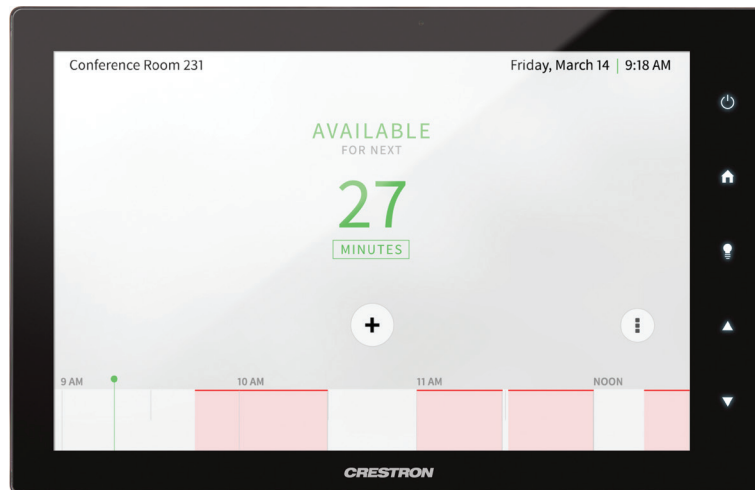


10.1" Room Scheduling Touch Screen

- > Provides a stylish wall mount touch screen designed specifically for enterprise room scheduling applications
- > Delivers a superior and cost-effective alternative to the use of consumer tablet devices
- > Integrates directly with Crestron Fusion®, Microsoft®, Google®, Robin®, Teem®, and EMS Software™ room scheduling services^[1,2]
- > Supports IBM® Notes® and CollegeNET® 25Live® through Crestron Fusion (on-premises server only)
- > 10.1" (257 mm) widescreen capacitive touch screen display with auto-brightness control
- > Standard US, UK, and Euro electrical box installation
- > Versatile mounting options for drywall, masonry, glass, granite, marble, wood paneling, and other surfaces
- > Angled mounting option facilitates mounting at an ADA compliant height
- > Optional light bar affords 180° visible indication of room availability status^[3]
- > Available hallway signs indicate status and room name/number down long corridors^[3]
- > Single-wire high-speed PoE or PoE+ network connection (refer to specifications)
- > Enterprise grade security featuring 802.1X, TLS, HTTPS, and Active Directory® support
- > Simple web-based configuration
- > Cloud-based provisioning and management support (one year XiO Cloud™ Premium subscription included)
- > SNMP monitoring support
- > Built-in PinPoint™ proximity detection beacon^[4]
- > Multi-language support^[1]
- > On-screen keyboard
- > Choice of white or black smooth finish
- > Complete kits are available including the touch screen, multi-surface mount kit, and choice of a light bar, status indicator, or hallway sign

Crestron® TSS-10 series room scheduling touch screens provide corporate enterprises and organizations with an invaluable productivity tool to enhance and simplify the scheduling of meeting rooms and spaces. They install at the entrance to each room and integrate seamlessly with a variety of popular scheduling services to provide indication of the room's availability and a view of its schedule for the day. Simple onscreen tools enable individuals to reserve the room, or find another available room, without having to pull out their phone or log onto a computer.

Crestron room scheduling touch screens help organizations to maximize productivity and realize the most usable time out of every room. If a room is currently reserved, the associated touch screen displays details about the current meeting, accented in red, so attendees can immediately confirm they're in the right place before entering the room. If the room is currently available, the screen states so in green and shows the time remaining until the next scheduled meeting. If desired, the room can be reserved on the spot for an ad hoc meeting.



If you wish to reserve a room for later in the day, just step up to any touch screen, swipe through the room's timeline for the day, and reserve the room for any available time slot. If that room isn't available when you want it, the touch screen can find you another available room nearby so you can book your meeting in place without running around the building. Additional optional functions include the abilities to check into a scheduled meeting, extend a meeting, end a meeting early, toggle between two languages, or limit access to various functions using PIN code authorization.^[1]

Works with many popular room scheduling providers

The TSS-10 comes with apps for all the most popular enterprise scheduling services.

- **Crestron Scheduling App** – Supports direct integration with **Crestron Fusion®**, Microsoft® Exchange (for users of Outlook® and Office 365®), and Google Calendar™ (including G Suite™).
- **Third-Party Apps** – Includes support for **Teem®**, **Robin®**, and **EMS Software™**. Other providers may be added in the future.
- **Additional Options** – Supports IBM® Notes® and CollegeNET® 25Live® through Crestron Fusion (on-premises server only).

