ω	100 Ω
Maximum Pixel Clock	297mHz	297mHz

COMMUNICATION AND CONTROL

HDMI	HDCP 2.2 Compliant EDID DVI/D supported with adapter (not included)	HDCP 2.2 EDID DVI/D supported with adapter (not included)
HDBaseT	HDCP 2.2 Compliant EDID PoH (1-way TX to RX) Bidirectional IR, RS-232, and Ethernet	HDCP 2.2 EDID PoH (2-way) Bidirectional IR, RS-232, and Ethernet
Ethernet	1x 8-pin RJ-45 female 10/100 Mbps auto-negotiating Bidirectional over HDBaseT	1x 8-pin RJ-45 female 10/100 Mbps auto-negotiating Bidirectional over HDBaseT
IR	1x IR TX 3.5mm (1/8in) Mono Bidirectional over HDBaseT 1x IR RX 3.5mm (1/8in) Stereo Bidirectional over HDBaseT	1x IR TX 3.5mm (1/8in) Mono Bidirectional over HDBaseT 1x IR RX 3.5mm (1/8in) Stereo Bidirectional over HDBaseT
RS-232	1x 3-pin Phoenix Connector Bidirectional over HDBaseT	1x 3-pin Phoenix Connector Bidirectional over HDBaseT

POWER

Power Supply	Input: 100~240V AC 50/60Hz Output: 12V DC 1A	Input: 100~240V AC 50/60Hz Output: 12V DC 2A
PoH	48V 15.4W	48V 15.4W
Max Power Consumption	25W	7.2W

ENVIRONMENTAL

Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing	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	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing

DIMENSIONS & WEIGHT

Rack Units/Wall Box	N/A	1U
Height	105.6mm/4.16in	18mm/0.71in
Width	91mm/3.58in	232mm/9.14in
Depth	29.4mm/1.16in	93mm/3.67in
Weight	0.2kg/0.44lbs	0.5kg/1.1lbs

REGULATORY

Safety and Emission	CE FCC RoHS	CE FCC RoHS
----------------------------	-----------------	-----------------