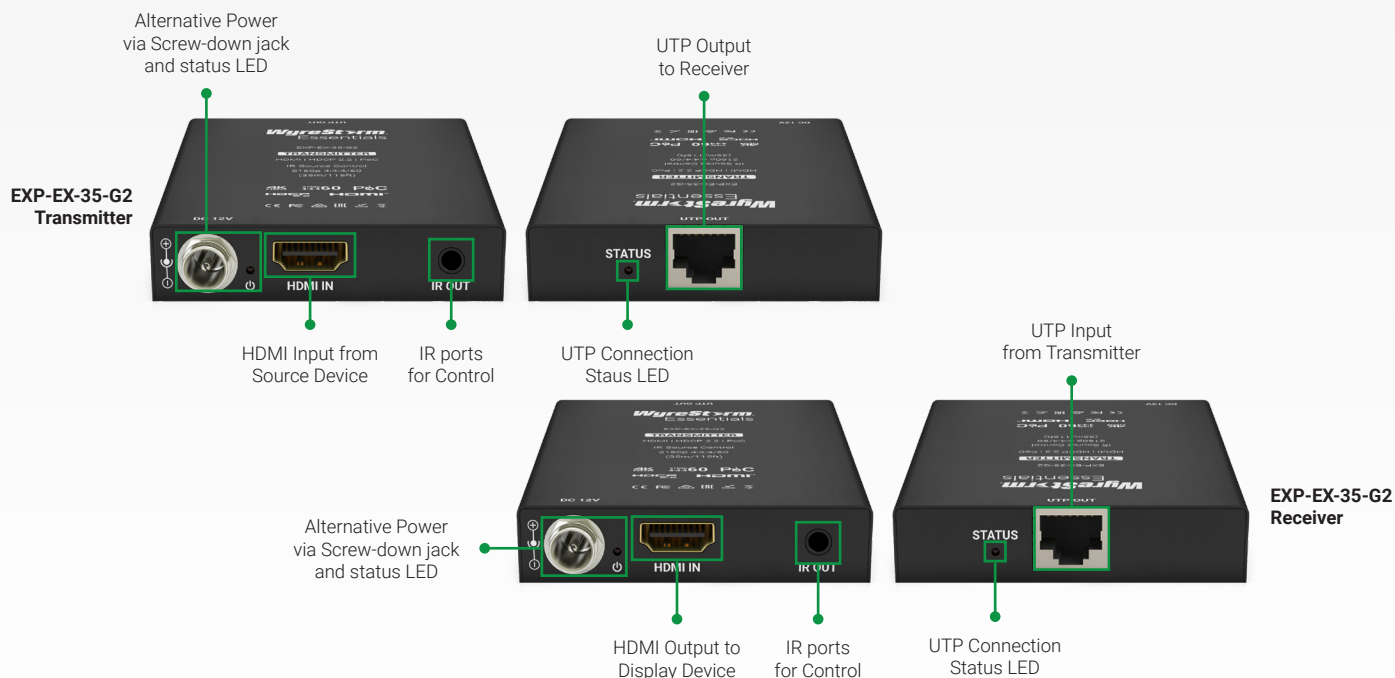


18Gbps HDMI-over-UTP Extender with IR and PoC EXP-EX-35-G2



4K HDR 2160p 4:4:4 60 HDMI HDCP 2.2 PoC

WyreStorm - Powerful. Reliable. Simple.

Introduction

18Gbps transmission rates are no longer reserved for just the ProAV extenders! Now featured in the EXP-EX-35-G2 you get the robust bandwidth capabilities in a smaller, cost effective form. IR for source control and PoC all wrapped up in a compact chassis for unbeatable value, reliability and ease of installation.

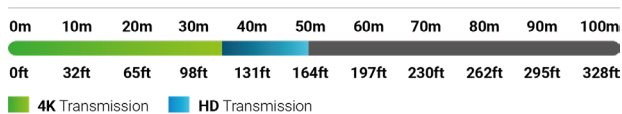
Key Features

- Transmits 4K@60Hz HDMI content over UTP to 35m (115ft) or 1080p@60Hz to 50m (164ft)
- VLC technology making 18Gbps over 10.2 cable possible for perfect visually lossless video
- PoC means receiver is powered via a single PSU at the transmitter
- IR pass-through RX > TX for source control
- Slim 15mm chassis for discreet installation

In the Box

- 1x EXP-EX-35-G2 Transmitter
- 1x EXP-EX-35-G2 Receiver
- 1x IR Emitter
- 1x IR Receiver
- 1x 12V 1A Power Supply (US/UK/EU/AU)
- 4x Mounting Brackets

Cat6 Cable Performance Guide



WyreStorm recommends the use of shielded cable to minimize signal noise and interference

Specifications

	Transmitter	Receiver		
Audio and Video				
Inputs	1x HDMI In: 19-pin type A		1x UTP In: 8-pin RJ-45 Female	
Outputs	1x UTP Out: 8-pin RJ-45 Female		1x HDMI Out: 19-pin type A	
Output Video Encoding	UTP			
Encoding Data Rate	9.2Gbps			
End to End Latency (Max)	10µs (micro seconds)			
Audio Formats	2ch PCM Multichannel up to DTS-X and Dolby Atmos			
Video Resolutions (Max)	Video Resolution	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 16bit	15m/49ft	50m/164ft	50m/164ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	7m/23ft	35m/115ft	35m/115ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	35m/115ft	35m/115ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	35m/115ft	35m/115ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	35m/115ft	35m/115ft
	4096x2160p @60Hz 8bit 4:4:4	3m/10ft	35m/115ft	35m/115ft
	Note: WyreStorm recommends the use of shielded category cable to minimize signal noise and interference			
Supported Standards	DCI RGB HLG HDR-10 (Dolby Vision not supported)			
Maximum Pixel Clock	HDMI: 600MHz UTP: 297MHz			
Communication and Control				
HDMI	HDMI HDCP 2.2 EDID DVI/D supported with adapter (not included)			
UTP	HDMI HDCP 2.2 EDID 2-way PoC IR Source Control			
IR	1x IR TX: 3.5mm (1/8in) TS Mono 1x IR RX: 3.5mm (1/8in) TRS Stereo			
Power				
Power Supply	12V DC 1A			
PoC	IEEE 802.3af 48V 15.4W Max 2-way			
Max Power Consumption	6.48W (Pair, PoC)			
Environmental				
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing			
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing			
Maximum BTU	22.11 BTU/hr			
Dimensions and Weight				
Rack Units/Wall Box	<1U			
Height	15.2mm/0.6in			
Width	70mm/2.75in			
Depth	90mm/3.54in			
Weight	0.15Kg/0.33lb			
Regulatory				
Safety and Emission	CE FCC RoHS RCM EAC			

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.

Right Product for the Right Application.

