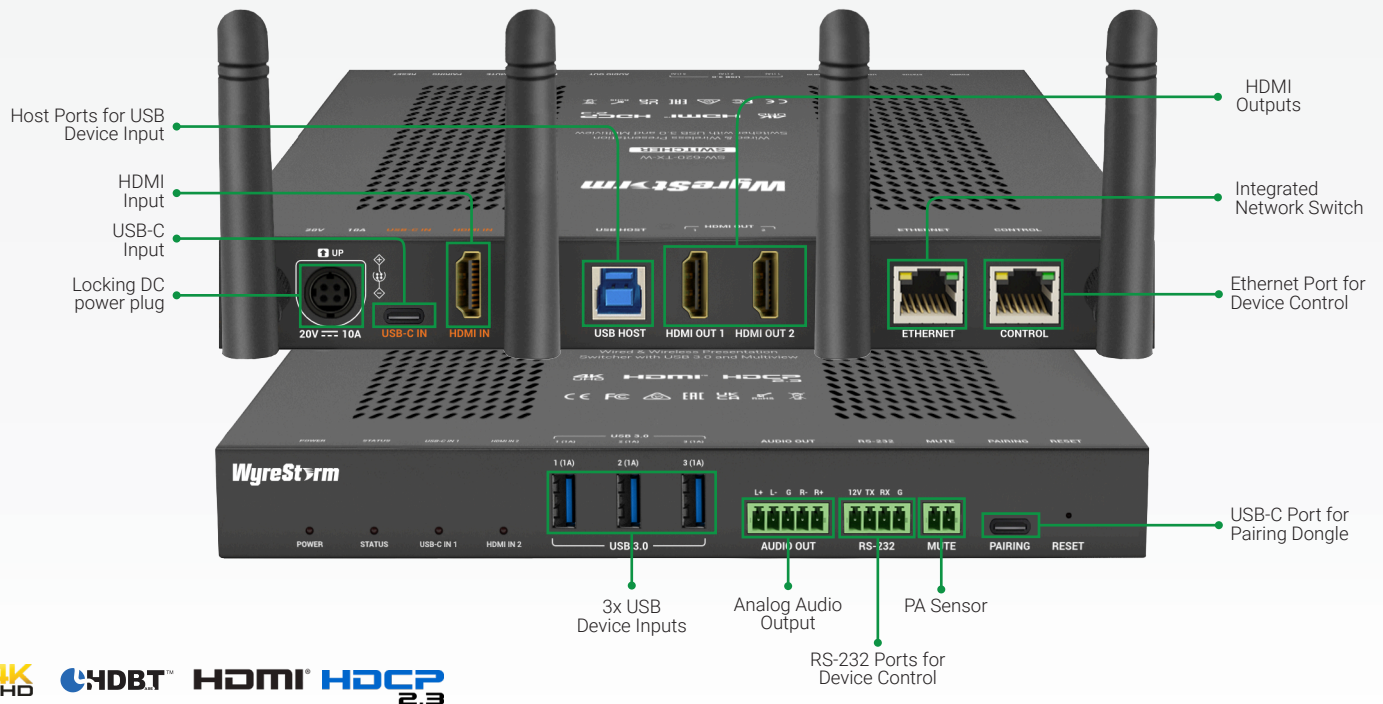


4K Presentation Switcher with 2-Inputs, advanced USB-C integration, 100W USB-C Power Delivery, Multi-Stream Transport, Multiview & Wireless Casting

SW-620-TX-W

WyreStorm
Specification Sheet



4K UHD CHDBT™ HDMI™ HDCP 2.3

WyreStorm - Powerful. Reliable. Simple.

Introduction

The SW-620-TX-W is an advanced presentation switcher, tailored to meet the dynamic requirements of modern meeting spaces and conference rooms. This model boasts significant enhancements. Key improvements include USB-C input with 100W PD for receiving dual video signals. The switcher now features an upgraded USB 3.0 switcher, further enhanced by the support for wireless host through the APO-DG2/APO-DG2-PRO. This addition allows for more flexible and convenient connections.

Key Features

- Provides a USB-C and HDMI input, plus two HDMI outputs.
- USB-C Input supports dual-video input (MST), charging up to 100W, Ethernet connection, and USB 3.0 transmission.
- Supports two HDMI outputs in single view, or one HDMI Multiview output.
- Supports input resolutions up to 4K@30Hz 4:4:4 and output resolutions up to 4K@60Hz 4:4:4 (HDMI OUT 1 only).
- Fast seamless switching for both single and Multiview mode.
- Built-in Wi-Fi modules for wireless connectivity with devices over Airplay Mirroring, Miracast, APO-DG2, APO-DG2-PRO.
- Supports wireless conference (using Dongle for connecting between the host PC and USB peripherals wirelessly).
- Built-in USB 3.0 switcher allows USB switching among 1 USB host and Wireless dongles (APO-DG2, APO-DG2-PRO).
- 2 Ethernet ports for networking flexibility/security and Ethernet passthrough to USB-C and USB-B hosts.
- Detailed and friendly OSD information.

In the Box

- 1x SW-620-TX-W
- 1x Power adapter 20V/10A DC
- 4x AC cables, US, EU, UK, AU specifications respectively
- 1x 2-Pin Phoenix connector for MUTE port
- 1x 4-Pin Phoenix connector for RS232
- 1x 5-Pin Phoenix connector for analog audio output
- 4x Wi-Fi antennas
- 4x Mount brackets with screws
- 1x Quickstart Guide (This Document)

Specifications

Audio and Video	
Inputs	1x HDMI: 19-pin type A, up to 4K@30Hz 4:4:4 8bit 1x USB-C, Video input with MST, up to 2x 4K@30Hz Wireless Video from APO-DG2, APO-DG2-PRO (1080@60Hz, 2160@30Hz), Airplay or Miracast source (1080@60Hz)
Outputs	2x HDMI: 19-pin type A, Output 1 – 4K@60Hz 4:4:4 8bit, Output 2 – 4K@30Hz 4:4:4 8bit, 1x Analog Audio Output (5-pin Phoenix Male Connector)
Output Video Encoding	HDMI
Audio Formats	2ch PCM
Supported Standards	DCI RGB
Maximum Pixel Clock	300MHz (600MHz on HDMI OUT1)
Communication and Control	
HDMI	HDMI CEC HDCP 2.3 EDID
RS-232	1x 4-pin Phoenix (API control) Provides 12v power
USB	3 x USB 3.0 Type A device ports 5v 1000mA per port 1 x USB 3.0 Type B host port (assignable) 1 x USB 3.0 Type-C port
LAN	2x 8-pin RJ-45 for API control (Telnet, TLS, HTTP/HTTPS for webUI)
Wireless	4x 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.: 16.38 dBm (43.45mW) WiFi Operation Frequency: Maximum Power: 2.4G: 2412MHz~2462MHz 14.89 dBm (E.I.R.P.) 5G: 5180MHz~5240MHz 16.38 dBm (E.I.R.P.) 5.8G: 5745MHz~5805MHz 10.81 dBm (E.I.R.P.)
Power	
Power Supply	20V 10A
Max Power Consumption	132W
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	450 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height	25mm/0.98in
Width	215mm/8.46in
Depth	160mm/6.30in
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA