TSW-1080-UC-B

10.1 in. Wall Mount Touch Screen, Unified Communication Version



- *Next generation Crestron wall mount touch screen featuring integrated UC system control*
- *10.1 in. (257 mm) widescreen active-matrix color display and 1920x1200 WUXGA display resolution*
- *Capacitive touch screen display*
- *Built-in speakers*
- *Built-in Bluetooth® communications beacon*
- *Pairs with AirMedia® devices to act as an AirMedia controller*
- *Single wire Ethernet connection with PoE or PoE+ power*
- *Wi-Fi® network connectivity*
- *USB-C 2.0 port for room availability accessories and conferencing*
- *Enterprise grade security and authentication*
- *Web or device-based configuration*

UC System Compatibility

The TSW-1080-UC-B is capable of interfacing with a compatible UC system. The TSW-1080-UC-B integrates directly with the Crestron Collab Compute to allow the user to control their meeting space, including lighting, shades, and other AV equipment.

BYOD Conferencing with Collab Compute (Coming Soon)

The TSW-1080-UC-B can connect to a laptop or personal device via USB-C connection for presentation and conferencing via Crestron Collab Compute. This conferencing solution shares screen content, presentation data, and gives access to a meeting room's cameras, microphones, and speakers.

Wired Connectivity

An Ethernet LAN connection is all that is required to install the TSW-1080-UC-B, containing all control, video, and power signals within a single wire.

Power over Ethernet

Using PoE technology, the TSW-1080-UC-B gets its operating power directly through the network cable. PoE (Power over Ethernet) eliminates the need for a local power supply or any dedicated power wiring. Crestron PoE switches offer a total networking solution with built in PoE for multiple touch screens. Refer to the full list of supported PoE switches here.

> **NOTE:** Refer to the Power specifications for more details.

Enterprise-Grade Security

Crestron touch screens employ enterprise-grade networking with robust security features such as 802.1X authentication, MDEP, TLS encryption, HTTPS connectivity, and Active Directory® service integration.

Room Scheduling Accessories

The TSW-1080-UC-B provides a USB-C port for connecting supported Crestron room scheduling accessories to the touch screen.[3]

Optional Mounting Accessories

The TSW-1080-UC-B supports numerous optional mounting accessories that allow the touch screen to be installed in all kinds of installations.

- The TSW-880/1080-MSMK multisurface mount kit allows a touch screen to be mounted directly to virtually any flat surface.[2]
- The TSW-880/1080-MUMK allows the touch screen to be attached to the mullion of an interior glass wall, window, or partition.[2]
- The TSW-880/1080-MSMK-ANG multisurface mount kit allows a touch screen to be mounted directly to virtually any flat surface while displaying at an angle for easier viewing.

The TSW-1080-UC-B is also compatible with Wall-Smart® flush wall mount products via a partnership with Crestron. Refer to Wall-Smart for more information on supported hardware.

Specifications

Touch Screen Display

Display Type	TFT active matrix color LCD
Size	10.1 in. (257 mm) diagonal
Aspect Ratio	16: WXGA
Resolution	1920 x 1200 pixels
Brightness	Minimum: 350 nits (cd/m²) Maximum: 400 nits (cd/m²)
Contrast	1000:1
Color Depth	24 bit, 16.7M colors
Illumination	Edgelit LED with auto brightness control
Viewing Angle	±80° horizontal, ±80° vertical

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Touch Screen	Projected capacitive, 5 point multitouch capable

Buttons

Virtual Buttons	(6) Virtual buttons in collapsible universal tool bar, per button show/hide, preconfigured with icons for Power, Home, Lights, Up, Down, and Microphone
Reset	(1) Pin hole on bottom for hardware reset

Memory

RAM	8GB LPDDR4
Storage	40GB eMMC pSLC
Maximum Project Size	1000 MB

Wired Communications

Ethernet	1000Mbps, autoswitching, autonegotiating, autodiscovery, full/half duplex, TCP/IP, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), IEEE 802.1X, SNMP, IPv4 or IPv6, Active Directory® service authentication, HTTPS web browser setup, IEEE 802.3 at compliant
USB	USB 2.0 host for room scheduling accessories

Wireless Communications

Transceiver	IEEE 802.11a/b/g/n/ac/ax Wi-Fi 6E (2.4, 5 GHz and 6GHz) 2x2 MIMO, static IP or dynamic IP via DHCP
Security	64 and 128-bit WEP, WPA, WPA2, WPA3, WPA Enterprise and WPA2 Enterprise
Range	Up to 50 ft (15 m), subject to site-specific conditions
Bluetooth® Hardware	BLE, BT5.2, 33 ft (10 m) typical range
Radio Frequency (RF) signals	Proximity sensor (Japan): 60.5 to 61 GHz Proximity sensor (Worldwide): 61 to 61.5 GHz