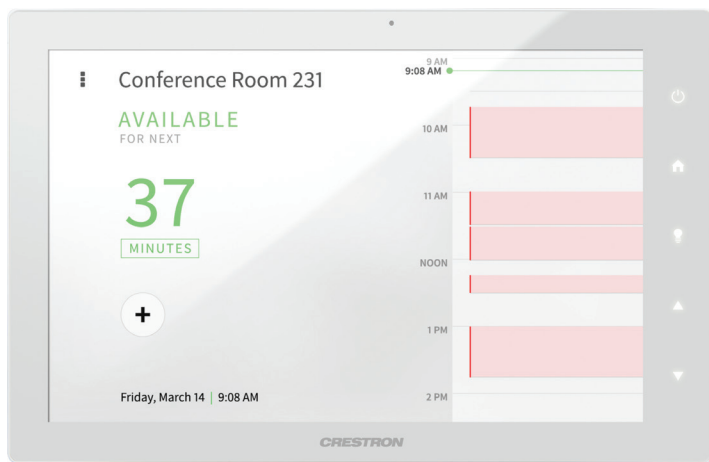
Whatever provider you choose, the setup is as simple as connecting each touch screen to the network and choosing your app from the web-based setup menu. The selected app downloads from the cloud and installs on the touch screen automatically. There is no programming or control system required.^[2]

Purpose-built for enterprise scheduling applications

The TSS-10 is an enterprise-grade device engineered to meet all the demands of a corporate office, conference center, or higher education environment. Its brilliant 10.1" (257 mm) capacitive display provides an intuitive and informative user interface dedicated for scheduling rooms and viewing essential meeting details. The UI can be customized and branded with your choice of background images and logos. A smaller 7" (178 mm) version (**TSS-7** series) is also available.^[1]



TSS-10 Series 10.1" Room Scheduling Touch Screen



- **Attractive** – The TSS-10 series features clean, contemporary styling and high-performance graphics for an appearance that fits right in with any office decor. Unlike the consumer tablet devices found in many room scheduling systems, the TSS-10 requires no bulky wall kit, power adapter, or network adapter to make it work. Its unitized construction composes everything in one compact unit that mounts over a standard electrical box or cutout, with high-speed Ethernet and PoE/PoE+ connectivity, so installation is quick and easy with just one network cable required.
- **Versatile** – Crestron offers a variety of mounting accessories to address all the challenges you're likely to encounter. Whether mounting flush to drywall or masonry, adhered to a glass wall, or angled for ADA compliance, we have you covered. Optional light bar and hallway sign accessories are available to increase the visibility of status indication and room identification in long corridors.
- **Reliable** – Consumer tablets are meant for mobile handheld use — not permanent installs. They rely on Wi-Fi®, which can be unreliable, and include batteries that can overheat and swell up when charged constantly. Their operating systems are subject to disruptive changes at the whim of the manufacturer, so consistency and stability can never be guaranteed. By contrast, Crestron touch screens are purpose-built for permanent installation and years of reliable 24/7 operation in a commercial environment. Wired network connectivity ensures dependable, high-speed performance. To keep things running smoothly with the latest features, the TSS-10 checks nightly for app updates and loads the latest version automatically.
- **Secure** – Crestron touch screens employ enterprise-grade networking with robust security features such as 802.1X authentication, TLS encryption, HTTPS connectivity, and Active Directory® integration. These features are imperative to protect your network against service interruptions and malicious intrusions, and to ensure compliance with your organization's stringent network policies.
- **Manageable** – Crestron touch screens feature cloud-based provisioning and management to streamline the process of configuring and monitoring every touch screen on the network and keeping them updated. They also support SNMP, so they can be monitored by your IT administrator alongside every other device on the network.

- **Cost-Effective** – Crestron touch screens offer clear advantages over other alternatives, but that doesn't mean they cost more. When all factors are considered, the TSS-10 series actually delivers a comparable or lower cost solution compared to buying tablets and adding all the extra peripherals and maintenance they require.

Enhanced status indication options

Adding the optional light bar accessory ([TSW-1060-LB Series](#)) to a TSS-10 produces a ring of light around the perimeter of the touch screen to provide 180° visual indication of the room's availability status. It's vivid color illumination can be seen with just a glance down the hallway, glowing green if a room is available and red when reserved.^[1,3]

As an alternative to the light bar, Crestron offers a selection of hallway signs and indicators that mount on the wall or ceiling above each touch screen and illuminate green or red according to the room's availability status. The [SSW](#) and [SSC](#) series hallway signs both feature a two-sided acrylic sign face that can be custom engraved with the room name or number. The [SIW-100](#) offers a lower profile wall mount status indicator.^[1,3]

All of the room availability status indication options are available separately, or as part of a kit including the TSS-10 series touch screen and multi-surface mount kit. For kits containing a hallway sign, custom engraving is available separately by purchasing an [SSC-ACR-102](#) or [SSW-ACR-102](#) replacement acrylic sign face.

Get the word out with broadcast messaging

Crestron Fusion includes the ability to send broadcast messages to all the scheduling touch screens throughout a building or campus, alerting workers and guests to an emergency situation or other general announcement. Emergency messages can be accompanied by an audible alert sound.^[1]

PinPoint™ makes your smart device smarter

The built-in PinPoint proximity detection beacon enhances the intelligence and personalization of a room scheduling system by enabling your smartphone or tablet device to sense what room you're standing in front of. It works with the Crestron [PinPoint App](#), using Bluetooth® technology to determine when the mobile device is near the beacon, and signals the mobile app to automatically display the appropriate information and controls for that location.^[1,4]





Shown with optional Light Bar and Multi-Surface Mount Kit

Auto-brightness control

To ensure optimal visibility under varying lighting conditions, the TSS-10 includes a built-in light sensor, which regulates the brightness of the display according to the ambient light level in the space.

One-wire PoE connectivity

Using PoE technology, the TSS-10 gets its operating power right through the network cable. PoE (Power over Ethernet) eliminates the need for a local power supply or any dedicated power wiring. A Crestron PoE switch ([CEN-SWPOE-16](#)) offers a total networking solution with built-in PoE for multiple touch screens.

Note: Refer to the "Power" specifications for additional details.

Cloud-based provisioning and management

XiO Cloud™ is Crestron's unifying cloud-based platform for remotely provisioning, monitoring, and managing Crestron devices across an enterprise or an entire client base. XiO Cloud enables installers and IT managers to deploy and manage thousands of devices in the amount of time it would ordinarily take to manage just one. It provides a zero-touch solution that allows complete configuration of device settings without any hardware in hand, then simply connect each device on site and let XiO Cloud push out the settings, licenses, drivers, and firmware updates – automatically and securely – for a quick and painless, ready-to-use deployment.

Ongoing XiO Cloud services facilitate daily management and monitoring of every device through a single dashboard with comprehensive reporting and logging, live status viewing and alerts, performance metrics and analytics, scheduled actions and updates, and more. As requirements grow and evolve, new features and functionality can be added easily to one or many devices at any time without ever going on site. XiO Cloud is a subscription-based service offering an adaptable SaaS (Software as a Service) solution with graduated levels of functionality and unlimited scalability.

Note: Each TSS-10 series touch screen includes a one-year subscription for XiO Cloud Premium.

Versatile mounting options for the modern office space

Using the bracket provided, the TSS-10 is easily installed over a 2-gang or 3-gang electrical box, or a 2-gang European or UK electrical box. The same bracket allows for installation over a rectangular cutout in wooden paneling or furniture. When installed, the touch screen protrudes just 1/2 inch from the mounting surface and latches firmly into its mounting bracket leaving no visible screws for an ultra clean appearance. A security latch option is included to deter unauthorized removal of the touch screen.

For impenetrable surfaces, such as glass, granite, or marble, or for applications requiring ADA compliance, Crestron offers the Multi-Surface Mount Kit ([TSW-760/1060-MSMK](#)). This option allows for attaching securely to virtually any smooth, flat surface without screws, providing an ideal solution for modern offices with glass walls or historically significant spaces where cutting and drilling is prohibited. It can also be mounted over a conventional electrical box. When installed, the touch screen is angled upward at a 20° tilt to allow for mounting at an ADA approved height.

Note: The Multi-Surface Mount Kit is either sold separately or included as part of a complete TSS-10 series touch screen kit.

Additional mounting options are afforded using the [TSW-UMB-60](#) Universal Mounting Bracket. By itself, the TSW-UMB-60 provides a post-construction solution for retrofitting the TSS-10 into existing drywall. For pre-construction applications that don't require a back box, the TSW-UMB-60 can be used along with a [TSW-UMB-60-PMK](#) Pre-Construction Mounting Kit. Masonry and concrete applications are accommodated using the TSW-UMB-60 along with a [TSW-UMB-60-BBI](#) back box. The TSW-UMB-60 is compatible with TSS-10, TSS-7, and TSW-x60 series touch screens, making it easy to swap out devices at any time.^[5]

Though not typical for most room scheduling applications, Crestron offers [tabletop](#) and [rack mount](#) kits that are compatible with the TSS-10. When installing the TSS-10 in place of an older Crestron touch screen ([APAD](#), [CT-1000](#), [LC-1000](#), [TPS-4L](#), [TPS-6L](#), [TPS-2000L](#), or [TPS-3100L](#)) Crestron offers [retrofit mounting brackets](#), which facilitate replacement without having to tear out the old mounting hardware or patch the wall.

Note: For scheduling applications utilizing occupancy sensing, the TSS-10 does not provide a physical sensor interface. Occupancy sensors must be interfaced with the scheduling service through a Crestron control system or appropriate third-party solution. Crestron offers a variety of wired and wireless occupancy sensors that support integration using Cresnet®, infiNET EX®, or a 24VDC signal.

SPECIFICATIONS

Room Scheduling Support

Crestron Scheduling App: Crestron Fusion, Microsoft Exchange & Office 365, Google Calendar & G Suite (IBM Notes and CollegeNET 25Live are also supported through Crestron Fusion On-premises only)

Third-Party Apps: Teem, Robin, EMS Software

Languages

Crestron Fusion: Chinese (Simplified), Chinese (Traditional), Danish, Dutch (Netherlands), English (US), English (UK), French, German, Hebrew, Italian, Japanese, Korean, Norwegian, Portuguese (Brazil), Portuguese (Portugal), Russian, Spanish, Swedish

Communications

Ethernet: 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, TCP/IP, UDP/IP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), IEEE 802.1X, SNMP, HTTPS, IPv4 or IPv6, Active Directory authentication, HTTPS web browser setup, XiO Cloud client, IEEE 802.3at compliant

USB: USB 2.0 host for room availability light bar or hallway sign^[1,3]

Bluetooth: Crestron PinPoint proximity detection beacon^[1,4]

Touch Screen Display

Display Type: TFT active matrix color LCD

Size: 10.1 inch (257 mm) diagonal

Aspect Ratio: 16:10 WXGA

Resolution: 1280 x 800 pixels

Brightness: 400 nits (cd/m²)

Contrast: 950:1

Color Depth: 24-bit, 16.7M colors

Illumination: Edgelit LED w/auto-brightness control

Viewing Angle: ±80° horizontal, ±80° vertical

Touch Screen: Projected capacitive, 5-point multi-touch capable

Buttons

Reset: (1) Miniature pushbutton on rear panel for hardware reset

Camera

Camera Resolution: 5.0 MP

Field of View: 50° horizontal

For future use

Audio

Features: Built-in speakers for touch feedback and alert signals

Connectors

LAN PoE: (1) 8-pin RJ45 connector, female, with 2 LED indicators; 10Base-T/100Base-TX Ethernet port and PoE+ PD port; Green and yellow LEDs indicate Ethernet port status

USB: (1) USB Type A connector, female;

USB 2.0 host port;

For optional room availability light bar or hallway sign^[1,3]

Power

Power over Ethernet: IEEE 802.3at Type 2 compliant PoE+ PD (Powered Device);

- Requests 18 Watts from an 802.3at Type 2 PSE with LLDP advanced power management;
- Requests 30 Watts (PoE+ Class 4) from an 802.3at Type 2 PSE without LLDP;
- Requests 15.4 Watts (PoE Class 0) from an 802.3af (or 802.3at Type 1) PSE

Note: Enabling the USB port to add a light bar or hallway sign requires use of an 802.3at Type 2 PoE+ PSE

Environmental

Temperature: 32° to 112° F (0° to 45° C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 44 BTU/hr

Construction

Housing: Plastic, smooth black or white finish, edge-to-edge glass with black or white surround

