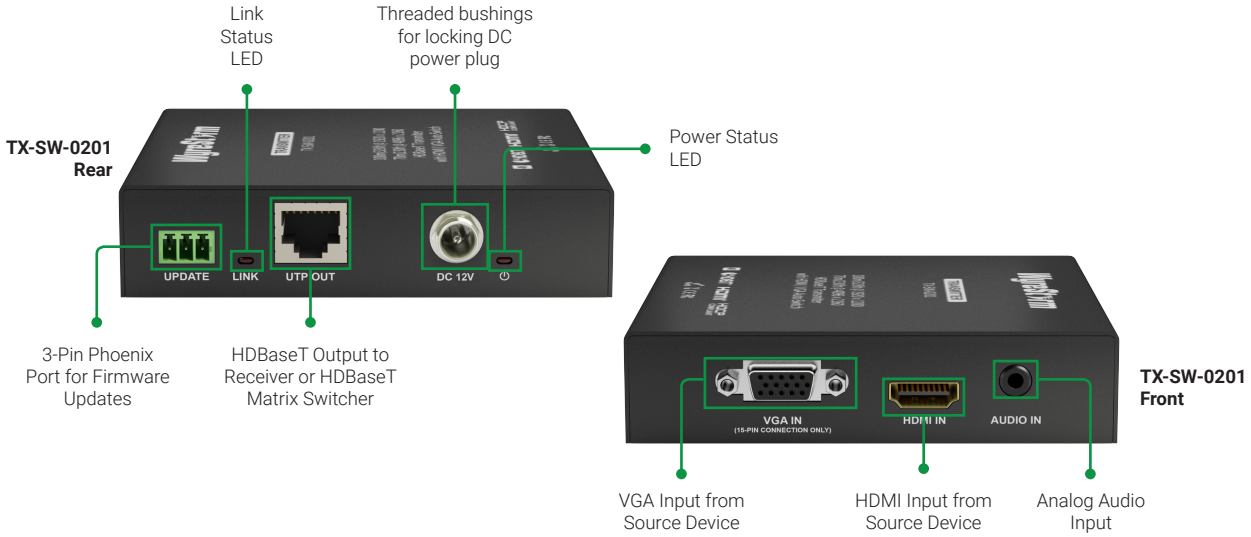
HDBaseT™ 4K UHD Transmitter with VGA and HDMI Auto-Switcher (70m/230ft)

TX-SW-0201

Specification Sheet



WyreStorm - Because the Technology Matters.

Introduction

The WyreStorm TX-SW-0201 is a 4K compatible dual-input transmitter designed to distribute a VGA or HDMI signal to a display device with integrated HDBaseT™ receiving capabilities, such as a display or projector, over distances up to 70m/230ft (4K) and 100m/328ft (HD) using a single Cat5e/6 cable.

With simple plug-and-play connectivity and auto-switching between connected inputs, the TX-SW-0201 is ideal for small meeting room or classroom environments where effortless switching between VGA and HDMI sources is required.

Key Features

- Lossless transmission of VGA and HDMI over distance using HDBaseT™ technology and single cable Cat5e/6
- 2160p @30Hz 4:4:4/RGB - 70m/230ft
- 1080p @60Hz 4:4:4/RGB - 100m/328ft
- Automatic input detection enabling connection of both HDMI and VGA sources with VGA preferred if both devices are transmitting
- Sources connected follow a first in, last out rule
- Supports 3D content
- Multichannel audio supporting 7.1 DTS Master HD and Dolby True HD
- HDMI v1.4 compliant
- Phoenix connector for firmware updates
- Visual LED indication for unit power supply and signal link status
- Internal ESD and Surge Protection
- Universal power supply included (US, UK and EU connectivity)
- Threaded bushings allow use of both standard and locking 12v DC power plugs
- Can create highly scalable AV distributions systems by combining with WyreStorm modular matrixes, presentation switchers and audio amplifier receiver (AMP-001-010), display receivers and scaler/downmixer (EXP-CON-4K-DD)
- Compact size for convenient and unobtrusive installations

In the Box

1x TX-SW-0201 Transmitter
1x 12V DC 1A Power Supply
1x 3-pin Screw Down Phoenix Connector

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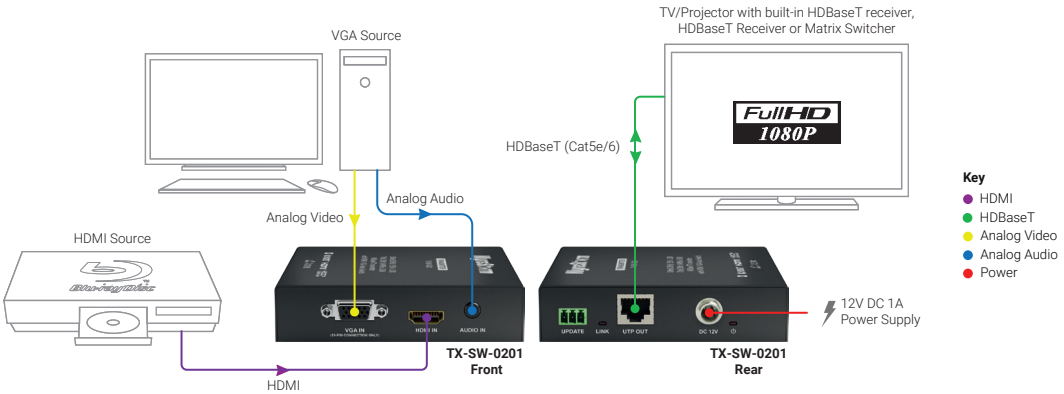
Specifications

Audio and Video					
Inputs	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				
Outputs	1x HDBaseT 8-pin RJ-45 female				
Audio Formats	2ch PCM | Up to 7.1 DTS Master HD and Dolby True HD				
Video Resolutions (Max)	**Resoluton**	**VGA**	**HDMI**	**Cat6**	**Cat6a/7**
	1920x1080p @60Hz 12bit	15m/49ft	15m/49ft	100m/328ft	100m/328ft
	1920x1200p @60Hz 8bit	15m/49ft	7m/23ft	100m/328ft	100m/328ft
	3840x2160p @30Hz 4:4:4 8bit	N/A	7m/23ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 4:2:0 8bit	N/A	7m/23ft	70m/230ft	100m/328ft
Color Depth	1080p: 12bit | 1200p: 8bit | 4K UHD: 8bit				
Maximum Pixel Clock	297MHz				
Communication and Control					
HDMI	HDCP 2.2 | EDID | DVI/D supported with adapter (not included)				
HDBaseT	HDCP 2.2 | EDID | 1-way PoH (RX to TX) | Bidirectional IR and RS-232				
Power					
Power Supply	12V DC 1A				
PoH	48V 15.4W				
Max Power Consumption	3.5W				
Environmental					
Operating Temperature	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				
Maximum BTU	12 BTU/hr				
Dimensions and Weight					
Rack Units | Wall Box	<1U				
Height	25mm/0.99in				
Width	108mm/4.26in				
Depth	106.7mm/4.21in				
Weight	0.34kg/0.75lbs				
Regulatory					
Safety and Emission	CE | FCC | RoHS				

Right Product for the Right Application.