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Product Manual

CCC Series

Crestron Collab Compute

Crestron Electronics, Inc.

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CCC Series

The CCC Series Crestron Collab Computes provide a customizable video conference solution for use with Microsoft Teams® Rooms and Zoom Rooms ™software. Featuring the Intel® Core™ Ultra 5 processor (CCC-110 Series) or the Intel® Core™ Ultra 7 processor (CCC-120 Series), the Crestron Collab Compute is an AI-ready and scalable solution for intelligent meeting spaces. The Crestron Collab Compute supports up to two to three displays (depending on preferred meeting platform), four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).

Features

This section provides the following information:

- CCC-110-T Features
- CCC-110-Z Features
- CCC-120-T Features
- CCC-120-Z Features
- CCCA-CMK-110/120 Features
- CCC-BYOD-KIT Features
- UC-COLLABCARE-1YR Features
- RMK-LONG Features
- WMK-JOIN-PLATE Features

CCC-110-T Features

The CCC-110-T provides a customizable video conference solution for use with Microsoft Teams® Rooms software. Featuring the Intel® Core™ Ultra 5 processor, the CCC-110-T is an AI-ready solution for intelligent meeting spaces. The CCC-110-T supports up to two displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).



- Contains the Intel® Core™ Ultra 5 processor for AI features
- Conferencing integration solution for Microsoft Teams® Rooms software
- Optional integration with Crestron® control systems
- Enterprise-grade security—connects and communicates securely over any enterprise or SMB network
- Network management and provisioning and system alerts through the XiO Cloud® service
- Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Microsoft Teams® Rooms platform
- Connects to a Crestron TS(W)-1080-UC series touch screen for native Microsoft Teams® Rooms UI experience
- Can be installed via tabletop or to a wall with the CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately)

The CCC-110-T provides a customizable video conference solution for use with Microsoft Teams® Rooms software. Featuring the Intel® Core™ Ultra 5 processor, the CCC-110-T is an AI-ready solution for intelligent meeting spaces. The CCC-110-T supports up to displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).

AI-Ready Computing Power

The CCC-110-T uses an Intel® Core™ Ultra 5 processor and is built to support AI features in Microsoft Teams® Rooms. It delivers the performance needed for AI video features, real-time meeting enhancements, and other advanced collaboration tools in enterprise spaces.

Combine with Audio and Video Devices

The CCC-110-T supports up to four USB audio and video devices for video conferencing. Crestron Intelligent Video and Intelligent Audio devices can be combined with the CCC-110-T to create a customized meeting experience.

Bring Your Own Device (BYOD) Functionality

The CCC-110-T is capable of the following BYOD features:

- **BYOD Presentation**: Share content from a laptop with a direct HDMI® connection or via DM® Essentials to extend HDMI or USB-C connections from the CCC-110-T.
- **BYOD Conferencing**: Connect a laptop to the CCC-BYOD KIT (sold separately) to use your preferred conferencing platform. Access the cameras, microphones, and speakers in the conference room while maintaining content sharing within the platform. BYOD conferencing using a TS(W)-1080-UC Series touch screen (sold separately) is coming soon.

Dedicated PoE+ Port for Touch Screen Connectivity

The CCC-110-T is compatible with the TS(W)-1080-UC Series touch screen (sold separately) via the PoE+ port on the rear of the compute device. The TS(W)-1080-UC Series touch screen provides superior conferencing control in meeting rooms, huddle spaces, and executive offices. The touch screen also offers optional control of room lighting, shades, thermostats, and other equipment.[1]

Toolless Mounting Bracket

The CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately) provides a simplified installation method with secure cable management. Once the CCCA-CMK-110/120 is installed onto the wall or table, the CCC-110-T easily slides into the mounting bracket.

Easy Provisioning and Device Management

The XiO Cloud® service is an IoT cloud-based provisioning service (available separately) that enables installers and IT managers to easily deploy and manage thousands of devices. The XiO Cloud service provides system alerts, network management and provisioning, and pairing of a control device to the CCC-110-T. System updates are controlled by Windows® software update.

Visit www.crestron.com/xiocloud for additional information.

Enterprise-Grade Security

The CCC-110-T is an enterprise-grade solution is equipped for mass deployment throughout any sized corporate, university, medical, military, or government facility.

Note:

1. Room control capability (lighting, shades, thermostats, etc.) requires additional equipment and commissioning to be provided by a Crestron authorized integrator and/or programmer. Additional costs may apply.

CCC-110-Z Features

The CCC-110-Z provides a customizable video conference solution for use with Zoom Rooms® software. Featuring the Intel® Core™ Ultra 5 processor, the CCC-110-Z is an AI-ready solution for intelligent meeting spaces. The CCC-110-Z supports up to three displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).



- Contains the Intel® Core™ Ultra 5 processor for AI features
- Conferencing integration solution for Zoom Rooms® software
- Optional integration with Crestron® control systems
- Enterprise-grade security—connects and communicates securely over any enterprise or SMB network
- Network management and provisioning and system alerts through the XiO Cloud® service
- Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Zoom Rooms® platform
- Connects to a Crestron TS(W)-1080-UC series touch screen for native Zoom Rooms® UI experience
- Can be installed via tabletop or to a wall with the CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately)

The CCC-110-Z provides a customizable video conference solution for use with Zoom Rooms® software. Featuring the Intel® Core™ Ultra 5 processor, the CCC-110-Z is an AI-ready solution for intelligent meeting spaces. The CCC-110-Z supports up to displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).

AI-Ready Computing Power

The CCC-110-Z uses an Intel® Core™ Ultra 5 processor and is built to support AI features in Zoom Rooms®. It delivers the performance needed for AI video features, real-time meeting enhancements, and other advanced collaboration tools in enterprise spaces.

Combine with Audio and Video Devices

The CCC-110-Z supports up to four USB audio and video devices for video conferencing. Crestron Intelligent Video and Intelligent Audio devices can be combined with the CCC-110-Z to create a customized meeting experience.

Bring Your Own Device (BYOD) Functionality

The CCC-110-Z is capable of the following BYOD features:

- **BYOD Presentation**: Share content from a laptop with a direct HDMI® connection or via DM® Essentials to extend HDMI or USB-C connections from the CCC-110-Z.
- **BYOD Conferencing**: Connect a laptop to the CCC-BYOD KIT (sold separately) to use your preferred conferencing platform. Access the cameras, microphones, and speakers in the conference room while maintaining content sharing within the platform. BYOD conferencing using a TS(W)-1080-UC Series touch screen (sold separately) is coming soon.

Dedicated PoE+ Port for Touch Screen Connectivity

The CCC-110-Z is compatible with the TS(W)-1080-UC Series touch screen (sold separately) via the PoE+ port on the rear of the compute device. The TS(W)-1080-UC Series touch screen provides superior conferencing control in meeting rooms, huddle spaces, and executive offices. The touch screen also offers optional control of room lighting, shades, thermostats, and other equipment.[1]

Toolless Mounting Bracket

The CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately) provides a simplified installation method with secure cable management. Once the CCCA-CMK-110/120 is installed onto the wall or table, the CCC-110-Z easily slides into the mounting bracket.

Easy Provisioning and Device Management

The XiO Cloud® service is an IoT cloud-based provisioning service (available separately) that enables installers and IT managers to easily deploy and manage thousands of devices. The XiO Cloud service provides system alerts, network management and provisioning, and pairing of a control device to the CCC-110-Z. System updates are controlled by Windows® software update.

Visit www.crestron.com/xiocloud for additional information.

Enterprise-Grade Security

The CCC-110-Z is an enterprise-grade solution is equipped for mass deployment throughout any sized corporate, university, medical, military, or government facility.

Note:

1. Room control capability (lighting, shades, thermostats, etc.) requires additional equipment and commissioning to be provided by a Crestron authorized integrator and/or programmer. Additional costs may apply.

CCC-120-T Features

The CCC-120-T provides a customizable video conference solution for use with Microsoft Teams® Rooms software. Featuring the Intel® Core™ Ultra 7 processor, the CCC-120-T is an AI-ready and scalable solution for intelligent meeting spaces. The CCC-120-T supports up to two displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).



- Contains the Intel® Core™ Ultra 7 processor for AI features
- Conferencing integration solution for Microsoft Teams® Rooms software
- Optional integration with Crestron® control systems
- Enterprise-grade security—connects and communicates securely over any enterprise or SMB network
- Network management and provisioning and system alerts through the XiO Cloud® service
- Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Microsoft Teams® Rooms platform
- Connects to a Crestron TS(W)-1080-UC series touch screen for native Microsoft Teams® Rooms UI experience
- Can be installed via tabletop or to a wall with the CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately)

The CCC-120-T provides a customizable video conference solution for use with Microsoft Teams® Rooms software. Featuring the Intel® Core™ Ultra 7 processor, the CCC-120-T is an AI-ready and scalable solution for intelligent meeting spaces. The CCC-120-T supports up to displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).

AI-Ready Computing Power

The CCC-120-T uses an Intel® Core™ Ultra 7 processor and is built to support AI features in Microsoft Teams® Rooms. It delivers the performance needed for AI video features, real-time meeting enhancements, and other advanced collaboration tools in enterprise spaces.