Mounting: Surface mount over a 2 or 3-gang US electrical box, 2-gang European (DIN 49073) electrical box, or 2-gang UK (BS 4662) electrical box;
Panel mount over a 2-1/5" H x 3-3/4" W (56 mm H x 96 mm W) cutout;
1-3/8" (35 mm) minimum mounting depth;
Additional wall mount, surface mount, rack mount, and tabletop options available separately

Dimensions

Height: 6.59 in (168 mm)

Width: 10.23 in (260 mm)

Depth: 1.52 in (39 mm)

Dimensions do not include the mounting bracket or add-on accessories

Weight

23.9 oz (675 g)

Compliance

CE, IC, FCC Part 15 Class B digital device

Notes:

1. Actual functionality and on-screen appearance varies based on which scheduling app is in use and how the app is set up. The functionality described in this spec sheet generally refers to the Crestron Scheduling App. Each third-party provider determines the functionality and appearance of their respective app. Refer to each provider's website for more information.

2. Additional subscriptions and/or licenses may be required. Refer to each provider's website for details about the capabilities and requirements of its scheduling application and services. Third-party apps typically run on the TSS-10 as they do on a tablet device. The TSS-10 runs only one app, which is selected at setup. Only the apps approved and delivered by Crestron can run on the TSS-10. The TSS-10 cannot be interfaced with a control system and cannot be custom programmed for any other functionality. An internet connection is required.
3. The light bar and hallway sign accessories are sold separately or as part of a TSS-10 series touch screen kit. The TSS-10 must be powered by a PoE+ power source when a light bar or hallway sign is connected. Only one light bar or hallway sign may be connected to the TSS-10. Use of either accessory precludes use of the other without the addition of a custom-programmed control system and Cresnet wiring for the hallway sign. Refer to the Accessories section for a list of all available options. Refer to each accessory's spec sheet for further information.
4. Onboard PinPoint beacon functionality is not currently supported and will be enabled through a future update. When enabled, the TSS-10 will provide an integrated, equivalent alternative to the standalone PP-100-W beacon. For more details, refer to the PP-100-W spec sheet. Bluetooth technology is used solely for proximity detection and does not transmit or receive any control, multimedia, or personal data. PinPoint beacons are only visible to Bluetooth enabled devices that are specifically programmed and configured to work with them.
5. The TSW-UMB-60, TSW-UMB-60-PMK, and TSW-UMB-60-BBI are all sold separately. The TSW-UMB-60 is also compatible with older TSW-UMB-PMK preconstruction mounting kits and TSW-550-BBI back boxes, allowing the TSS-10 touch screen to be installed in place of a previous generation TSW-5xx series touch screen, or any other device that was originally installed using the a TSW-UMB-PMK or TSW-550-BBI, without modification to the wall.

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MODELS & ACCESSORIES

Available Models

TSS-10-B-S: 10.1" Room Scheduling Touch Screen, Black Smooth
TSS-10-W-S: 10.1" Room Scheduling Touch Screen, White Smooth
TSS-10-B-S-LB KIT: 10.1" Room Scheduling Touch Screen, Black Smooth, With Multi-Surface Mount Kit & Room Availability Light Bar
TSS-10-W-S-LB KIT: 10.1" Room Scheduling Touch Screen, White Smooth, With Multi-Surface Mount Kit & Room Availability Light Bar
TSS-10-B-S-SIW KIT: 10.1" Room Scheduling Touch Screen, Black Smooth, With Multi-Surface Mount Kit & Room Availability Status Indicator
TSS-10-W-S-SIW KIT: 10.1" Room Scheduling Touch Screen, White Smooth, With Multi-Surface Mount Kit & Room Availability Status Indicator

TSS-10-B-S-SSC KIT: 10.1" Room Scheduling Touch Screen, Black Smooth, With Multi-Surface Mount Kit & Room Availability Hallway Sign, Ceiling Mount

TSS-10-W-S-SSC KIT: 10.1" Room Scheduling Touch Screen, White Smooth, With Multi-Surface Mount Kit & Room Availability Hallway Sign, Ceiling Mount

TSS-10-B-S-SSW KIT: 10.1" Room Scheduling Touch Screen, Black Smooth, With Multi-Surface Mount Kit & Room Availability Hallway Sign, Wall Mount

TSS-10-W-S-SSW KIT: 10.1" Room Scheduling Touch Screen, White Smooth, With Multi-Surface Mount Kit & Room Availability Hallway Sign, Wall Mount

