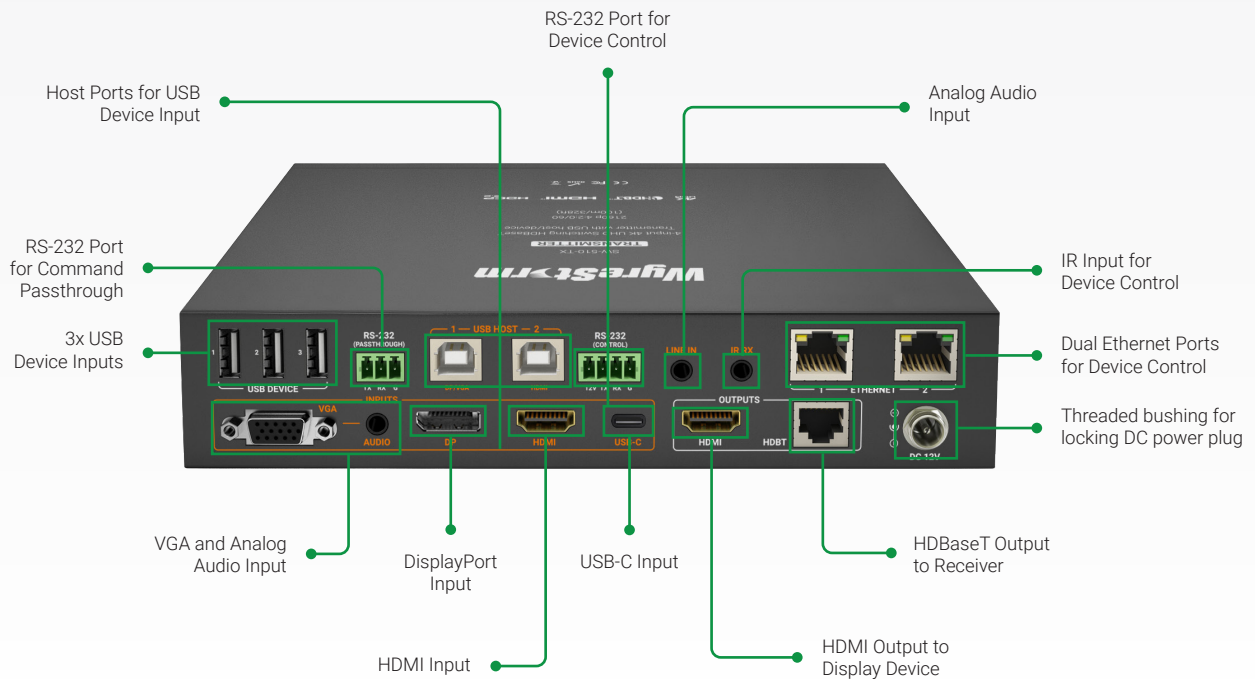


# 4-input 4K UHD Switching HDBaseT Transmitter with USB host/device (4K: 100m/328ft)

SW-510-TX

**WyreStorm**

Specification Sheet



4K UHD | HDBaseT | HDMI | HDCP 2.2

WyreStorm - Powerful. Reliable. Simple.

## Introduction

When the next generation of HDBaseT transmission meets WyreStorm's presentation switcher platform, the result is this powerful switching transmitter, perfect for corporate meeting and classroom environments. Automatic switching inputs with USB host extension and CEC triggering mean an autonomous experience with no user input required.

## Key Features

- Professional switching transmitter for education or corporate meeting rooms
- Automatic or manual switching between HDMI, VGA, DisplayPort and USB-C inputs
- Bidirectional USB2.0 for connection of webcams, smart touchscreens and microphones
- USB-C input supports Alt-mode functionality for AV and USB device connection through a single cable
- Automatic or manual CEC triggering for compatible connected screens or projectors
- Supports source content up to 4K/60 4:2:0 with HDCP 2.2

