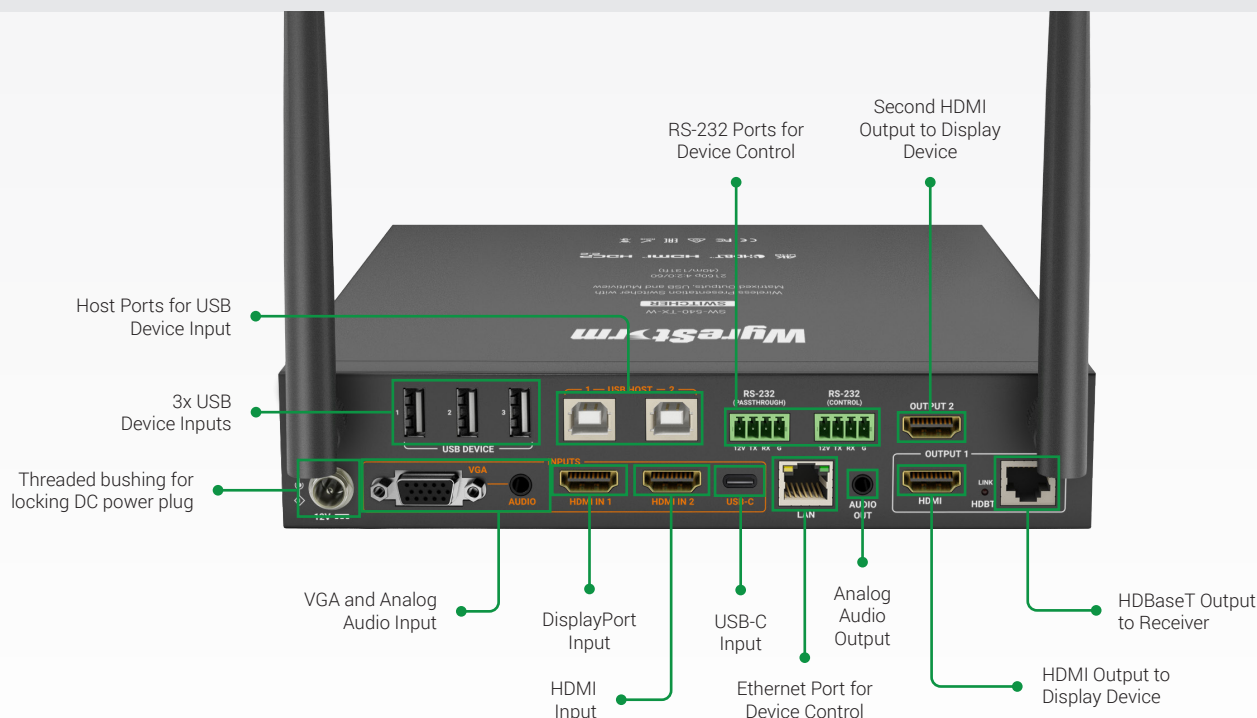


4-Input 4K HDBaseT Presentation Switcher with Matrix Outputs, USB 2.0, Multiview & Wireless Casting

SW-540-TX-W

WyreStorm
Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

The SW-540-TX-W is the perfect presentation switcher that meets the demanding requirements for today's meeting spaces and conference rooms. The SW-540-TX-W is fully loaded with connectivity options, including VGA, HDMI and USB-C to ensure every laptop is compatible. In addition to the wired inputs, built-in support for Apple Airplay and Miracast allows devices to screenshare wirelessly by connecting the switcher to an existing LAN or by utilizing the integrated wireless access point. Dual outputs via HDBaseT and HDMI promote connectivity in multi-screen rooms along with the ability to show up to 4 sources simultaneously via multiview. Of course, the package wouldn't be complete without the ability to connect USB peripherals such as speakerphones and cameras directly to the switcher or over HDBaseT.

