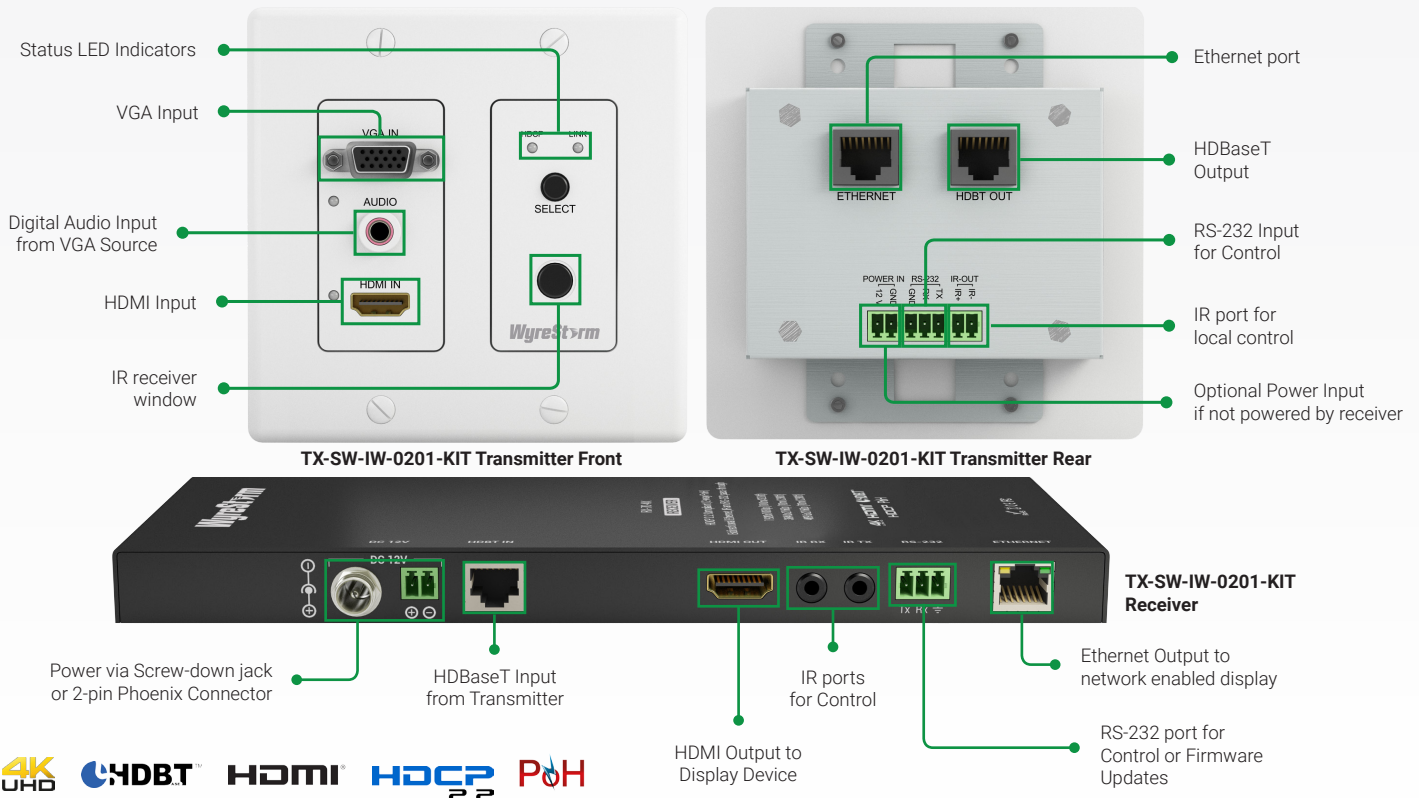


# In-Wall 4K HDR HDBaseT™ Transmitter and Receiver Kit with PoH (4K: 70m/230ft | 1080p: 100m/328ft)

**TX-SW-IW-0201-KIT**



## Specification Sheet



WyreStorm - Because the Technology Matters.

## Introduction

The TX-SW-IW-0201-KIT in-wall transmitter features front-facing HDMI & VGA inputs set into a 2-Gang decora wall plate for inconspicuous local connectivity and control and the included HDBaseT™ receiver can be placed up to 100m/328ft away carrying video, audio & control signals whilst delivering power back to the TX.