## In the Box

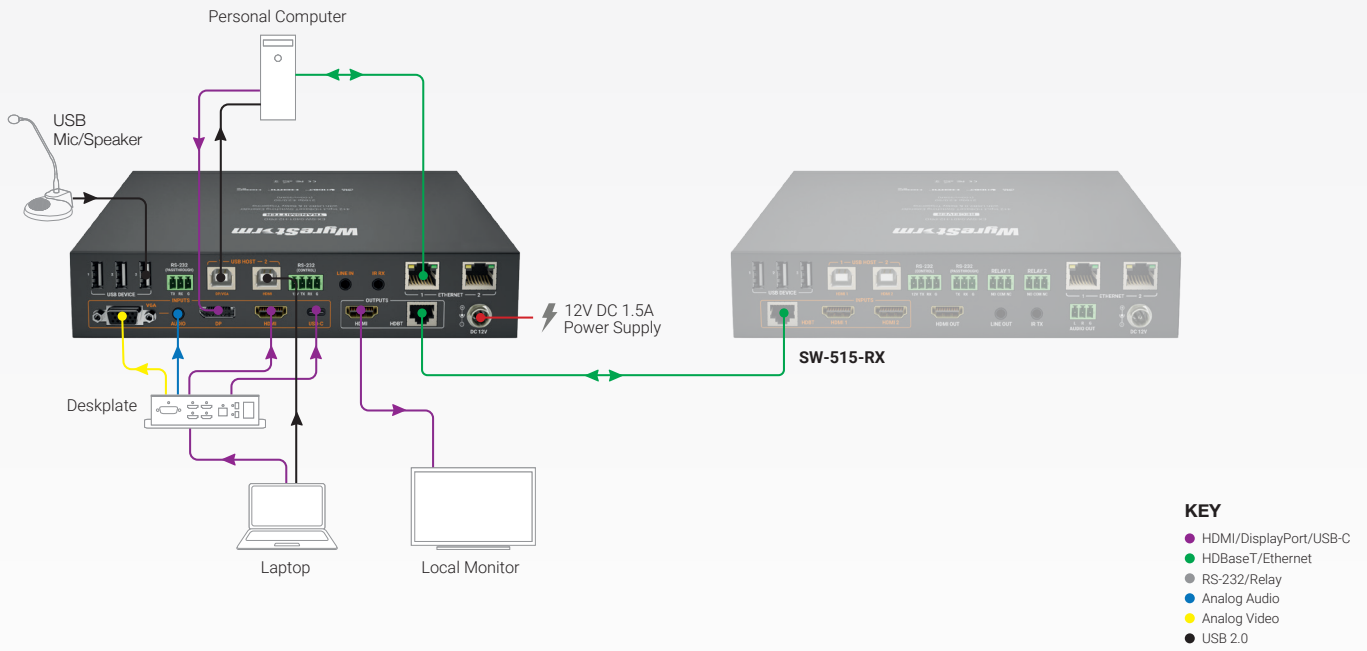
1x SW-510-TX Transmitter  
1x 12V DC Power Supply (US/UK/EU)  
1x IR Receiver  
2x Mounting Brackets

1x 3-pin Screw Down Phoenix Connector  
1x 4-pin Screw Down Phoenix Connector  
1x Quickstart Guide

# Specifications

Audio and Video				
<b>Inputs</b>	1x VGA In: 15-pin VGA 1x Display Port In: DisplayPort 1.3 1x HDMI In: 19-pin type A 1x Audio In: 3.5mm (1/8in) TRS Stereo 1x Line In: 3.5mm (1/8in) TRS Stereo			
<b>Outputs</b>	1x HDMI Out: 19-pin type A 1x HDBT Out: 8-pin RJ-45 Female			
<b>Video Encoding</b>	HDBaseT Class C			
<b>Encoding Data Rate</b>	9.2Gbps			
<b>End to End Latency</b>	10µs (micro seconds)			
<b>Audio Formats</b>	2ch Analog/PCM   Multichannel: LPCM			
<b>Video Resolutions (Max)</b>	<b>Video Resolution</b>	<b>HDMI</b>	<b>Cat6</b>	<b>Cat6a/7</b>
	1920x1200p @60Hz 8bit	15m/49ft	150m/492ft	150m/492ft
	1920x1080p @60Hz 8bit	15m/49ft	150m/492ft	150m/492ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	100m/328ft	100m/328ft
4096x2160p @60Hz 8bit 4:2:0	7m/23ft	100m/328ft	100m/328ft	
<b>Supported Standards</b>	DCI   RGB			
<b>Maximum Pixel Clock</b>	297MHz			
Communication and Control				
<b>HDMI</b>	HDMI   HDCP 2.2   EDID   DVI/D supported with adapter (not included)			
<b>HDBaseT</b>	HDMI   HDCP 2.2   EDID   CEC   2ch audio   USB			
<b>Ethernet</b>	2x 8-pin RJ-45 female   Bidirectional over HDBaseT			
<b>RS-232</b>	1x RS-232 (Control): 3-pin Phoenix   1x RS-232 (Passthrough): 3-pin Phoenix			
<b>IR</b>	1x IR RX: 3.5mm (1/8in) TS Mono			
<b>USB</b>	1x USB-C: USB 3.1 Audio/Video   2x USB Host: USB-B   3x USB Device: USB-A USB over HDBT limited to 190Mbps   Max 5v 500mA per USB Type A			
Power				
<b>Power Supply</b>	12V DC 2A			
<b>Max Power Consumption</b>	14.02W			
Environmental				
<b>Operating Temperature</b>	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing			
<b>Storage Temperature</b>	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing			
<b>Maximum BTU</b>	56.3BTU/hr			
Dimensions and Weight				
<b>Rack Units/Wall Box</b>	<1U			
<b>Height With   Without Feet</b>	44.5mm/1.76in   42mm/1.66in			
<b>Width With   Without Brackets</b>	263mm/10.36in   220mm/8.67in			
<b>Depth With   Without Handles</b>	148.7mm/5.86in   148.7mm/5.86in			
<b>Weight</b>	0.97kg/2.13lbs			
Regulatory				
<b>Safety and Emission</b>	CE   FCC   RoHS			

# 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.