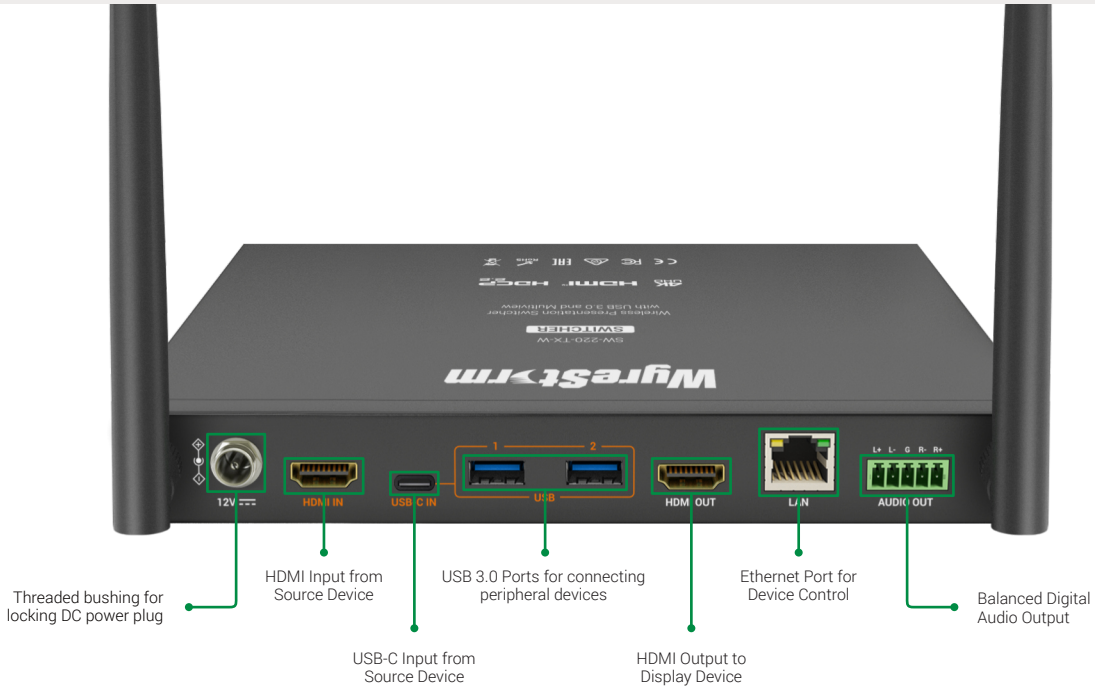
2-Input 4K Presentation Switcher with Wireless Casting

SW-220-TX-W

WyreStorm

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Key Features

- Automatic or manual switching of 2 connected sources (1 HDMI & USB-C)
- 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 triggering of connected display through HDMI or HDBaseT output.
- USB-C input supports alt-mode for both A/V and data communication over a single cable
- API uses Telnet over TLS for secure and encrypted communication
- Integrated web server 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-220-TX-W Transmitter
1x 12V DC Power Supply (US/UK/EU/AU)
1x 5-pin Terminal Block
2x Mounting Brackets with Screws
1x Quickstart Guide (this document)

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Specifications

Audio and Video	
Inputs	1x HDMI 1x USB-C with Alt-Mode Wireless video from Airplay, Miracast or APO-DG1
Outputs	1x HDMI 1x Audio Out: 5-pin balanced phoenix
Video Resolutions (Max)	Wireless Casting: 1920x1080p @30Hz HDMI & USB-C: 3840x2160 @30Hz 4:4:4 8bit
Video Encoding	Uncompressed HDMI
HDMI Bandwidth	10.2Gbps
Audio Formats	2ch PCM
Maximum Pixel Clock	300Mhz
Supported Standards	DCI | RGB | HDR10 | HLG | BT.2020
Communication and Control	
HDMI	HDMI 1.4 | HDCP 1.4 | EDID | CEC
USB	2x USB 3.2 Gen1 Type A device ports | USB-1: 5v 1A, USB-2: 5v 500mA 1x USB 3.2 Gen1 Type C host port Max USB bandwidth: 5Gbps
Ethernet	1x 8-pin RJ-45 (API control & WebUI)
Wireless	2x 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
Power Consumption	12w
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	41 BTU/hr
Dimensions and Weight	
Length x Width x Height	215mm/8.46" x 25mm/0.98" x 120.2mm/4.73" (Antennas not included)
Weight	0.68kg/1.5lbs
Regulatory	
Safety and Emission	CE | FCC | RoHS | RCM | EAC