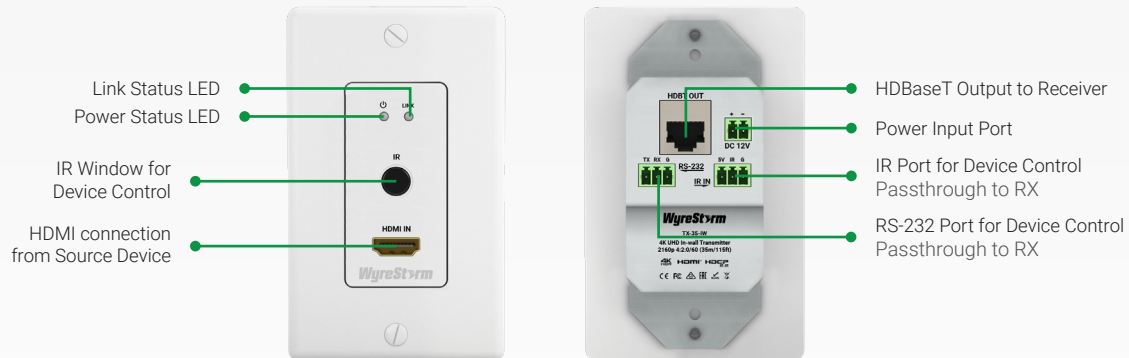


4K UHD HDBaseT 1-Gang In Wall Transmitter (4K: 35m/115ft | 1080p: 70m/230ft)

TX-35-IW

WyreStorm

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

1-gang 4K UHD In-wall HDBaseT transmitter ideal for classroom, meeting room and any remote input locations where an HDMI source is to be connected. PoH technology allows the TX-35-IW to power over category cable when used with a compatible HDBaseT receiver or when connected to a compatible WyreStorm matrix switcher.

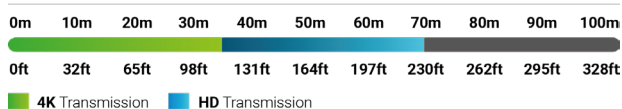
Key Features

- Slim 1-Gang form factor allows TXs to be installed in discrete locations with limited space
- Low cost solution for simple point-to-point audio and video extension
- POH allows convenient power of the TX over category from compatible RX
- Control signal passthrough that includes bidirectional RS-232 and source to zone IR
- Supports 4K video transmissions up to 35 meters

In the Box

- 1x 2 pin Phoenix Male Connector
- 2x 3 pin Phoenix Male Connector
- 1x 1-Gang Decora Wall Plate
- Device powers via PoH (12V 2A DC PSU Sold Separately)
- 1x Quickstart Guide (This Document)

Cat6 Cable Performance Guide

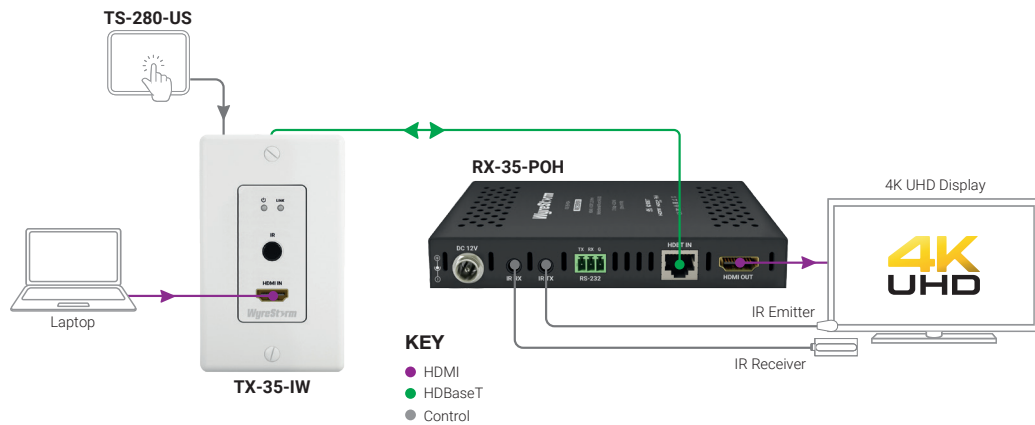


WyreStorm recommends the use of shielded cable to minimize signal noise and interference

Specifications

Transmission				
Transmission Encoding	HDBaseT Class B			
End to End Latency	10µs			
Maximum Transmission Bit Rate	10.2Gbps			
Audio & Video				
HDMI	v1.4 TMDS			
Inputs	1x HDMI In: 19-pin type A			
Outputs	1x HDBT Out: 8-pin RJ45			
Maximum Pixel Clock	297MHz			
Video Resolutions (Max)	Video Resolution	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz	15m/49ft	70m/230ft	70m/230ft
	3840x2160p @60Hz 8bit 4:2:0	5m/16ft	35m/115ft	35m/115ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	5m/16ft	35m/115ft	35m/115ft
	4096x2160p @60Hz 8bit 4:2:0	5m/16ft	35m/115ft	35m/115ft
	Note: WyreStorm recommends the use of shielded category cable to minimize signal noise and interference.			
Supported Standards	DCI RGB HDR10			
Audio Formats	2ch PCM Multichannel LPCM DTS-X and Dolby Atmos			
Maximum Sampling Rate	192KHz			
Audio Return Channel (ARC)	Not Supported			
Communication and Control				
HDMI	HDCP 2.2 EDID DVI/D Supported with adapter			
IR	Passthrough; Front panel window, Rear 3-pin phoenix			
RS-232	1x 3-pin Phoenix, Bi-directional passthrough			
EDID	Pass-through, from RX			
Consumer Electronics Control (CEC)	Not Supported			
Auto Low Latency Mode (ALLM)	Not Supported			
Variable Refresh Rate (VRR)	Not Supported			
Power				
Power Supply	PoH; 12V DC 2A			
Max Power Consumption	9.3W			
Power-over-HDBaseT (PoH)	Supported, 1-way from RX			
Local Power Supply Input	2-pin phoenix			
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	2.29 BTU/hr			
Dimensions and Weight				
Installation	In-wall, 1-gang			
Height	105mm/4.13in			
Width	45mm/1.77in			
Depth	38mm/1.55in			
Weight	0.16kg/0.35lbs			
Regulatory				
Safety and Emission	CE FCC RoHS RCM EAC			

Right Product for the Right Application.



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