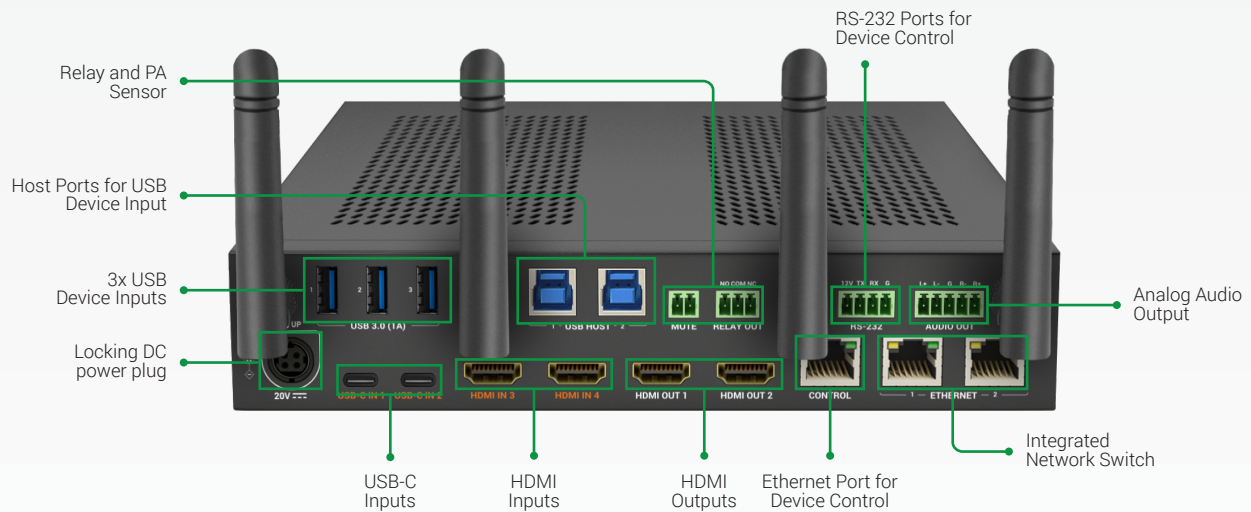## 4-Input 4K Presentation Switcher with Matrix Outputs, USB 3.0, Multiview & Wireless Casting

SW-640L-TX-W

WyreStorm®

Specification Sheet

RS-232 Ports for Device Control

Relay and PA Sensor

Host Ports for USB Device Input

3x USB Device Inputs

Locking DC power plug

Analog Audio Output

USB-C Inputs

HDMI Inputs

HDMI Outputs

Ethernet Port for Device Control

Integrated Network Switch

WyreStorm - Powerful. Reliable. Simple.

Introduction

The SW-640L-TX-W is an advanced presentation switcher, tailored to meet the dynamic requirements of modern meeting spaces and conference rooms. This upgraded model boasts significant enhancements. Key improvements include two USB-C inputs with 60W PD for receiving dual video signals. The switcher now features an upgraded USB 3.0 switcher, further enriched by the support for a wireless host through the APO-DG2/APO-DG2-PRO. This addition allows for more flexible and convenient connections.

Key Features

- Automatic or manual switching of 4 connected sources (2 HDMI & 2 USB-C) with assignable USB host connection
- 60W PD on the USB C Ports
- Supports input resolutions up to 4K30 4:4:4 via USB-C or HDMI
- Wireless screensharing via Apple Airplay or Miracast
- Dual output via HDMI
- Multiview processing up to 4 simultaneous sources
- Analog audio output allows extraction of Audio.
- Compatible with all major conference software including Zoom, Microsoft Teams, Cisco WebEx and more
- Built-in USB 3.0 hub for connection of peripheral devices such as speakerphones or cameras
- Fast switching in both single view and Multiview modes
- USB-C input supports alt-mode for both A/V, Ethernet, and Data

communication over a single cable
- API uses Telnet over TLS for secure and encrypted communication
- 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
- Relay and PA Sensor

In the Box

1x SW-640L-TX-W
1x 20V 10A Power Supply (US/UK/EU/AU)
4x Plastic Mounting Brackets
1x 2-pin Phoenix Connector (for PA Sensor)
1x 3-pin Phoenix Connector (for Relay)

1x 4-pin Phoenix Connector (for RS-232)
1x 5-pin Phoenix Connector (for Audio Out)
4x Wi-Fi Antennas
1x Quickstart Guide

INT: +44 (0) 1793 676 683 | US: 844.280.WYRE (9973)
support@wyrestorm.com

Specifications

Audio and Video	
Inputs	2x HDMI In: 19-pin Type A 2x USB-C Wireless Video from Airplay or Miracast Source APO-DG2 casting dongle (sold seperatley)
Outputs	2x HDMI Out: 19-pin Type A 1x Analog Audio Out (5-pin Phoenix Male Connector)
Output Video Encoding	HDMI
Audio Formats	2ch PCM
Video Resolutions (Max)	USB-C In - 3840x2160p @30Hz 4:4:4 HDMI In - 3840x2160p @30Hz 4:4:4 HDMI Out 1 - 3840x2160p @60Hz 4:4:4 HDMI Out 2 - 3840x2160p @30Hz 4:4:4
Supported Standards	DCI | RGB
Maximum Pixel Clock	300MHz
Communication and Control	
HDMI	HDMI Out 1 - HDCP 2.2 HDMI In & HDMI Out 2 - HDCP 1.4
USB	3x USB 3.0 Type A device ports | 5v 1000mA per port 2x USB 3.0 Type B host ports (assignable)
RS-232	1x 4-pin Phoenix (API control) | Provides 12V Power
LAN	3x 8-pin RJ-45 Ethernet Ports
Wireless	4x Wi-Fi Antennas | IEEE 802.11 a/b/g/n/ac | Dual-band 2.4 & 5GHz | WEP, TKIP, AES, WPA, WPA2 WiFi Operation Frequency: 2.4G: 2412MHz~2462MHz 5G: 5150MHz~5250MHz 5.8G: 5725MHz~5850MHz Maximum Power: 802.11n/MCS7 : 14 dBm ± 2 dB 802.11ac/MCS8 : 13 dBm ± 2 dB 802.11ac/MCS9 : 12 dBm ± 2 dB
Power	
Power Supply	20V 10A
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	540 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height	42mm/1.65in (Antennas Excluded) | 90.9mm/3.57in (Antennas Included)
Width	215mm/8.46in (Antennas Excluded) | 215mm/8.46in (Antennas Included)
Depth	180.2mm/7.1in (Antennas Excluded) | 210.7mm/8.3in (Antennas Included)
Weight	1.2Kg/3.74lbs
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.