Combine with Audio and Video Devices

The CCC-120-T supports up to four USB audio and video devices for video conferencing. Crestron Intelligent Video and Intelligent Audio devices can be combined with the CCC-120-T to create a customized meeting experience.

Bring Your Own Device (BYOD) Functionality

The CCC-120-T is capable of the following BYOD features:

- **BYOD Presentation**: Share content from a laptop with a direct HDMI® connection or via DM® Essentials to extend HDMI or USB-C connections from the CCC-120-T.
- **BYOD Conferencing**: Connect a laptop to the CCC-BYOD KIT (sold separately) to use your preferred conferencing platform. Access the cameras, microphones, and speakers in the conference room while maintaining content sharing within the platform. BYOD conferencing using a TS(W)-1080-UC Series touch screen (sold separately) is coming soon.

Dedicated PoE+ Port for Touch Screen Connectivity

The CCC-120-T is compatible with the TS(W)-1080-UC Series touch screen (sold separately) via the PoE+ port on the rear of the compute device. The TS(W)-1080-UC Series touch screen provides superior conferencing control in meeting rooms, huddle spaces, and executive offices. The touch screen also offers optional control of room lighting, shades, thermostats, and other equipment.[1]

Toolless Mounting Bracket

The CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately) provides a simplified installation method with secure cable management. Once the CCCA-CMK-110/120 is installed onto the wall or table, the CCC-120-T easily slides into the mounting bracket.

Easy Provisioning and Device Management

The XiO Cloud® service is an IoT cloud-based provisioning service (available separately) that enables installers and IT managers to easily deploy and manage thousands of devices. The XiO Cloud service provides system alerts, network management and provisioning, and pairing of a control device to the CCC-120-T. System updates are controlled by Windows® software update.

Visit www.crestron.com/xiocloud for additional information.

Enterprise-Grade Security

The CCC-120-T is an enterprise-grade solution is equipped for mass deployment throughout any sized corporate, university, medical, military, or government facility.

Note:

1. Room control capability (lighting, shades, thermostats, etc.) requires additional equipment and commissioning to be provided by a Crestron authorized integrator and/or programmer. Additional costs may apply.

CCC-120-Z Features

The CCC-120-Z provides a customizable video conference solution for use with Zoom Rooms® software. Featuring the Intel® Core™ Ultra 7 processor, the CCC-120-Z is an AI-ready and scalable solution for intelligent meeting spaces. The CCC-120-Z supports up to three displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).



- Contains the Intel® Core™ Ultra 7 processor for AI features
- Conferencing integration solution for Zoom Rooms® software
- Optional integration with Crestron® control systems
- Enterprise-grade security—connects and communicates securely over any enterprise or SMB network
- Network management and provisioning and system alerts through the XiO Cloud® service
- Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Zoom Rooms® platform
- Connects to a Crestron TS(W)-1080-UC series touch screen for native Zoom Rooms® UI experience
- Can be installed via tabletop or to a wall with the CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately)

The CCC-120-Z provides a customizable video conference solution for use with Zoom Rooms® software. Featuring the Intel® Core™ Ultra 7 processor, the CCC-120-Z is an AI-ready and scalable solution for intelligent meeting spaces. The CCC-120-Z supports up to displays, four USB video and audio devices, and three TS(W)-1080-UC series touch screens (sold separately).

AI-Ready Computing Power

The CCC-120-Z uses an Intel® Core™ Ultra 7 processor and is built to support AI features in Zoom Rooms®. It delivers the performance needed for AI video features, real-time meeting enhancements, and other advanced collaboration tools in enterprise spaces.

Combine with Audio and Video Devices

The CCC-120-Z supports up to four USB audio and video devices for video conferencing. Crestron Intelligent Video and Intelligent Audio devices can be combined with the CCC-120-Z to create a customized meeting experience.

Bring Your Own Device (BYOD) Functionality

The CCC-120-Z is capable of the following BYOD features:

- **BYOD Presentation**: Share content from a laptop with a direct HDMI® connection or via DM® Essentials to extend HDMI or USB-C connections from the CCC-120-Z.
- **BYOD Conferencing**: Connect a laptop to the CCC-BYOD KIT (sold separately) to use your preferred conferencing platform. Access the cameras, microphones, and speakers in the conference room while maintaining content sharing within the platform. BYOD conferencing using a TS(W)-1080-UC Series touch screen (sold separately) is coming soon.

Dedicated PoE+ Port for Touch Screen Connectivity

The CCC-120-Z is compatible with the TS(W)-1080-UC Series touch screen (sold separately) via the PoE+ port on the rear of the compute device. The TS(W)-1080-UC Series touch screen provides superior conferencing control in meeting rooms, huddle spaces, and executive offices. The touch screen also offers optional control of room lighting, shades, thermostats, and other equipment.[1]

Toolless Mounting Bracket

The CCCA-CMK-110/120 Toolless Mounting Bracket (sold separately) provides a simplified installation method with secure cable management. Once the CCCA-CMK-110/120 is installed onto the wall or table, the CCC-120-Z easily slides into the mounting bracket.

Easy Provisioning and Device Management

The XiO Cloud® service is an IoT cloud-based provisioning service (available separately) that enables installers and IT managers to easily deploy and manage thousands of devices. The XiO Cloud service provides system alerts, network management and provisioning, and pairing of a control device to the CCC-120-Z. System updates are controlled by Windows® software update.

Visit www.crestron.com/xiocloud for additional information.

Enterprise-Grade Security

The CCC-120-Z is an enterprise-grade solution is equipped for mass deployment throughout any sized corporate, university, medical, military, or government facility.

Note:

1. Room control capability (lighting, shades, thermostats, etc.) requires additional equipment and commissioning to be provided by a Crestron authorized integrator and/or programmer. Additional costs may apply.

CCCA-CMK-110/120 Features

The CCCA-CMK-110/120 Toolless Mounting Bracket provides a simplified installation method with secure cable management for CCC Series (Crestron Collab Compute) devices. Once the CCCA-CMK-110/120 is installed onto the wall or table, the CCC Series device easily slides into the mounting bracket.



The CCCA-CMK-110/120 is compatible with the following devices:

- CCC-110-T
- CCC-110-Z
- CCC-120-T
- CCC-120-Z

CCC-BYOD-KIT Features

The CCC-BYOD-KIT provides Bring Your Own Device (BYOD) functionality for Crestron Collab Compute devices. The UC Presentation Transmitter (UC-PR) switches to the laptop's meeting platform when connected[1] and returns to the Crestron Collab Compute's native platform when disconnected.



The CCC Series is compatible with the following Crestron Collab Compute devices:

- CCC-110-T
- CCC-110-Z
- CCC-120-T
- CCC-120-Z

Note:

1. The UC-PR uses a USB-C 2.0 connection to provide content sharing, BYOD support, and charging for a user's device. Because USB-C supports multiple functions, device compatibility often varies. While some devices can accept power and data through the same USB-C connection, others cannot. The USB-C port on the UC-PR (labelled "USB") uses DisplayPort alternate mode for transporting video signals. Consult the connected device's user manual or manufacturer to ensure that the device supports DisplayPort alternate mode. Some devices that support DisplayPort alternate mode may not support device charging. For a list of tested devices, refer to Knowledge Article 1000889. USB-C transfer speeds may vary based on the connected device's processing speed, system configuration, the operating environment, and/or other factors. If the user's device does not support USB-C, then a combination of HDMI and USB B may be used for content sharing or BYOD functionality.

UC-COLLABCARE-1YR Features

Crestron Collab Care (UC-COLLABCARE-1YR) is a subscription support plan available in one-year (or longer) terms when purchased with a Crestron Collab Compute device (CCC-110 series or CCC-120 series) and up to three (3) dedicated TS(W)-1080-UC touch screens.[1, 2, 3] The coverage term under an active Crestron Collab Care subscription plan may be extended for a total period of up to five (5) years from the Crestron shipment date of an eligible Crestron Collab Compute.[4] This extension is available by purchasing additional subscription terms before the expiration of an active Crestron Collab Care subscription.

The Crestron Collab Care subscription provides the following benefits for covered devices:[1, 4]

Crestron Collab Care (UC-COLLABCARE-1YR) is a subscription support plan available in one-year (or longer) terms when purchased with a Crestron Collab Compute device (CCC-110 series or CCC-120 series) and up to three (3) dedicated TS(W)-1080-UC touch screens.[1, 2, 3] The coverage term under an active Crestron Collab Care subscription plan may be extended for a total period of up to five (5) years from the Crestron shipment date of an eligible Crestron Collab Compute.[4] This extension is available by purchasing additional subscription terms before the expiration of an active Crestron Collab Care subscription.

The Crestron Collab Care subscription provides the following benefits for covered devices:[1, 4]

24/7 Live Remote Support

Crestron Collab Care provides 24/7, year-round live remote support with a dedicated Crestron Collab support team.

Extended Hardware Warranty

Purchasing Crestron Collab Care extends the coverage period of Crestron's standard limited warranty for the covered Crestron Collab Compute and TS(W)-1080-UC devices from three (3) years to up to five (5) years from the shipment date of the covered Crestron Collab Compute.[1, 4, 5] Continuous Crestron Collab Care coverage is required from initial purchase through the extended warranty period.