## Key Features

- Complete 2-Gang Decora in-wall Class A HDBaseT™ transmitter and standalone receiver kit
- Supports HDMI and VGA with audio inputs with automatic input detection (HDMI preferred)
- Follows first in, last out rule
- Extends 4K UHD video with HDR (HDMI only) up to 70m/230ft or 1080p to 100m/238ft over single Cat6 using HDBaseT™ technology
- Class A HDBaseT™ support: 4K/HD video, multichannel audio, Ethernet passthrough, bidirectional control (IR & RS-232) and Power over HDBaseT™
- TX and RX capable of being powered locally or remotely via PoH
- HDCP 2.2 compliant

### Additional features on Transmitter

- Powered either locally or remotely from included receiver or PoH compatible matrix if used as part of a WyreStorm matrix switcher system
- Automatic input detection - HDMI preferred
- Built-in IR receiver window for easy TV/projector control, EDID management and automatic input detection

- Supports Ethernet pass-through
- Bidirectional IR supported with built-in IR receiver window for easy TV/projector control
- LED indication for HDCP presence within signal and transmission link between devices

### Additional features on Receiver

- Supports serial routing and CEC passthrough when used as part of compatible matrix system
- Transmits discrete wide-band bidirectional IR control signal/routed serial commands from compatible matrix together within the HDMI signal
- Multichannel audio up to Dolby Atmos and DTS:X
- Switchable RS-232 selection for firmware update
- Additional phoenix port and threaded DC for use of both standard and locking DC power plugs
- Visual LED indication for power supply, signal status to show display connection, HDCP in signal and Link between HDBaseT™ devices
- Automatically adjusts feedback, equalization and amplification of signal

## In the Box

1x TX-SW-IW-0201 Wall Plate Transmitter  
1x RX-70-4K Receiver  
2x 3-pin Plug-in Phoenix Connector  
3x 2-pin Plug-in Phoenix Connector

1x Wide-band IR Emitter  
1x Wide-band IR Receiver (30-50KHz)  
1x Decorative Wall Plate with 4 screws  
4x 6-32x20mm Wall Plate Installation Screws

2x Receiver Mounting Brackets  
1x 12v 2A PSU  
1x TX-70-POH Quickstart Guide  
1x RX-70-4K Quickstart Guide

# Specifications

Audio and Video					
	Transmitter		Receiver		
<b>Inputs</b>	1x HDMI 19-pin type A 1x VGA In 15-pin VGA VESA (D-SUB 15) 1x Audio In 3.5mm (1/8in) Stereo Jack		1x HDBaseT 8-pin RJ-45 female		
<b>Outputs</b>	1x HDMI 19-pin type A   1x HDBaseT 8-pin RJ-45 female		1x HDMI 19-pin type A		
<b>Audio Formats</b>	2ch PCM   Up to 7.1 DTS Master HD and Dolby True HD				
<b>Video Resolutions (Max)</b>	<b>Resoluton</b>	<b>VGA</b>	<b>HDMI</b>	<b>Cat6</b>	<b>Cat6a/7</b>
	1920x1080p @60Hz 12bit	7m/23ft	15m/49ft	100m/328ft	100m/328ft
	1920x1080p @60Hz 16bit	N/A	7m/23ft	70m/230ft	100m/328ft
	1920x1200p @60Hz 8bit	7m/23ft	15m/49ft	100m/328ft	100m/328ft
	3840x2160p @30Hz 4:4:4 8bit	N/A	7m/23ft	70m/230ft	100m/328ft
4096x2160p @24Hz 4:2:0 8bit	N/A	7m/23ft	70m/230ft	100m/328ft	
<b>Supported Standards</b>	DCI   RGB				
<b>Maximum Pixel Clock</b>	297MHz				
Communication and Control					
<b>HDMI</b>	HDCP 2.2   EDID   DVI/D supported with adapter (not included)				
<b>HDBaseT</b>	HDCP 2.2   EDID   1-way PoH (RX to TX)   Bidirectional IR, RS-232, and Ethernet				
<b>Ethernet</b>	1x Ethernet: 8-pin RJ-45 Female   Bidirectional over HDBaseT				
<b>IR</b>	Transmitter: 1x IR Out 2-pin Screw Down Phoenix Connector Receiver: 1x IR TX 3.5mm (1/8in) TS Mono   1x IR RX 3.5mm (1/8in) TRS Stereo Bidirectional over HDBaseT				
<b>RS-232</b>	1x 3-pin Screw Down Phoenix Connector   Bidirectional over HDBaseT				
Power					
<b>Power Supply</b>	TX: 12V DC 1A   RX: 12V DC 2A				
<b>PoH</b>	48V 15.4W				
<b>Max Power Consumption</b>	TX: 3.4W   RX: 7.2W   TX and RX: 10.6W				
Environmental					
<b>Operating Temperature</b>	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				
<b>Maximum BTU</b>	TX: 11.6 BTU/hr   RX: 24.6 BTU/hr   TX and RX: 36.16W BTU/hr				
Dimensions and Weight					
	Transmitter		Receiver		
<b>Rack Units   Wall Box</b>	2-gang		<1U		
<b>Height</b>	108mm/4.26in		18mm/0.71in		
<b>Width</b>	106.7mm/4.21in		232mm/9.14in		
<b>Depth</b>	25mm/0.99in		93mm/3.67in		
<b>Weight</b>	0.19kg/0.42lbs		0.5kg/1.1lbs		
Regulatory					
<b>Safety and Emission</b>	CE   FCC   RoHS				

# Right Product for the Right Application.