Included Accessories

SW-XIOC-P-1: XiO Cloud™ Premium Provisioning and Management Service for one device, 1 year subscription (Qty. 1 included)

TSW-1060-LB-B: Room Availability Light Bar, Black (Qty. 1 included with the TSS-10-B-S-LB KIT only)

TSW-1060-LB-W: Room Availability Light Bar, White (Qty. 1 included with the TSS-10-W-S-LB KIT only)

SSC-100: Room Availability Hallway Sign, Ceiling Mount, Without Engraving (Qty. 1 included with the TSS-10-B-S-SSC KIT & TSS-10-W-S-SSC KIT)

SSW-100: Room Availability Hallway Sign, Wall Mount, Without Engraving (Qty. 1 included with the TSS-10-B-S-SSW KIT & TSS-10-W-S-SSW KIT)

SIW-100: Room Availability Status Indicator, Wall Mount (Qty. 1 included with the TSS-10-B-S-SIW KIT & TSS-10-W-S-SIW KIT)

TSW-760/1060-MSMK-B-S: Multi-Surface Mount Kit, Black Smooth (Qty. 1 included with the TSS-10-B-S-LB KIT, TSS-10-B-S-SIW KIT, TSS-10-B-S-SSC KIT, & TSS-10-B-S-SSW KIT)

TSW-760/1060-MSMK-W-S: Multi-Surface Mount Kit, White Smooth (Qty. 1 included with the TSS-10-W-S-LB KIT, TSS-10-W-S-SIW KIT, TSS-10-W-S-SSC KIT, & TSS-10-W-S-SSW KIT)

Available Accessories

TSW-1060-LB Series: Room Availability Light Bar

SSC Series: Room Availability Hallway Sign, Ceiling Mount

SSC-ACR-102: Replacement Acrylic Sign Face for SSC Series, Includes Custom Engraving

SSW Series: Room Availability Hallway Sign, Wall Mount

SSW-ACR-102: Replacement Acrylic Sign Face for SSW Series, Includes Custom Engraving

SIW-100: Room Availability Status Indicator, Wall Mount

TSW-760/1060-MSMK Series: Multi-Surface Mount Kit

TSW-UMB-60: Universal Mounting Bracket

TSW-UMB-60-PMK: Pre-Construction Mounting Kit for TSW-UMB-60

TSW-UMB-60-BBI: Wall Mount Back Box for TSW-UMB-60

TSW-760/1060-RMB-1: Retrofit Mounting Bracket – Converts APAD, CT/LC-1000, or TPS-2000L to TSS-10

TSW-760/1060-RMB-2: Retrofit Mounting Bracket – Converts TPS-4L to TSS-10

TSW-1060-RMB-3: Retrofit Mounting Bracket – Converts TPS-6L to TSS-10

TSW-1060-RMB-4: Retrofit Mounting Bracket – Converts TPS-3100L to TSS-10

TSS-10 Series 10.1" Room Scheduling Touch Screen

TSW-1060-RMK-2: Rack Mount Kit

TSW-1060-TTK Series: Tabletop Kit

TSW-560/760/1060-SMK: Swivel Mount Kit for TSW-1060-TTK Series

SW-XIOC-S-1: XiO Cloud™ Standard Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-P-1: XiO Cloud™ Premium Provisioning and Management Service for one device, 1 year subscription

SW-FUSION-C-3: Crestron Fusion® Cloud; 250 rooms; 3-year service, support, and updates

SW-FUSION-P-L: Crestron Fusion® On-premises; Unlimited rooms; lifetime service, support, and updates

SW-HS-1-C: Crestron Fusion® Cloud Room Scheduling; 1-year service, support, and updates for one touch screen

SW-HS-1-P: Crestron Fusion® On-premises Room Scheduling; 1-year service, support, and updates for one touch screen

SW-HS-3-C: Crestron Fusion® Cloud Room Scheduling; 3-year service, support, and updates for one touch screen

SW-HS-3-P: Crestron Fusion® On-premises Room Scheduling; 3-year service, support, and updates for one touch screen

SW-HS-L-C: Crestron Fusion® Cloud Room Scheduling; lifetime service, support, and updates for one touch screen

SW-HS-L-P: Crestron Fusion® On-premises Room Scheduling; lifetime service, support, and updates for one touch screen

CEN-SWPOE-16: 16-Port Managed PoE Switch