Rapid Advance Replacement

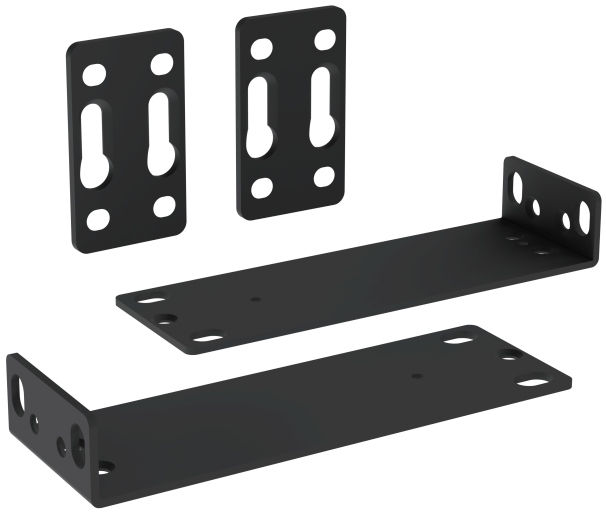
If a covered device experiences a hardware defect covered by Crestron's standard limited warranty during the applicable warranty period, Crestron will issue an advance replacement unit before the defective unit is sent back to ensure minimal downtime.[5]

Notes:

1. Detailed terms and conditions for Crestron Collab Care are available at https://www.crestron.com/Legal/CrestronCollabCareTerms.
2. Crestron Collab Care subscription support plans must be purchased within 90 days of the Crestron shipment date of the eligible Crestron Collab Compute.
3. Each Crestron Collab Care plan applies to the specific Crestron Collab Compute device for which it is purchased. Each plan also applies to eligible TS(W)-1080-UC touch screens that are dedicated for use with the eligible Crestron Collab Compute device, subject to validation by Crestron. A maximum of three (3) TS(W)-1080-UC touch screens are eligible for coverage, provided they are purchased during the term of an active Crestron Collab Care plan.
4. Crestron Collab Care plans and associated benefits expire no later than five (5) years from Crestron's shipment date of the eligible Crestron Collab Compute device, or earlier if continuous coverage is not maintained from the initial time of purchase. The coverage term will not be extended beyond this period, even if additional TS(W)-1080-UC touch screens are added to the plan at a later date.
5. Warranties and Advance Replacements are subject to the terms of Crestron Standard Limited Warranty and Terms and Conditions of Sale, available at www.crestron.com/warranty.

RMK-LONG Features

The RMK-LONG is a single-space (1 RU) rack mount kit designed to accommodate two Crestron Collab Compute devices. The RMK-LONG includes two rack ear attachments, two join plates for attaching the Crestron Collab Computes together, and additional device mounting hardware.



The RMK-LONG is compatible with the following devices:

- CCC-110-T
- CCC-110-Z
- CCC-120-T
- CCC-120-Z

WMK-JOIN-PLATE Features

The WMK-JOIN-PLATE wall mount kit enables a Crestron Collab Compute device to be mounted to a wall or similar flat surface. The kit provides four rack mount plates and additional device mounting hardware.



The WMK-JOIN-PLATE is compatible with the following devices:

- CCC-110-T
- CCC-110-Z
- CCC-120-T
- CCC-120-Z

Specifications

This section provides the following information:

- CCC-110-T Specifications
- CCC-110-Z Specifications
- CCC-120-T Specifications
- CCC-120-Z Specifications
- CCCA-CMK-110/120 Specifications
- CCC-BYOD-KIT Specifications
- RMK-LONG Specifications
- WMK-JOIN-PLATE Specifications

CCC-110-T Specifications

Product specifications for the CCC-110-T are provided below

Computer

Processor	Intel® Core™ Ultra 5 125H
RAM	32 GB Dual Channel DDR5 SODIMM
Storage	256 GB
Graphics	Intel® ARC
Network	1x Intel I219-LM 100/1000 Mbps Ethernet; 2x Intel I210 100/1000Mbps Ethernet
Operating System	Windows® 11 Enterprise IoT Edition OS

Communications

Ethernet	100/1000 Mbps
USB Type-C® (DisplayPort Alt Mode) (Rear)	HDCP 2.3, EDID, CEC, USB 3
USB Type-A (Rear)	USB 3 10 Gbps
USB Type-A (Front)	USB 2 480 Mbps
Wi-Fi	Intel BE200 (Wi-Fi 7 2x2 MIMO)
Bluetooth® Communications	Bluetooth version 5.4
DM	HDCP 2.3, EDID pass-through
HDMI	HDCP 2.3, EDID, CEC; Supports management of HDCP and EDID

> **NOTE**: CEC controls are only supported within the conferencing software. Custom programming support for CEC controls is unavailable.

Buttons and Indicators

Power	(1) Push button with green LED backlight; For power on and off
Content In	(1) Green LED, indicates that a HDMI® source is detected
Output	(4) Green LEDs, indicates active connection(s) to displays
1G (Rear)	(2) Bicolor green/amber and (2) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

PoE+	(1) Bicolor green/amber and (1) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

Connectors

USB Type-C (Rear)	(1) USB Type-C® 3.2 (Gen 2, 5V/3A) connector, female; USB 3 signal for connections to a 5K 21:9 display and/or USB 3 devices; DisplayPort™ single stream video output
HDMI (HDMI Out)	(3) HDMI 2.0b connectors, female; HDMI digital video output
HDMI (Content In)	(1) HDMI 2.0b connectors, female; HDMI digital video/audio input
USB Type-A (Rear)	(4) USB 3 Type-A 10Gbps connector, female; Connects to cameras, microphones, DSPs, and accessories
USB Type-A (Front)	(2) USB 2 Type-A connector, female; Connects to a keyboard, mouse for system configuration
DM	(1) 8-pin RJ-45 yellow connector, female, shielded; DM® input port for connection to a DM Essentials transmitter
LAN (1G)	(2) RJ-45 connectors, female; 100/1000 Mbps 100BASE-TX/1000BASE-T Ethernet Ports
LAN (PoE+)	(1) RJ-45 connectors, female; PoE+ PSE (power sourcing equipment) port, IEEE 802.3at Type 2 (30 W) compliant
ANT-A & ANT-B	(2) SMA connectors for external Wi-Fi® antennas; Wi-Fi antennas included with 6.56 ft (2 m) cables

Power

Power	105 W Idle, 126 W typical, 162 W maximum, 100–240VAC

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 95% RH (noncondensing)
Heat Dissipation	360 BTU/hr Idle, 430 BTU/hr typical; 553 BTU/hr maximum

Construction

Chassis	Metal, black finish, fan cooled; Vented front and rear
Mounting	Freestanding or wall/tabletop with the CCCA-CMK-110/120

Dimensions

Height	1.72 in. (44 mm)
Width	8.67 in. (220 mm)
Depth	15.32 in. (389 mm)

