PRODUCTS › SWITCHERS

TC-PSWC-W

2×1 4K60 BYOD Presentation Switcher (Wireless / USB-C)

A guest's laptop on the room display, wirelessly or on one USB-C cable



Dual-view
two sources on screen at once, laid out automatically

AirPlay
Miracast · USB-C dongle · built-in dual-band Wi-Fi

USB-C
video, USB 3.0, network and 60 W charging on one cable

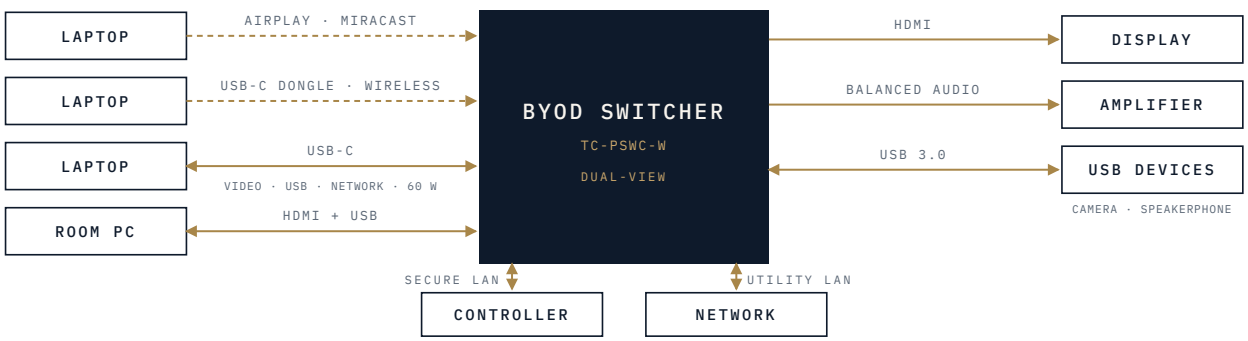
4K60
HDMI output · 4:4:4 · HDCP 2.2 · wired inputs to 4K30

TC-PSWC-W takes a guest's laptop three ways: AirPlay mirroring or Miracast over its built-in Wi-Fi, at up to 1080p60; the **TC-DONGLE-W** USB-C dongle (sold separately), at up to 4K30; or one USB-C cable carrying video, USB 3.0, network and charging at up to 60 W. An HDMI input takes the room PC. Two sources can share the screen, laid out automatically, on an HDMI output at up to 4K @ 60 Hz 4:4:4.

The room's camera and speakerphone, on three USB 3.0 ports, connect to whichever computer was most recently connected by USB-C or USB-B, so a guest on the USB-C cable can run the call on the room's equipment. In isolated mode the secure LAN is reserved for the room controller. Control is by web browser or Telnet, with an RS-232 port for a room controller.

01 KEY CAPABILITIES

- Up to two sources on screen at once (dual-view), laid out automatically as sources join
- One USB-C cable carries video, USB 3.0, network and charging at up to 60 W
- Two Ethernet ports, with an isolated mode that reserves the secure LAN for the room controller
- Wireless casting: AirPlay mirroring and Miracast built in, or the **TC-DONGLE-W** USB-C dongle (sold separately)
- Built-in USB switcher: the room's camera and speakerphone connect to the computer most recently connected by USB-C or USB-B
- 4K @ 60 Hz 4:4:4 output



SIGNAL PATH · WIRELESS OR ONE USB-C CABLE IN; THE CAMERA FOLLOWS THE CABLED COMPUTER

02 VIDEO

HDCP	HDCP 1.4 on inputs · HDCP 2.2 on the output
Maximum resolution	Inputs up to 3840 × 2160 @ 30 Hz · output up to 3840 × 2160 @ 60 Hz
Bandwidth	HDMI in 9 Gbps · HDMI out 18 Gbps · USB-C 8.1 Gbps per DP lane, 5 Gbps USB 3.0
Colour depth	8-bit · RGB or YCbCr 4:4:4 / 4:2:2
Multiview	Up to two concurrent sources (dual-view)

03 AUDIO

Analogue audio output	Balanced stereo (5-pin 3.5 mm Phoenix)
Other audio formats	Input PCM 16-bit, 2-ch, 32 / 44.1 / 48 kHz · HDMI output PCM 16-bit, 2-ch, 48 kHz

