TC-DONGLE-W

4K Wireless Presentation Dongle (USB-C)

A laptop's screen on the room display, at the press of one button

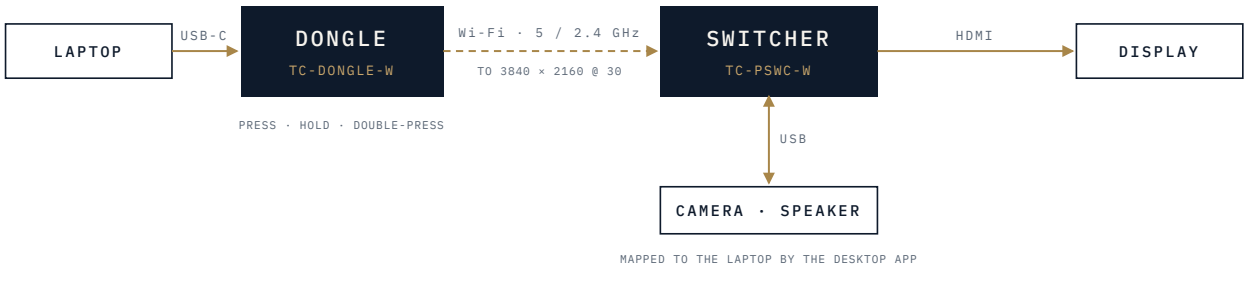
3840 × 2160	USB-C	No driver	Dual band
@ 30 fps · with audio	DisplayPort Alt Mode · integrated cable · bus-powered	to cast: Windows, Android, macOS	Wi-Fi · 5 GHz by default, or 2.4 GHz

TC-DONGLE-W casts a laptop's screen, with its audio, to the **TC-PSWC-W** presentation switcher at up to 3840 × 2160 @ 30 fps. It plugs into the laptop's USB-C port (DisplayPort Alt Mode) on its integrated cable, takes its 5 V power from that port, and links to the switcher over dual-band Wi-Fi: 5 GHz by default, or 2.4 GHz. Casting needs no driver, on Windows, Android or macOS.

One button runs it: press to share, hold for 2 s for full screen, double-press to freeze the picture, press again to disconnect; one press also moves the USB host to this dongle when several are in the room. With the desktop app (Windows 10/11, macOS), the room's USB camera (up to 1080p30, MJPEG) and most USB speakerphones are mapped to the laptop for the call, and on Windows, touch on the room display works back to the laptop during the session. USB keyboards and mice, and the microphone of a combined USB camera, are not supported. The firmware lives on the dongle, and the app prompts an update when versions differ. The dongle measures 69 × 69 × 14 mm, in plastic.

01 KEY CAPABILITIES

— Plug and play: wireless casting needs no driver



SIGNAL PATH · THE LAPTOP TO THE ROOM DISPLAY OVER WI-FI; THE ROOM'S CAMERA BACK TO THE LAPTOP

02 VIDEO

Maximum resolution	3840 × 2160 @ 30 fps, with audio

03 TRANSPORT & DISTANCE

Wireless	Dual band — 5 GHz default, 2.4 GHz

04 CONNECTIVITY

Connectors	1 × USB-C (DisplayPort Alt Mode), integrated cable

05 CONTROL

Switching	One press moves the USB host between dongles in the same room
Firmware update	Firmware lives on the dongle; the desktop app prompts an update when versions differ
Operation	Press to share · hold 2 s for full screen · double-press to freeze · press again to disconnect
Operating systems	Casting: Windows, Android, macOS · desktop app: Windows 10/11, macOS
Wireless conferencing	Desktop app maps the room's USB camera (to 1080p30, MJPEG) and most USB speakerphones to the laptop
USB HID touch-back	Windows only, during an active wireless-conferencing session; not on macOS
Not supported	USB keyboard and mouse · microphone of a combined USB camera
Pairs with	**TC-PSWC-W**

06 ELECTRICAL & PHYSICAL

Power supply	5 V, bus-powered over USB-C
Dimensions (W × D × H)	69 × 69 × 14 mm
Housing	Plastic

07 COMPLIANCE & ASSURANCE

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

08 IN THE BOX

In the box	Dongle · quick-start guide

09 ORDERING

Order code	**TC-DONGLE-W**

PRODUCT PAGE

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

Preliminary specification: pre-production values that may change before release. The final specification is issued with the shipping product. Specifications are subject to change without notice. HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. USB Type-C and USB-C are trademarks of USB Implementers Forum. DisplayPort is a trademark of the Video Electronics Standards Association. Wi-Fi is a trademark of Wi-Fi Alliance. Windows is a trademark of Microsoft Corporation; macOS is a trademark of Apple Inc.; Android is a trademark of Google LLC. Other product names, brand names, and trademarks referenced are the property of their respective owners. Reference to such marks does not imply endorsement or affiliation.

signal · engineered.