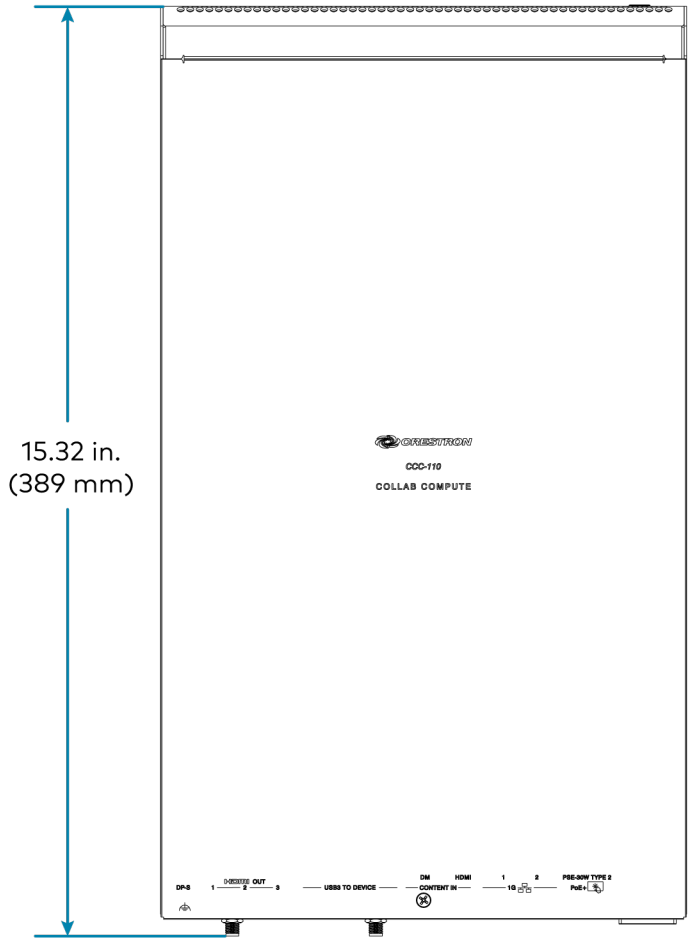
Weight

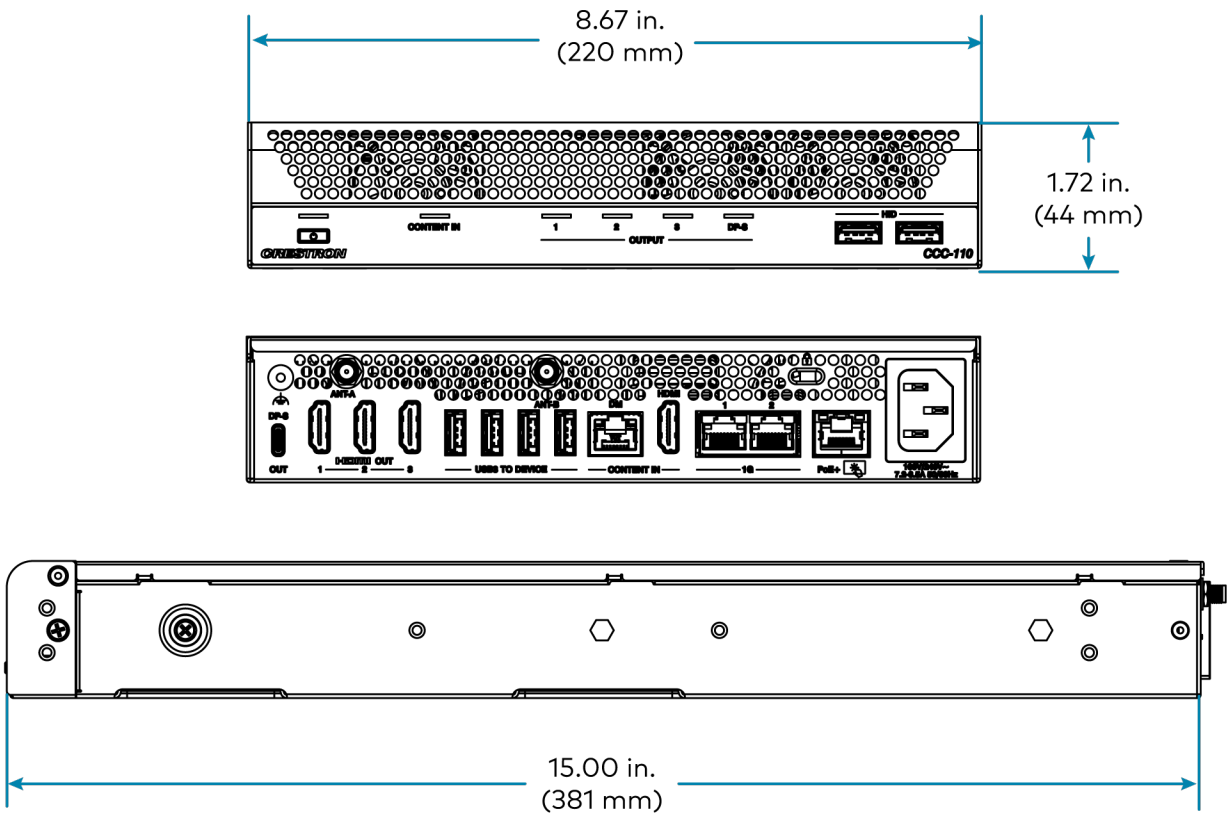
8.06 lb (3.66 kg)

Compliance

Regulatory Model: M202504001
ETL Listed for the United States and Canada to UL/IEC 62368-1 safety standards, CE compliant for applicable European Union requirements

Dimension Drawings




8.67 in.
(220 mm)
1.72 in.
(44 mm)
15.00 in.
(381 mm)

CCC-110-Z Specifications

Product specifications for the CCC-110-Z are provided below

Computer

Processor	Intel® Core™ Ultra 5 125H
RAM	32 GB Dual Channel DDR5 SODIMM
Storage	256 GB
Graphics	Intel® ARC
Network	1x Intel I219-LM 100/1000 Mbps Ethernet; 2x Intel I210 100/1000Mbps Ethernet
Operating System	Windows® 11 Enterprise IoT Edition OS

Communications

Ethernet	100/1000 Mbps
USB Type-C® (DisplayPort Alt Mode) (Rear)	HDCP 2.3, EDID, CEC, USB 3
USB Type-A (Rear)	USB 3 10 Gbps
USB Type-A (Front)	USB 2 480 Mbps
Wi-Fi	Intel BE200 (Wi-Fi 7 2x2 MIMO)
Bluetooth® Communications	Bluetooth version 5.4
DM	HDCP 2.3, EDID pass-through
HDMI	HDCP 2.3, EDID, CEC; Supports management of HDCP and EDID

> **NOTE**: CEC controls are only supported within the conferencing software. Custom programming support for CEC controls is unavailable.

Buttons and Indicators

Power	(1) Push button with green LED backlight; For power on and off
Content In	(1) Green LED, indicates that a HDMI® source is detected
Output	(4) Green LEDs, indicates active connection(s) to displays
1G (Rear)	(2) Bicolor green/amber and (2) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

PoE+	(1) Bicolor green/amber and (1) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

Connectors

USB Type-C (Rear)	(1) USB Type-C® 3.2 (Gen 2, 5V/3A) connector, female; USB 3 signal for connections to a 5K 21:9 display and/or USB 3 devices; DisplayPort™ single stream video output
HDMI (HDMI Out)	(3) HDMI 2.0b connectors, female; HDMI digital video output
HDMI (Content In)	(1) HDMI 2.0b connectors, female; HDMI digital video/audio input
USB Type-A (Rear)	(4) USB 3 Type-A 10Gbps connector, female; Connects to cameras, microphones, DSPs, and accessories
USB Type-A (Front)	(2) USB 2 Type-A connector, female; Connects to a keyboard, mouse for system configuration
DM	(1) 8-pin RJ-45 yellow connector, female, shielded; DM® input port for connection to a DM Essentials transmitter
LAN (1G)	(2) RJ-45 connectors, female; 100/1000 Mbps 100BASE-TX/1000BASE-T Ethernet Ports
LAN (PoE+)	(1) RJ-45 connectors, female; PoE+ PSE (power sourcing equipment) port, IEEE 802.3at Type 2 (30 W) compliant
ANT-A & ANT-B	(2) SMA connectors for external Wi-Fi® antennas; Wi-Fi antennas included with 6.56 ft (2 m) cables

Power

Power	105 W Idle, 126 W typical, 162 W maximum, 100–240VAC

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 95% RH (noncondensing)
Heat Dissipation	360 BTU/hr Idle, 430 BTU/hr typical; 553 BTU/hr maximum

Construction

Chassis	Metal, black finish, fan cooled; Vented front and rear
Mounting	Freestanding or wall/tabletop with the CCCA-CMK-110/120

Dimensions

Height	1.72 in. (44 mm)
Width	8.67 in. (220 mm)
Depth	15.32 in. (389 mm)

Weight

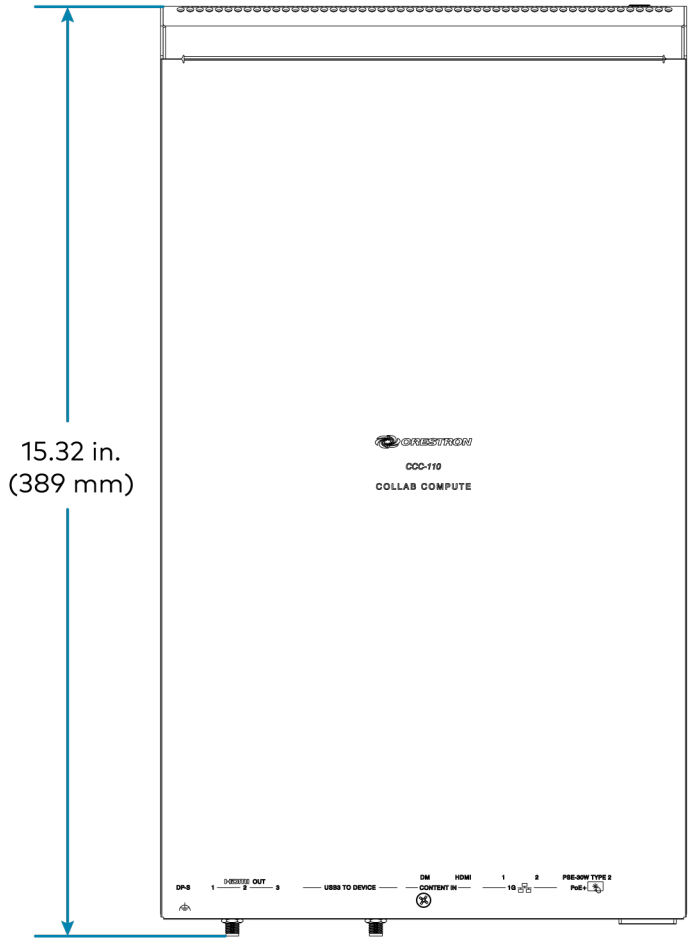
8.06 lb (3.66 kg)