Compatible Systems

UC Systems	Crestron Collab Compute

Audio

Features	Built-in speakers

Connectors

LAN PoE	(1) 8-pin RJ-45 connector, female, with 2 LED indicators; 1000BASE-TX Ethernet port; PoE+ PD port; Green and yellow LEDs indicate Ethernet port status
USB	(1) USB Type C connector, female; USB 2.0 host port; USB 3.1 DisplayPort Alt Mode (coming soon)

Power

PoE (Power over Ethernet)	IEEE 802.3at Type 2 compliant PoE+ PD (Powered Device); Requests 30 W (PoE+ Class 4) from an 802.3at Type 2 PSE without LLDP; Requests 15.4 W (PoE Class 0) from an 802.3af (or 802.3at Type 1)

> **NOTE:** Enabling the USB port requires use of an 802.3 at Type 2 PoE+ PSE.

Environmental

Temperature	32 to 104°F (0 to 40°C)
Humidity	10% to 95% RH (noncondensing)
Heat Dissipation	44 BTU/hr

Construction

Housing	Die-cast housing, smooth black or white finish, glass with black or white surround
Mounting	Wall mount available separately

Dimensions

Height	5.96 in. (151 mm)
Width	9.68 in. (245 mm)
Depth	1.18 in. (30 mm)

Weight

19.4 oz (550 g)

Compliance

Regulatory Model: M202404002

FCC Part 15 Class B, IC Class B, CE, UL® Listed for US and Canada/Intertek®

Model

TSW-1080-UC-B
10.1 in. Tabletop Touch Screen, Unified Communication Version

Available Accessories

For supported accessories, visit the TSW-1080-UC-B product page at www.crestron.com.

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Notes:

1. Certain other functions require an internet connection.
2. Item(s) sold separately. Refer to each product's spec sheet for complete information.
3. A complete Zoom Rooms® solution requires a mini PC or Mac® computer running Zoom software, a Zoom Rooms subscription, plus additional peripherals and cables. Visit zoom.us/zoomrooms for more information about Zoom Rooms capabilities, hardware requirements, and subscription plans. For design assistance, contact the Crestron True Blue support team at www.crestron.com/support.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The original language version of this document is U.S. English.
All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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Specifications are subject to change without notice.