04 TRANSPORT & DISTANCE

Network	2 × 10/100/1000 Ethernet · transparent or isolated mode (secure LAN reserved for the controller)
Wireless	2 × Wi-Fi 802.11 a/b/g/n/ac · dual band 2.4 / 5 GHz · 2T2R to 867 Mbps · WEP, TKIP, AES, WPA, WPA2
Wireless casting	AirPlay mirroring (to 1080p60) · Miracast (to 1080p60) · USB-C dongle (to 2160p30)

05 CONNECTIVITY

Inputs	1 × USB-C (video, USB 3.0 host, USB-to-Ethernet bridge, charging to 60 W) · 1 × HDMI
Outputs	1 × HDMI · 1 × balanced analogue audio
USB	3 × USB 3.0 Type-A device (1 A each) · 1 × USB 3.0 Type-B host · USB-C input as second host · USB-C pairing/update port (USB 2.0)
Control ports	RS-232 (3-pin 3.5 mm Phoenix)
Other ports	4 × SMA Wi-Fi antenna connectors · DC 20 V screw-lock input

06 CONTROL

Control methods	Built-in web server (configuration, firmware) · Telnet CLI · RS-232 port for a room controller or peripheral
EDID management	Fixed default, user-customisable, up to 3840 × 2160 @ 30 Hz 4:4:4
Switching	Automatic by default — a source is shown once connected, and the layout adds views as sources join · manual via API · audio follows the video most recently brought on screen · USB switched independently of video, following the most recent host
Firmware update	Upload through the web UI, or automatic from a USB drive

07 ELECTRICAL & PHYSICAL

Power supply	20 V DC (5.5 / 2.1 mm screw-lock) · 20 V 6 A adapter
Dimensions (W × D × H)	215 × 160 × 25 mm
Housing	Sheet steel, painted
Mounting	On or under the desk, or ceiling

08 COMPLIANCE & ASSURANCE

Certification statement	Designed for global compliance — CE, FCC, RoHS, and regional certifications, as applicable.
Warranty	3 years

09 IN THE BOX

In the box	20 V 6 A power supply · 4 mounting ears and screws · 4 Wi-Fi antennas · 3-pin and 5-pin 3.5 mm Phoenix connectors

10 ORDERING

Order code	**TC-PSWC-W**

PRODUCT PAGE

telecis.com/products/switchers/tc-pswc-w/

VIEWS

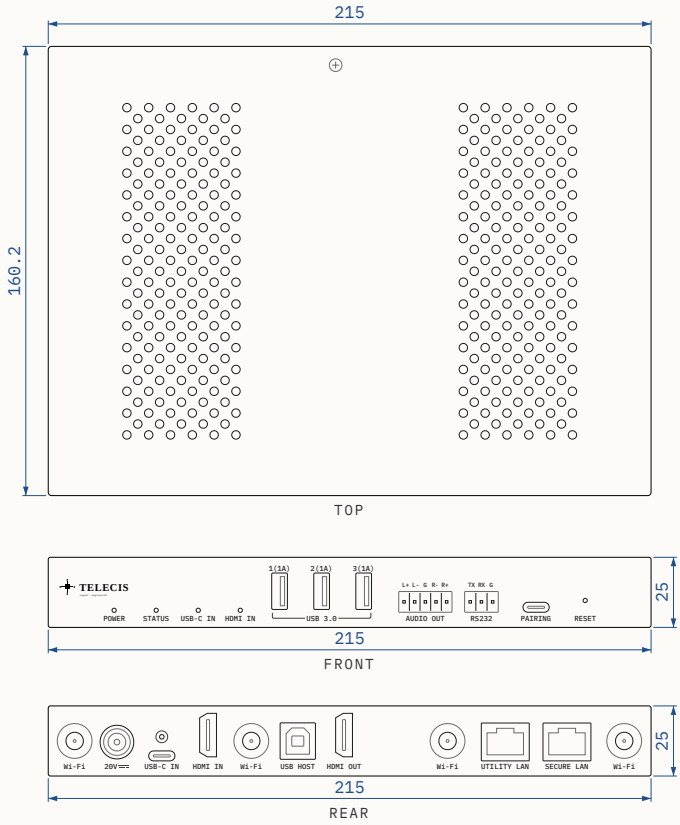


REAR



FRONT AND REAR PANELS

OUTLINE DRAWING · DIMENSIONS IN MM



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