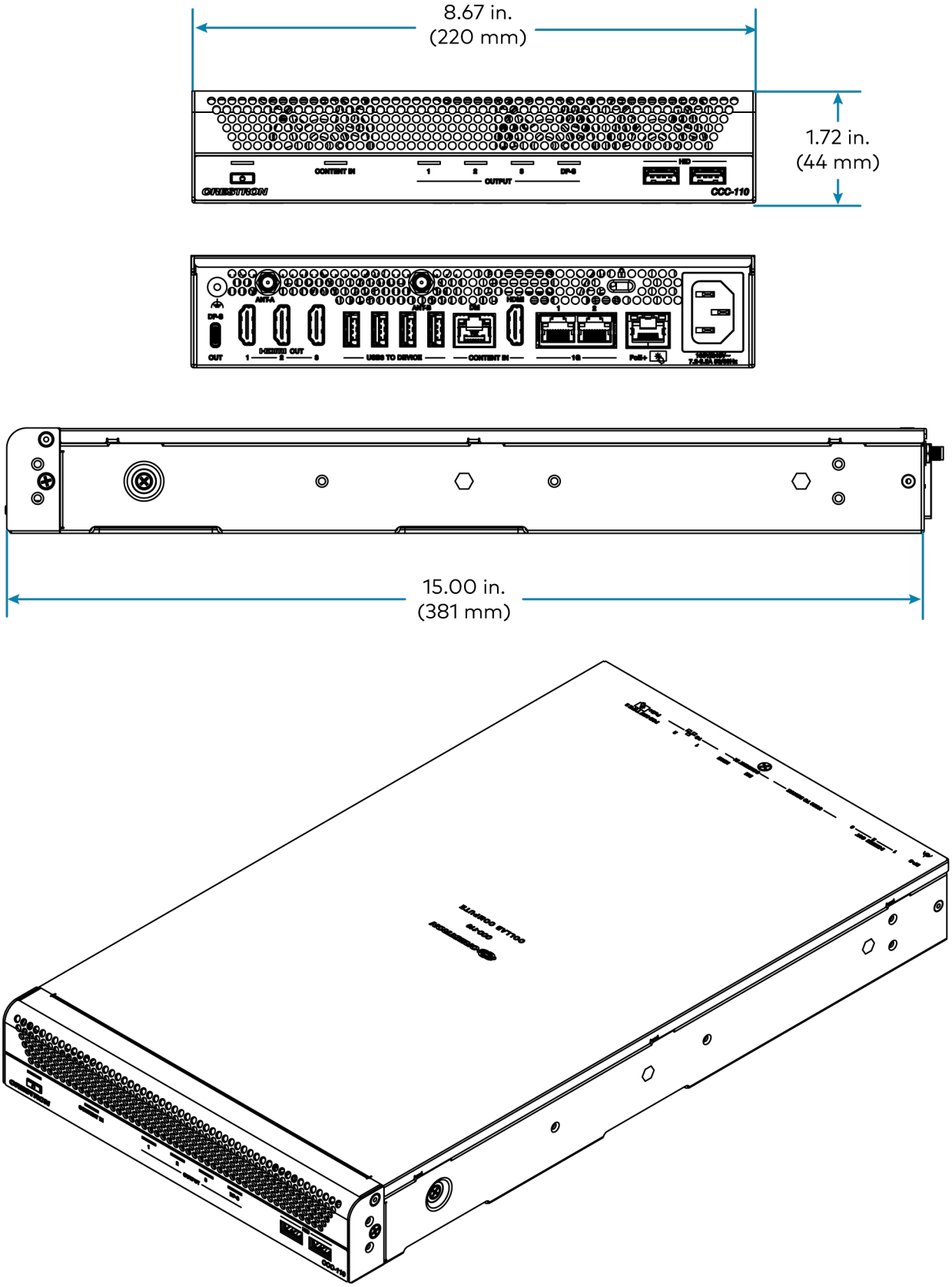
Compliance

Regulatory Model: M202504001

ETL Listed for the United States and Canada to UL/IEC 62368-1 safety standards, CE compliant for applicable European Union requirements

Dimension Drawings




8.67 in.
(220 mm)
1.72 in.
(44 mm)
15.00 in.
(381 mm)

CCC-120-T Specifications

Product specifications for the CCC-120-T are provided below

Computer

Processor	Intel® Core™ Ultra 7 155H
RAM	32 GB Dual Channel DDR5 SODIMM
Storage	256 GB
Graphics	Intel® ARC
Network	1x Intel I219-LM 100/1000 Mbps Ethernet; 2x Intel I210 100/1000Mbps Ethernet
Operating System	Windows® 11 Enterprise IoT Edition OS

Communications

Ethernet	100/1000 Mbps
USB Type-C® (DisplayPort Alt Mode) (Rear)	HDCP 2.3, EDID, CEC, USB 3
USB Type-A (Rear)	USB 3 10 Gbps
USB Type-A (Front)	USB 2 480 Mbps
Wi-Fi	Intel BE200 (Wi-Fi 7 2x2 MIMO)
Bluetooth® Communications	Bluetooth version 5.4
DM	HDCP 2.3, EDID pass-through
HDMI	HDCP 2.3, EDID, CEC; Supports management of HDCP and EDID

> **NOTE**: CEC controls are only supported within the conferencing software. Custom programming support for CEC controls is unavailable.

Buttons and Indicators

Power	(1) Push button with green LED backlight; For power on and off
Content In	(1) Green LED, indicates that a HDMI® source is detected
Output	(4) Green LEDs, indicates active connection(s) to displays
1G (Rear)	(2) Bicolor green/amber and (2) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

PoE+	(1) Bicolor green/amber and (1) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

Connectors

USB Type-C (Rear)	(1) USB Type-C® 3.2 (Gen 2, 5V/3A) connector, female; USB 3 signal for connections to a 5K 21:9 display and/or USB 3 devices; DisplayPort™ single stream video output
HDMI (HDMI Out)	(3) HDMI 2.0b connectors, female; HDMI digital video output
HDMI (Content In)	(1) HDMI 2.0b connectors, female; HDMI digital video/audio input
USB Type-A (Rear)	(4) USB 3 Type-A 10Gbps connector, female; Connects to cameras, microphones, DSPs, and accessories
USB Type-A (Front)	(2) USB 2 Type-A connector, female; Connects to a keyboard, mouse for system configuration
DM	(1) 8-pin RJ-45 yellow connector, female, shielded; DM® input port for connection to a DM Essentials transmitter
LAN (1G)	(2) RJ-45 connectors, female; 100/1000 Mbps 100BASE-TX/1000BASE-T Ethernet Ports
LAN (PoE+)	(1) RJ-45 connectors, female; PoE+ PSE (power sourcing equipment) port, IEEE 802.3at Type 2 (30 W) compliant
ANT-A & ANT-B	(2) SMA connectors for external Wi-Fi® antennas; Wi-Fi antennas included with 6.56 ft (2 m) cables

Power

Power	105 W Idle, 126 W typical, 162 W maximum, 100–240VAC

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 95% RH (noncondensing)
Heat Dissipation	360 BTU/hr Idle, 430 BTU/hr typical; 553 BTU/hr maximum

Construction

Chassis	Metal, black finish, fan cooled; Vented front and rear
Mounting	Freestanding or wall/tabletop with the CCCA-CMK-110/120

Dimensions

Height	1.72 in. (44 mm)
Width	8.67 in. (220 mm)
Depth	15.32 in. (389 mm)

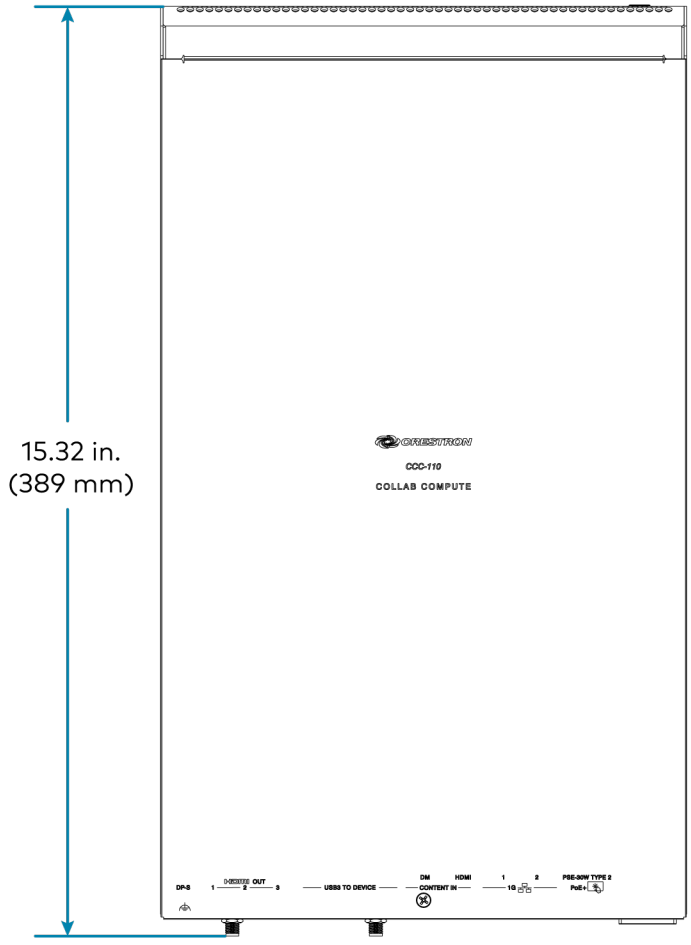
Weight

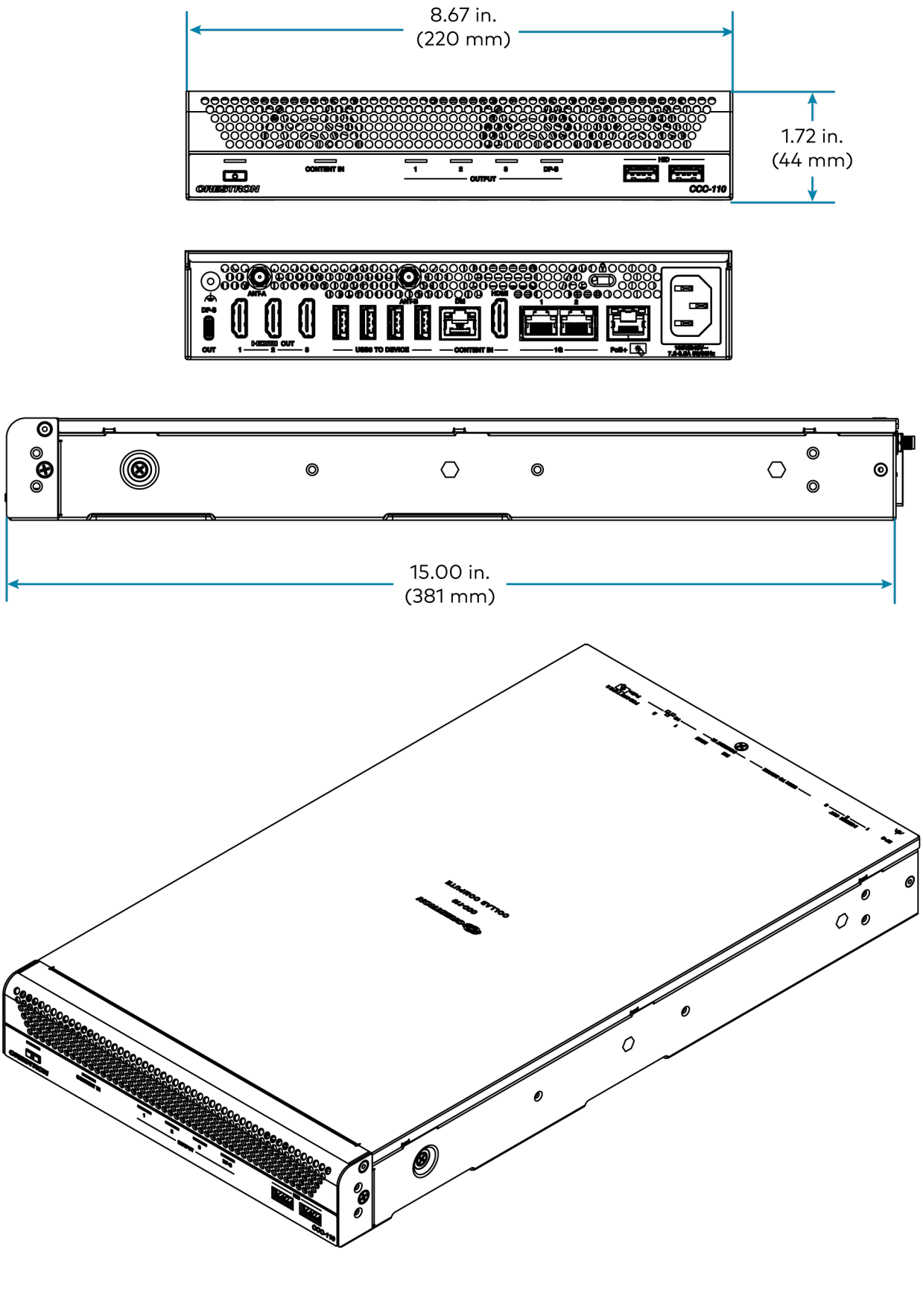
8.06 lb (3.66 kg)

Compliance

Regulatory Model: M202504001
ETL Listed for the United States and Canada to UL/IEC 62368-1 safety standards, CE compliant for applicable European Union requirements

Dimension Drawings




8.67 in.
(220 mm)
1.72 in.
(44 mm)
15.00 in.
(381 mm)

CCC-120-Z Specifications

Product specifications for the CCC-120-Z are provided below

Computer

Processor	Intel® Core™ Ultra 5 125HIntel® Core™ Ultra 7 155H
RAM	32 GB Dual Channel DDR5 SODIMM
Storage	256 GB
Graphics	Intel® ARC
Network	1x Intel I219-LM 100/1000 Mbps Ethernet; 2x Intel I210 100/1000Mbps Ethernet
Operating System	Windows® 11 Enterprise IoT Edition OS

Communications

Ethernet	100/1000 Mbps
USB Type-C® (DisplayPort Alt Mode) (Rear)	HDCP 2.3, EDID, CEC, USB 3
USB Type-A (Rear)	USB 3 10 Gbps
USB Type-A (Front)	USB 2 480 Mbps
Wi-Fi	Intel BE200 (Wi-Fi 7 2x2 MIMO)
Bluetooth® Communications	Bluetooth version 5.4
DM	HDCP 2.3, EDID pass-through
HDMI	HDCP 2.3, EDID, CEC; Supports management of HDCP and EDID

> **NOTE**: CEC controls are only supported within the conferencing software. Custom programming support for CEC controls is unavailable.

Buttons and Indicators

Power	(1) Push button with green LED backlight; For power on and off
Content In	(1) Green LED, indicates that a HDMI® source is detected
Output	(4) Green LEDs, indicates active connection(s) to displays
1G (Rear)	(2) Bicolor green/amber and (2) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

PoE+	(1) Bicolor green/amber and (1) Amber LEDs; Green/amber LED indicates Ethernet link status and connection speed; Amber LED indicates Ethernet activity

Connectors

USB Type-C (Rear)	(1) USB Type-C® 3.2 (Gen 2, 5V/3A) connector, female; USB 3 signal for connections to a 5K 21:9 display and/or USB 3 devices; DisplayPort™ single stream video output
HDMI (HDMI Out)	(3) HDMI 2.0b connectors, female; HDMI digital video output
HDMI (Content In)	(1) HDMI 2.0b connectors, female; HDMI digital video/audio input
USB Type-A (Rear)	(4) USB 3 Type-A 10Gbps connector, female; Connects to cameras, microphones, DSPs, and accessories
USB Type-A (Front)	(2) USB 2 Type-A connector, female; Connects to a keyboard, mouse for system configuration
DM	(1) 8-pin RJ-45 yellow connector, female, shielded; DM® input port for connection to a DM Essentials transmitter
LAN (1G)	(2) RJ-45 connectors, female; 100/1000 Mbps 100BASE-TX/1000BASE-T Ethernet Ports
LAN (PoE+)	(1) RJ-45 connectors, female; PoE+ PSE (power sourcing equipment) port, IEEE 802.3at Type 2 (30 W) compliant
ANT-A & ANT-B	(2) SMA connectors for external Wi-Fi® antennas; Wi-Fi antennas included with 6.56 ft (2 m) cables

Power

Power	105 W Idle, 126 W typical, 162 W maximum, 100–240VAC

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 95% RH (noncondensing)
Heat Dissipation	360 BTU/hr Idle, 430 BTU/hr typical; 553 BTU/hr maximum

Construction

Chassis	Metal, black finish, fan cooled; Vented front and rear
Mounting	Freestanding or wall/tabletop with the CCCA-CMK-110/120

Dimensions

Height	1.72 in. (44 mm)
Width	8.67 in. (220 mm)
Depth	15.32 in. (389 mm)

