

# WyreStorm TX-SW-IW-0201-KIT HDMI/VGA over HDBaseT Auto-Switching 2-Gang Decora In-Wall 4K UHD Extender (Transmitter/Receiver) Kit

Product Number	TX-IW-70-POH	RX-70-4K
<b>AUDIO AND VIDEO</b>		
<b>Inputs</b>	1x HDMI 19-pin type A 1x VGA plus audio (minijack)	1x HDBT In 8-pin RJ-45 female
<b>Outputs</b>	HDBaseT 8-pin RJ-45 female	1x HDMI 19-pin type A
<b>Audio Formats</b>	Up to 7.1 DTS Master HD and Dolby True HD	2ch PCM   Up to DTS-X and Dolby Atmos
<b>Max. Video Resolution</b>	<p><b>HDMI</b> 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><b>VGA</b> 1920x1200</p> <p><b>Using Cat6</b> 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 (70m/230ft) 4096x2160p @60Hz 4:2:0 24bit (70m/230ft)</p> <p><b>Using Cat6a/7</b> 1920x1080p @24/25/30/60Hz 48bit (100m/328ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (70m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (70m/230ft) 4096x2160p @60Hz 4:2:0 24bit (70m/230ft)</p>	<p><b>HDMI</b> 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><b>Using Cat6</b> 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 (70m/230ft) 4096x2160p @60Hz 4:2:0 24bit (70m/230ft)</p> <p><b>Using Cat6a/7</b> 1920x1080p @24/25/30/60Hz 48bit (100m/328ft) 3840x2160p @24/25/30Hz 4:4:4 24bit (70m/230ft) 3840x2160p @24Hz 4:2:0 HDR 10bit per channel (70m/230ft) 4096x2160p @60Hz 4:2:0 24bit (70m/230ft)</p>
<b>Color Depth (Max)</b>	1080p: 48bit   4K UHD: 24bit   HDR @24p: 10bit per channel BT.2020	1080p: 48bit   4K UHD: 24bit   HDR @24p: 10bit per channel BT.2020
<b>Video Input Impedance</b>	100 Ω	100 Ω
<b>Maximum Pixel Clock</b>	297mHz	297mHz
<b>COMMUNICATION AND CONTROL</b>		
<b>HDMI</b>	HDCP 2.2 Compliant   EDID   DVI/D supported with adapter (not included)	HDCP 2.2   EDID   DVI/D supported with adapter (not included)
<b>HDBaseT</b>	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
<b>Ethernet</b>	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
<b>IR</b>	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
<b>RS-232</b>	1x 3-pin Phoenix Connector   Bidirectional over HDBaseT	1x 3-pin Phoenix Connector   Bidirectional over HDBaseT
<b>POWER</b>		
<b>Power Supply</b>	Input: 100~240V AC 50/60Hz Output: 12V DC 1A	Input: 100~240V AC 50/60Hz Output: 12V DC 2A
<b>PoH</b>	48V 15.4W	48V 15.4W
<b>Max Power Consumption</b>	25W	7.2W
<b>ENVIRONMENTAL</b>		
<b>Operating Temperature</b>	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
<b>Storage Temperature</b>	-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
<b>DIMENSIONS &amp; WEIGHT</b>		
<b>Rack Units/Wall Box</b>	N/A	1U

<b>Height</b>	105.6mm/4.16in	18mm/0.71in
<b>Width</b>	91mm/3.58in	232mm/9.14in
<b>Depth</b>	29.4mm/1.16in	93mm/3.67in
<b>Weight</b>	0.2kg/0.44lbs	0.5kg/1.1lbs
<b>REGULATORY</b>		
<b>Safety and Emission</b>	CE   FCC   RoHS	CE   FCC   R