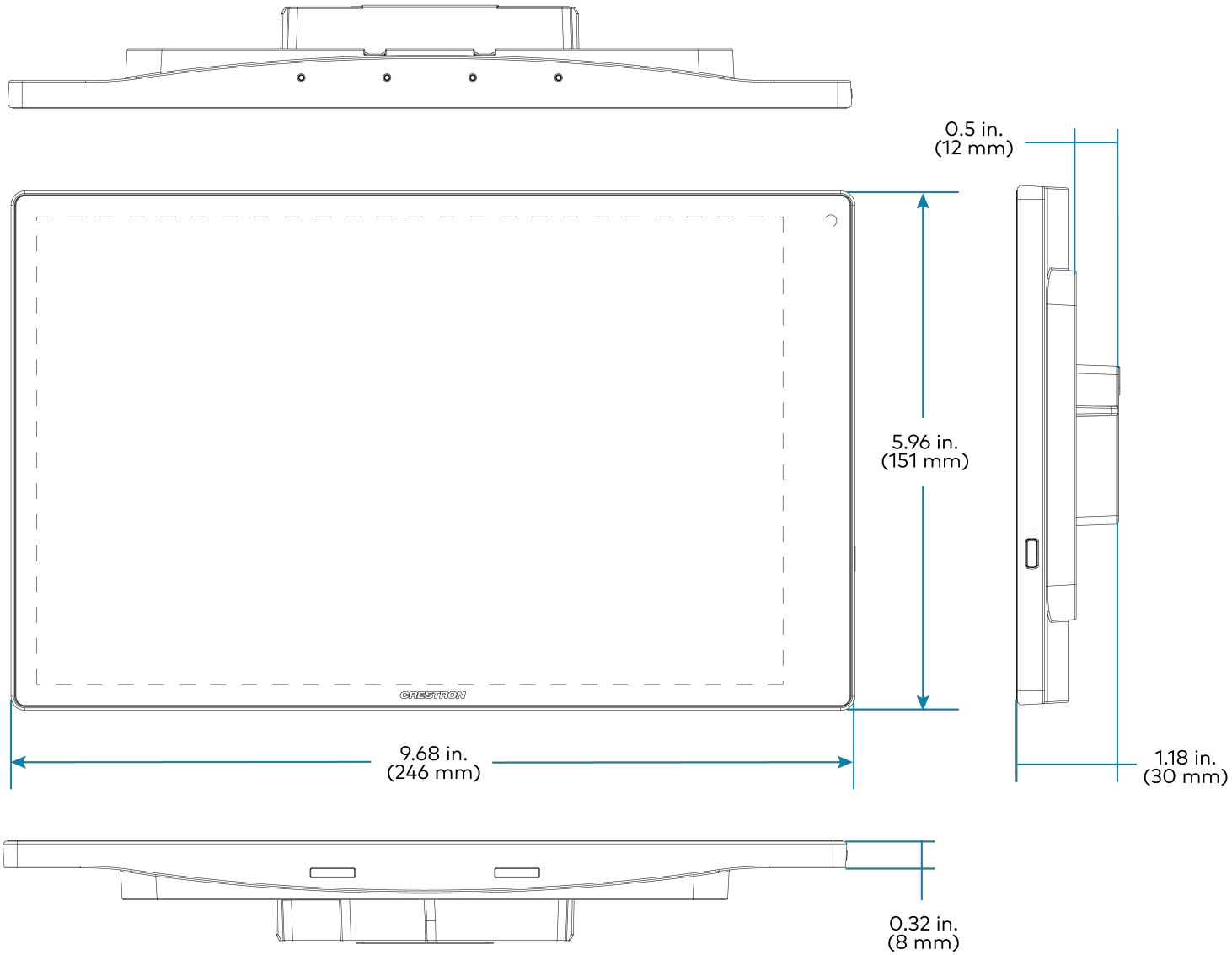
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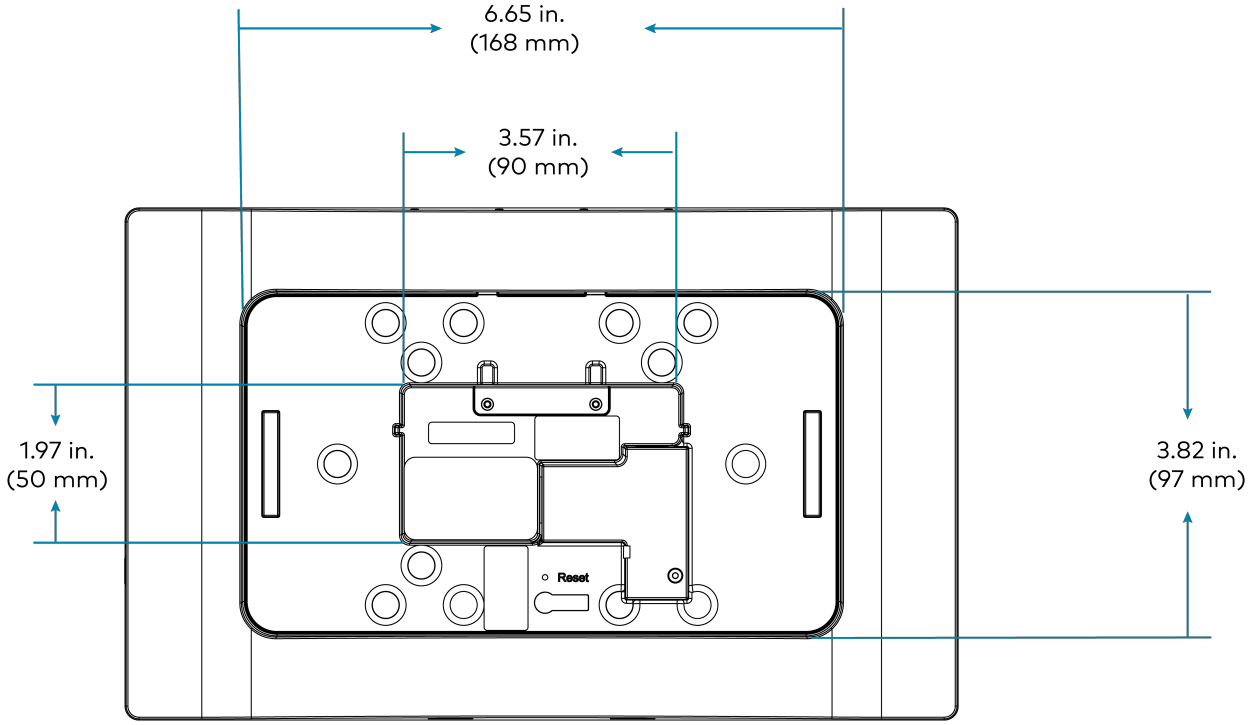
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