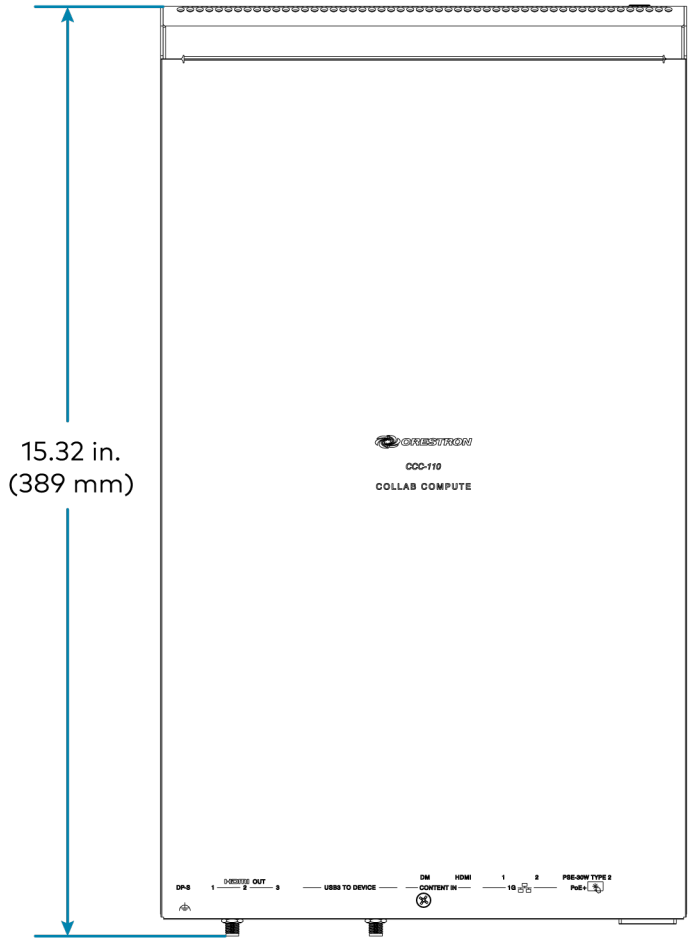
Weight

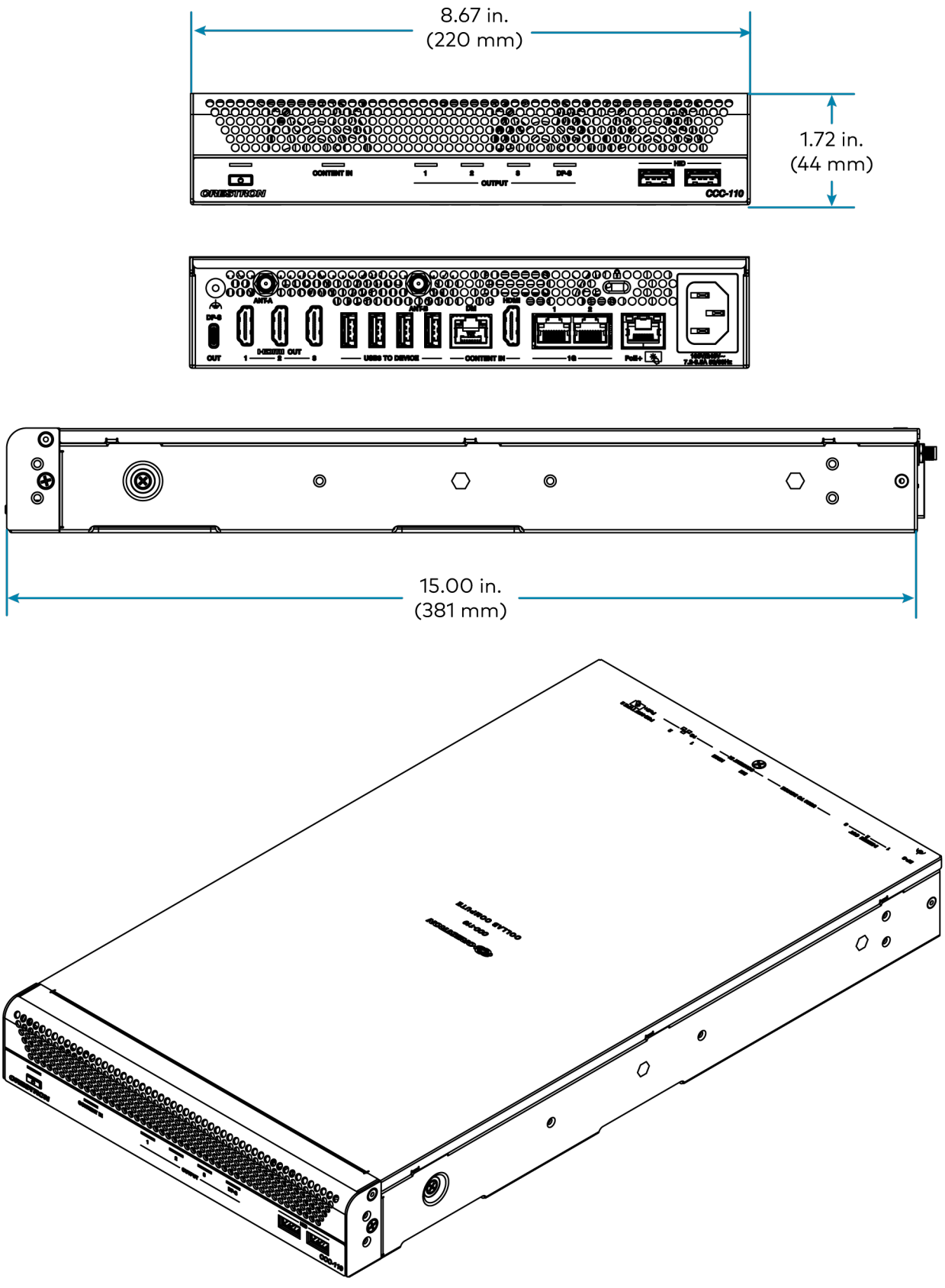
8.06 lb (3.66 kg)

Compliance

Regulatory Model: M202504001
ETL Listed for the United States and Canada to UL/IEC 62368-1 safety standards, CE compliant for applicable European Union requirements

Dimension Drawings




8.67 in.
(220 mm)
1.72 in.
(44 mm)
15.00 in.
(381 mm)

CCCA-CMK-110/120 Specifications

Product specifications for the CCCA-CMK-110/120 are provided below.

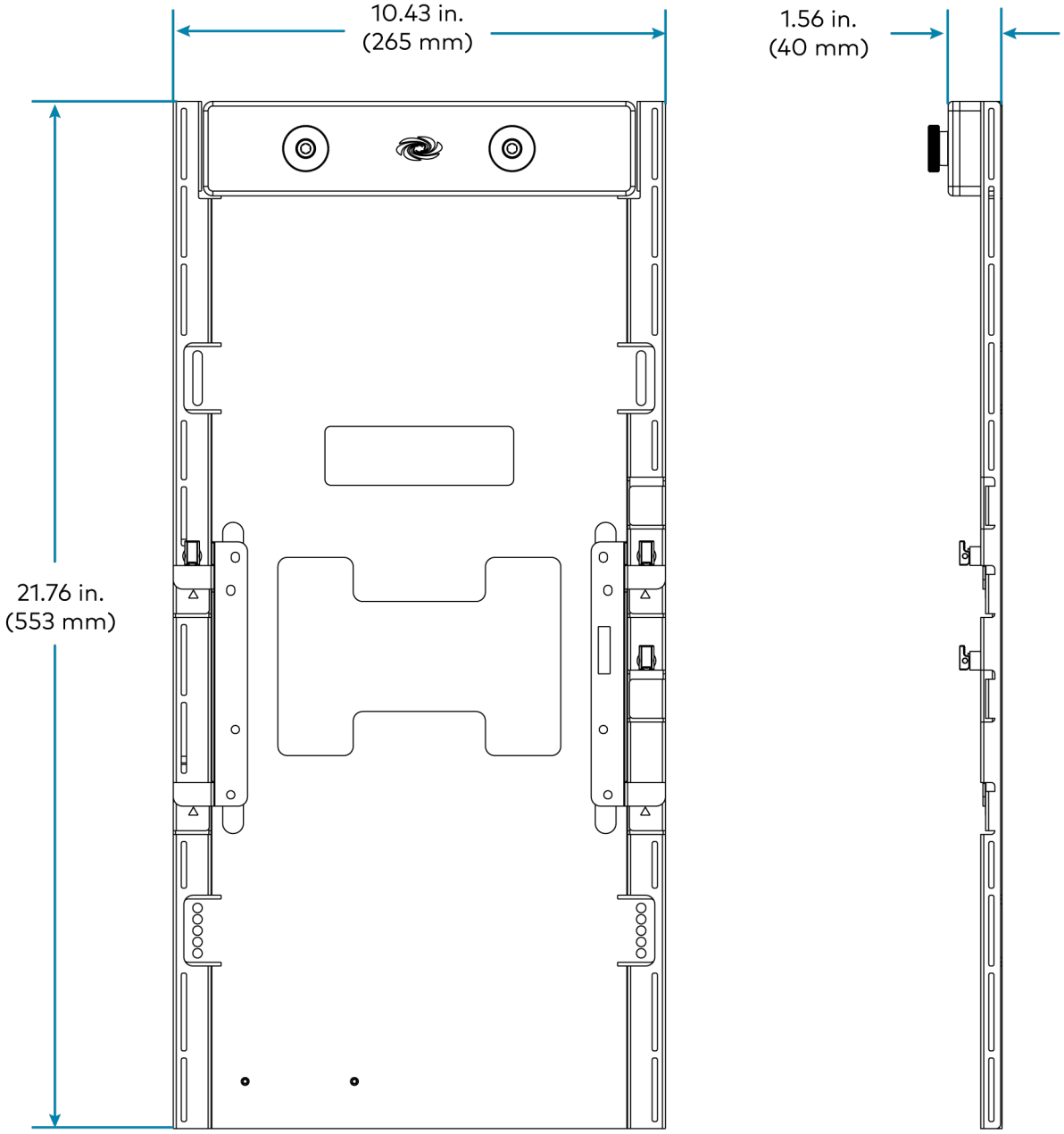
Construction

Base Material	Steel

Dimensions

With Crestron Collab Compute	Height: 1.72 in. (44 mm) Width: 19.02 in. (483 mm)9.87 in. (251 mm) Depth: 15.04 in. (382 mm)

Dimension Drawings



CCC-BYOD-KIT Specifications

Product specifications for the CCC-BYOD-KIT are provided below.

