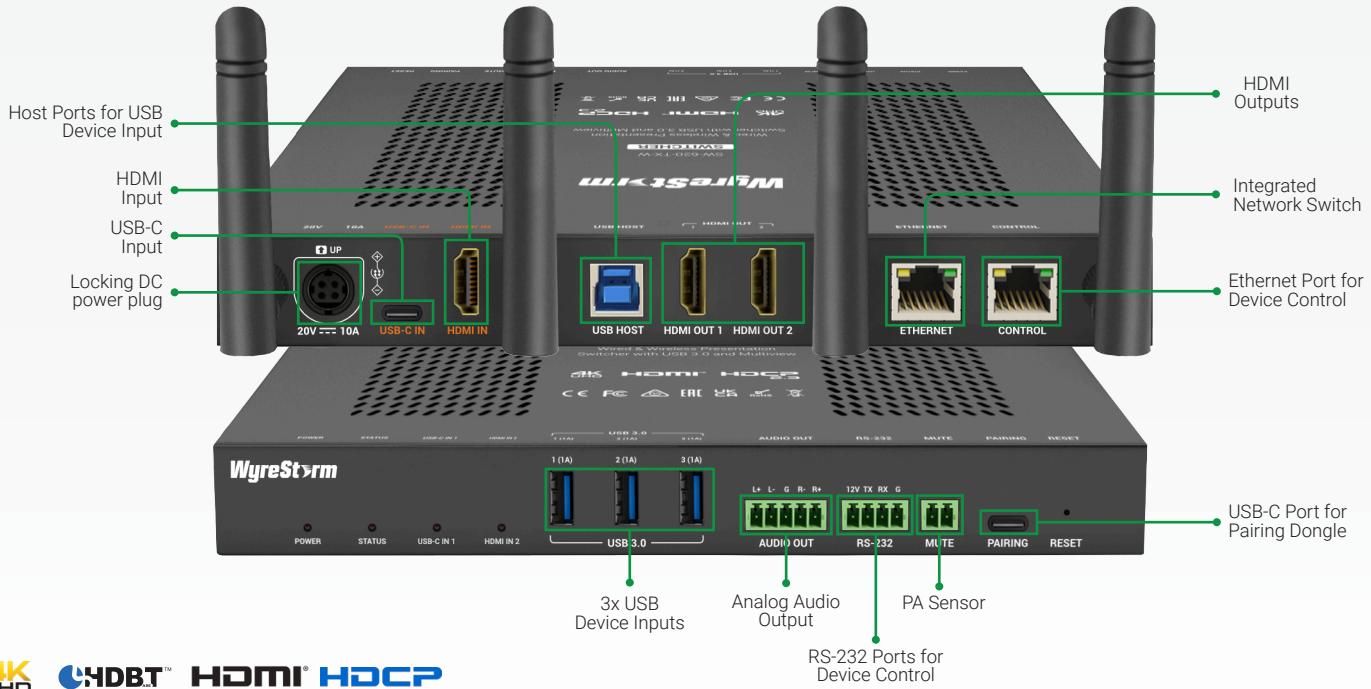


**4K Presentation Switcher with 2-Inputs, advanced USB-C integration,  
100W USB-C Power Delivery, Multi-Stream Transport, Multiview  
& Wireless Casting**

**SW-620-TX-W**

**WyreStorm**  
**Specification Sheet**



**4K UHD** **4HDBT™** **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 Mount brackets with screws
- 1x Quickstart Guide (This Document)

## Specifications

Audio and Video	
<b>Inputs</b>	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)
<b>Outputs</b>	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)
<b>Output Video Encoding</b>	HDMI
<b>Audio Formats</b>	2ch PCM
<b>Supported Standards</b>	DCI   RGB
<b>Maximum Pixel Clock</b>	300MHz (600MHz on HDMI OUT1)
Communication and Control	
<b>HDMI</b>	HDMI CEC   HDCP 2.3   EDID
<b>RS-232</b>	1x 4-pin Phoenix (API control)   Provides 12v power
<b>USB</b>	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
<b>LAN</b>	2x 8-pin RJ-45 for API control (Telnet, TLS, HTTP/HTTPS for webUI)
<b>Wireless</b>	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: 2.4G: 2412MHz~2462MHz Maximum Power: 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	
<b>Power Supply</b>	20V 10A
<b>Max Power Consumption</b>	132W
Environmental	
<b>Operating Temperature</b>	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
<b>Storage Temperature</b>	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
<b>Maximum BTU</b>	450 BTU/hr
Dimensions and Weight	
<b>Rack Units/Wall Box</b>	<1U
<b>Height</b>	25mm/0.98in
<b>Width</b>	215mm/8.46in
<b>Depth</b>	160mm/6.30in
Regulatory	
<b>Safety and Emission</b>	CE   FCC   RoHS   RCM   EAC   UKCA