Key Features

- Automatic or manual switching of 4 connected sources (VGA, 2 HDMI & USB-C) with assignable USB host connection
- Supports input resolutions up to 4K30 4:4:4 via USB-C or HDMI
- Wireless screensharing via Apple Airplay or Miracast
- Dual output via HDBaseT and HDMI with additional mirrored HDMI
- Multiview processing up to 4 simultaneous sources between wired and wireless devices
- Compatible with all major conference software including Zoom, Microsoft Teams, Cisco WebEx and more
- Built-in USB 2.0 hub with support for USB over HDBaseT for connection of peripheral devices such as speakerphones or cameras
- Automatic or manual CEC & RS232 triggering of connected display through HDMI or HDBaseT output.
- API uses Telnet over TLS for secure and encrypted communication
- USB-C input supports alt-mode for both A/V and data communication over a single cable
- Integrated webserver for control and configuration via HTTPS
- Easily mountable under a table or desk with included mounting brackets
- Built-in wireless access point for secure and isolated communication to screensharing devices
- Wireless access point supports custom SSID, password and screensharing access PIN
- Integrated 'Guide Screen' used to provide end-users with simple instructions to get connected
- Custom 'Guide Screen' can be uploaded to include company information, logos, or specific connection information

In the Box

1x SW-540-TX-W Transmitter
1x 12V DC Power Supply (US/UK/EU/AU)
2x 4-pin Terminal Blocks
2x Mounting Brackets with Screws
1x Quickstart Guide

Specifications

Audio and Video			
Inputs	1x VGA In: 15-pin VGA		
	1x Audio In: 3.5mm (1/8in) TRS Stereo		
	2x HDMI In: 19-pin type A		
	1x USB-C		
	Wireless Video from Airplay or Miracast Source		
Outputs	1x Mirrored HDBT Out: 8-pin RJ-45 Female		
	1x HDMI Out: 19-pin type A		
	1x HDMI Out: 19-pin type A (Output 2)		
	1x Audio Out: 3.5mm (1/8in) TRS Stereo		
Video Encoding	HDBaseT Class B		
Encoding Data Rate	9.2Gbps		
Mirrored Output Latency	10µs (micro seconds)		
Audio Formats	2ch Analog PCM		
Video Resolutions (Max)	Video Resolutions	Wired Input/Output	HDBT Output Cat6/6a
	VGA & Casting: 1920x1080p @60Hz 8bit	VGA: 8m/26.2ft	40m/131ft (4K @30Hz)
	HDMI & USB-C: 3840x2160p @30Hz 8bit 4:4:4	HDMI/USB-C: 7m/22.9ft	70m/230ft (1080p @60Hz)
Supported Standards	DCI RGB		
Maximum Pixel Clock	300MHz		
Communication and Control			
HDMI	HDMI HDCP 2.2 EDID DVI/D supported with adapter (not included) CEC		
HDBaseT	HDMI HDCP 2.2 EDID CEC USB RS-232		
USB	3 x USB 2.0 Type A device ports 5v 500mA per port 2 x USB 2.0 Type B host ports (assignable) USB bandwidth over HDBaseT limited to 190Mbps		
RS-232	1x RS-232 (Control): 4-pin Phoenix Provides 12V Power 1x RS-232 (Passthrough): 4-pin Phoenix Provides 12V Power		
Ethernet	1x 8-pin RJ-45 female (API Control)		
Wireless	2 x Wi-Fi Antennas IEEE 802.11 a/b/g/n/ac Dual-band 2.4 & 5GHz WEP, TKIP, AES, WPA, WPA2		
Power			
Power Supply	12V DC 2A		
Max Power Consumption	24W		
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		
Max BTU	82 BTU/hr		
Dimensions and Weight			
Rack Units/Wall Box	<1U		
Height	25mm/0.98in (Antennas Excluded) 180mm/7.08in (Antennas Included)		
Width	215mm/8.46in (Antennas Excluded) 215mm/8.46in (Antennas Included)		
Depth	140.2mm/5.51in (Antennas Excluded) 180mm/7.08in (Antennas Included)		
Weight	0.97kg/2.13lbs		
Regulatory			
Safety and Emission	CE FCC RoHS RCM EAC		

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