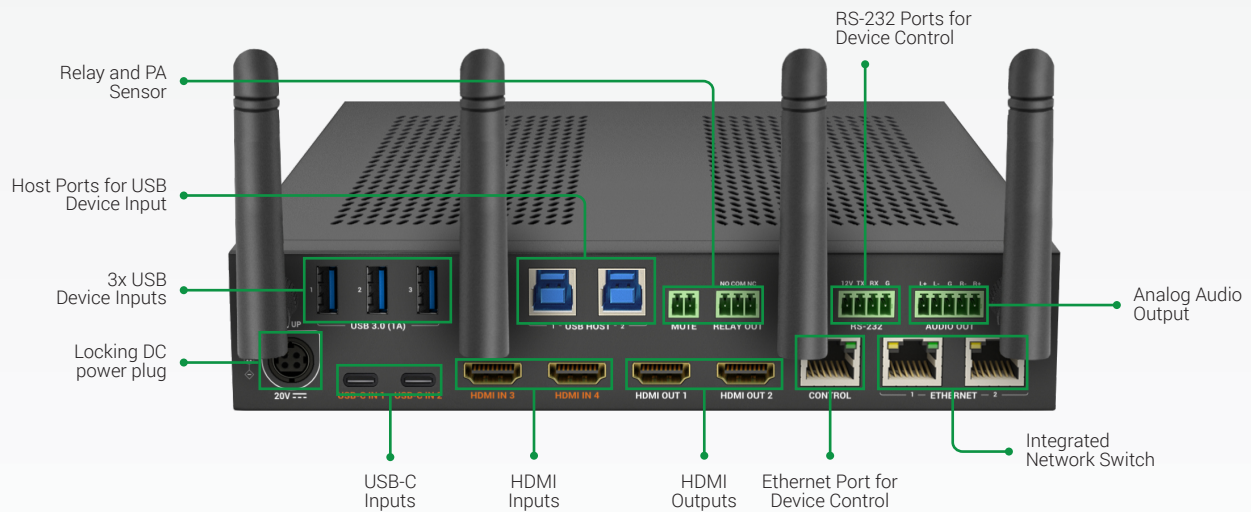


4-Input 4K Presentation Switcher with Matrix Outputs, USB 3.0, Multiview & Wireless Casting

SW-640L-TX-W

WyreStorm
Specification Sheet



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 4-pin Phoenix Connector (for RS-232)
1x 20V 10A Power Supply (US/UK/EU/AU)	1x 5-pin Phoenix Connector (for Audio Out)
4x Plastic Mounting Brackets	4x Wi-Fi Antennas
1x 2-pin Phoenix Connector (for PA Sensor)	1x Quickstart Guide
1x 3-pin Phoenix Connector (for Relay)	

Specifications

Audio and Video	
Inputs	2x HDMI: 19-pin type A 2x USB-C Wireless Video from Airplay or Miracast source
Outputs	2x HDMI: 19-pin type A 1x Analog Audio Output (5-pin Phoenix Male Connector)
Output Video Encoding	HDMI
Audio Formats	2ch PCM
Video Resolutions (Max)	3840x2160p @30Hz 8bit 4:4:4
Supported Standards	DCI RGB
Maximum Pixel Clock	300MHz
Communication and Control	
HDMI	HDMI HDCP 2.2 EDID
USB	3 x USB 3.0 Type A device ports 5v 1000mA per port 2 x USB 3.0 Type B host ports (assignable)
RS-232	1x 4-pin Phoenix (API control) Provides 12v power
LAN	2x 8-pin RJ-45 for API control (Telnet, TLS, HTTP/HTTPS for webUI)
Wireless	2x Wi-Fi Antennas IEEE 802.11 a/b/g/n/ac Dual-band 2.4 & 5GHz WEP, TKIP, AES, WPA, WPA2 Max. E.I.R.P.: 16.38dbm (43.45mW)
Power	
Power Supply	20V 10A
Max Power Consumption	160W
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	42mm/1.651in
Width	215mm/8.46in
Depth	180mm/7.08in
Weight	
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA