



WyreStorm - Powerful. Reliable. Simple.

Introduction

2 inputs and powerful HDBaseT 3.0 transmission result in this powerful switching transmitter, perfect for higher education classroom/hall and corporate environments. Automatic or manual switching of HDMI or USB-C and CEC power triggering via HDBaseT means a simple user experience when it matters most. Further functionality allows USB devices to be routed back to the source via USB host (or natively via USB-C) and charging for the connected USB-C device.

Key Features

- HDBaseT 3.0 Switching Transmitter supporting:
- Uncompressed content up to 4K@60Hz 4:4:4 8bit
- HDCP 2.3 encryption technology ensuring compatibility with the latest 4K UHD content and sources
- HD Multichannel audio up to DTS:X and Dolby Atmos via HDMI
- Compatible with DVI-I and DP++ v1.3 signals from compatible devices
- USB 2.0 passthrough offering 300Mbps transfer and HID extension
- Features USB-C charging of up to 60 watts (with compatible PSU, not included)
- Supports independent analog audio lane (pass-through) transmitter to receiver
- Bidirectional RS232 and CEC pass-through communication
- Shared RS232 port; API control or passthrough to RX
- Backwards compatible with HDBaseT 1.0 transmission and receiving devices (lowest denominator takes priority)
- Bidirectional PoH

In the Box

- 1x SW-120-TX3-US/SW-120-TX3-UK In-Wall Transmitter
- 1x 1.8m USB2.0 Type-B to Type-A cable
- 1x 2m USB-C to USB-C Cable with Locking Connector (5Gbps)
- 1x 3-pin Terminal Block
- 1x 2-pin Terminal Block
- 1x Wall Plate (2-gang US) - (US model only)
- 4x Mounting Screws
- 1x Quickstart Guide (This Document)
- *20v 6a PSU Sold Separately

Specifications

	SW-120-TX3-US	SW-120-TX3-UK
Audio and Video		
Inputs	1x HDMI: 19-pin Type A Female 1x USB-C (USB Alt Mode/Host) 1x RS-232: 3-pin Phoenix (Shared; API Control) 1x Line-In 3.5mm (1/8in) TRS Stereo 1x Type B host	
Outputs	1x HDBT: 8-pin RJ45 1x RS-232: 3-pin Phoenix (Shared; Passthrough)	
Max Video Resolution	1920x1080p @60Hz 12bit 3840x2160 @60Hz 4:4:4 8bit	
Output Video Encoding	Format: HDBT Encoding Data Rate: 18Gbps End to End Latency: 10µs (microseconds)	
Audio Formats	1x Audio In: 3.5mm (1/8in) TRS Stereo 2ch audio over HDBaseT 1-way to RX	
Supported Standards	DCI RGB HDR10 Dolby Vision HLG BT.2020 BT.2100	
Maximum Pixel Clock	600Mhz	
Communication and Control		
HDMI	HDMI HDCP 2.3 EDID CEC Pass-through	
HDBaseT	HDMI USB HDCP 2.3 EDID 2-way PoH Bidirectional RS-232 CEC	
USB	1x Type B (Host) Maximum data throughput: 300Mbps	
RS-232	1x RS-232: 3-pin Phoenix	
Power		
Power Supply	20V DC 6A (Sold separately)	
Power Consumption	6.61w	
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	3.41 BTU/hr	
Dimensions		
Length x Width x Height	89mm x 36.3mm x 105.6mm/3.50" x 1.43" x 4.16"	146mm x 37.6mm x 86mm/5.74" x 4.15" x 4.16"
Weight	0.36kg/.79lbs	
Regulatory		
Safety and Emission	CE FCC RoHS RCM EAC UKCA	

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