UC Presentation Transmitter (UC-PR)

Communications

Ethernet	100 Mbps
HDMI	HDCP
HDMI over CAT5 Ethernet	HDCP
USB	USB 2.0 and USB 3.0

Indicators

PWR	(1) Green LED indicator for operating power supplied via power supply
Ethernet	(2) LEDs on To RX port; Green indicates Ethernet link status; Amber indicates Ethernet activity

Video

Input Signals	HDMI, DisplayPort 1.2 via the USB Type-C® port
Output Signal	HDMI over CAT5
Resolution	1080p
Video Content Protection	HDCP 1.4 and HDCP 2.2

Audio

Input Signal	HDMI, DisplayPort 1.2 via the USB Type-C port
Output Signal	HDMI over CAT5

Connectors

LAN PoE	(1) 8 pin RJ-45 connector, female
ACC	(1) USB 3.0 Type B connector, female; For firmware loading only
USB-A	(1) USB 2.0 Type A connector, female
USB-B	(1) USB 2.0 Type B connector, female
USB	(1) USB Type-C 2.0 connector, female
HDMI IN	(1) HDMI Type A, female
To RX	(1) 8-pin RJ-45 connector, female
Power Jack	(1) DC power connector

LAN	(1) 8-pin RJ-45 connector, female
Ground	(1) 6-32 screw

Power

Power (from included power supply)	24VDC, 3.75A, 100-240VAC, 90 W
Device Charging	Up to 60 W charging for devices connected via the USB Type-C port

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 95% RH (noncondensing)

Construction

Chassis	Metal, black finish, integral mounting flanges; Vented top, front, bottom, and sides
Mounting	Attaches to a single rack rail or freestanding

Dimensions

Height	1.58 in. (40 mm)
Width	9.25 in. (235 mm)
Depth	8.37 in. (213 mm)

Compliance

Regulatory Model: M201852001
BV Listed for the United States and Canada to UL/IEC 62368-1 safety standards, CE compliant for applicable European Union requirements

HD-CONV-USB-260

Communications

RX IN	DM Essentials via UC Presentation Transmitter (UC-PR)
USB	USB 2.0 and USB 3.0

Indicators

PWR	(1) Green LED indicator for operating power supplied via power supply
Ethernet	(2) LEDs on RX IN port; Green indicates Ethernet link status; Amber indicates Ethernet activity

Connectors

RX IN	(1) 8-pin RJ-45 connector

Camera OUT	(1) USB 3.0 Type B connector, female; For USB UVC Device
Content OUT	(1) USB 3.0 Type B connector, female; For USB UVC Device
CAM IN	(1) USB 3.0 Type A connector, female
24V 1.25A	(1) DC Power connector (via included power supply)
AUX	(1) USB 2.0 Type B connector, female; For USB UAC Device
Ground	(1) 6-32 screw

Power

Power (from included power supply)	24VDC, 1.25A, 100-240VAC

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 95% RH (noncondensing)

Construction

Chassis	Metal, black finish, integral mounting flanges; Vented top, front, bottom, and sides
Mounting	Attaches to a single rack rail or freestanding

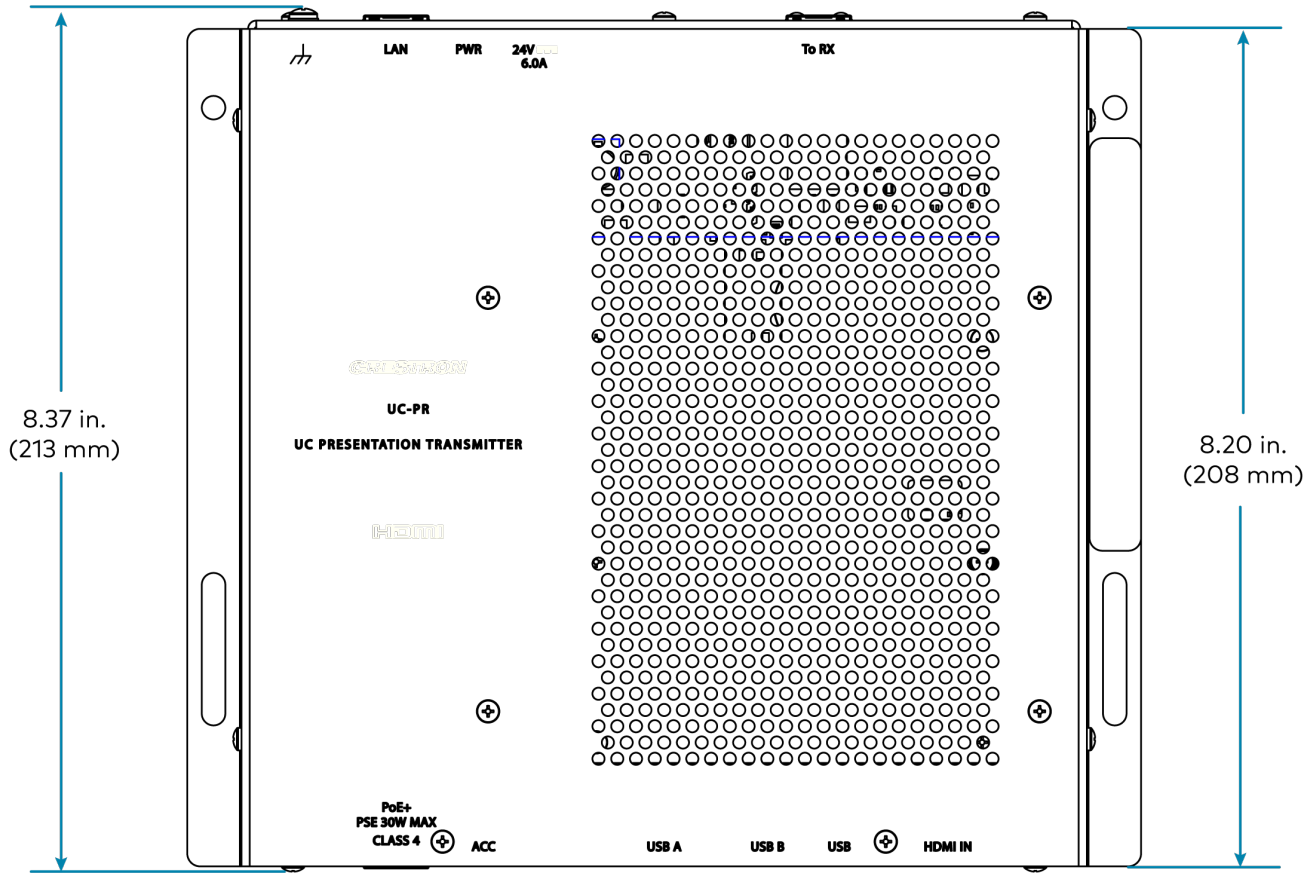
Dimensions

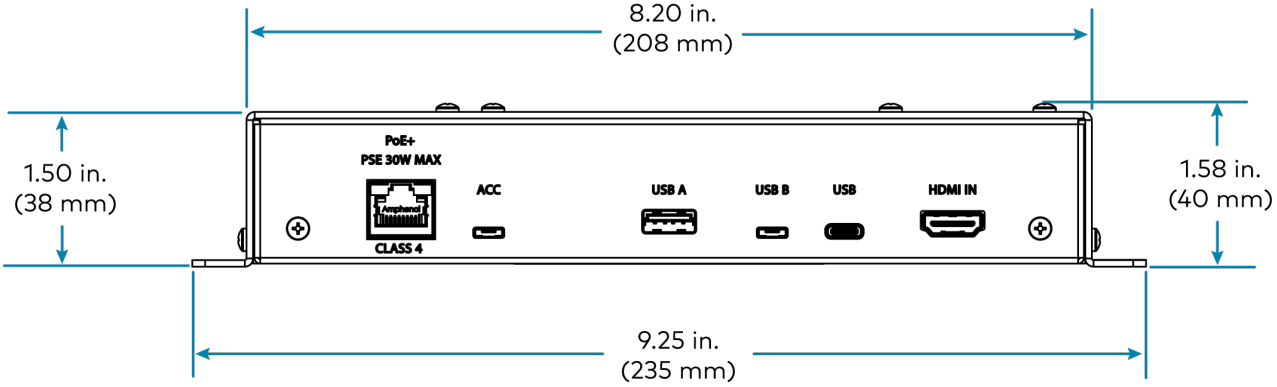
Height	1.05 in. (27 mm)
Width	4.55 in. (116 mm)
Depth	7.19 in. (163 mm)

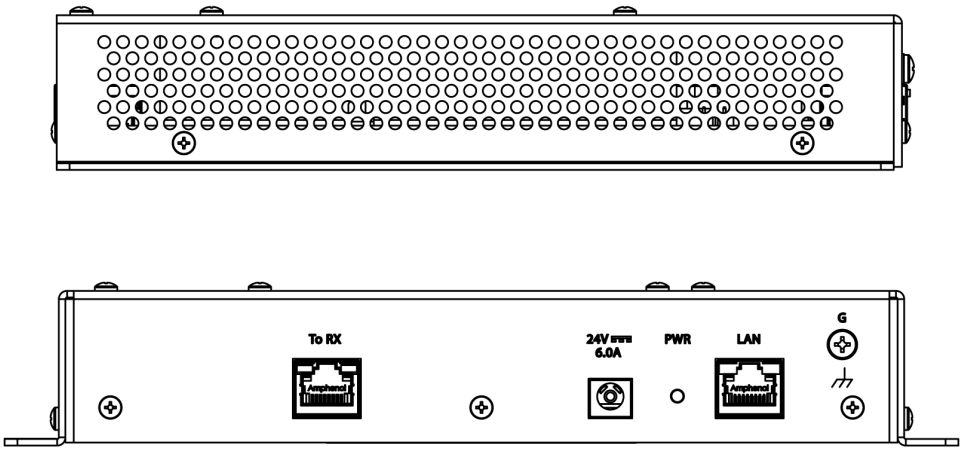
Compliance

Regulatory Model: M201922005
ETL Listed for the United States and Canada to UL/IEC 62368-1 safety standards, CE compliant for applicable European Union requirements

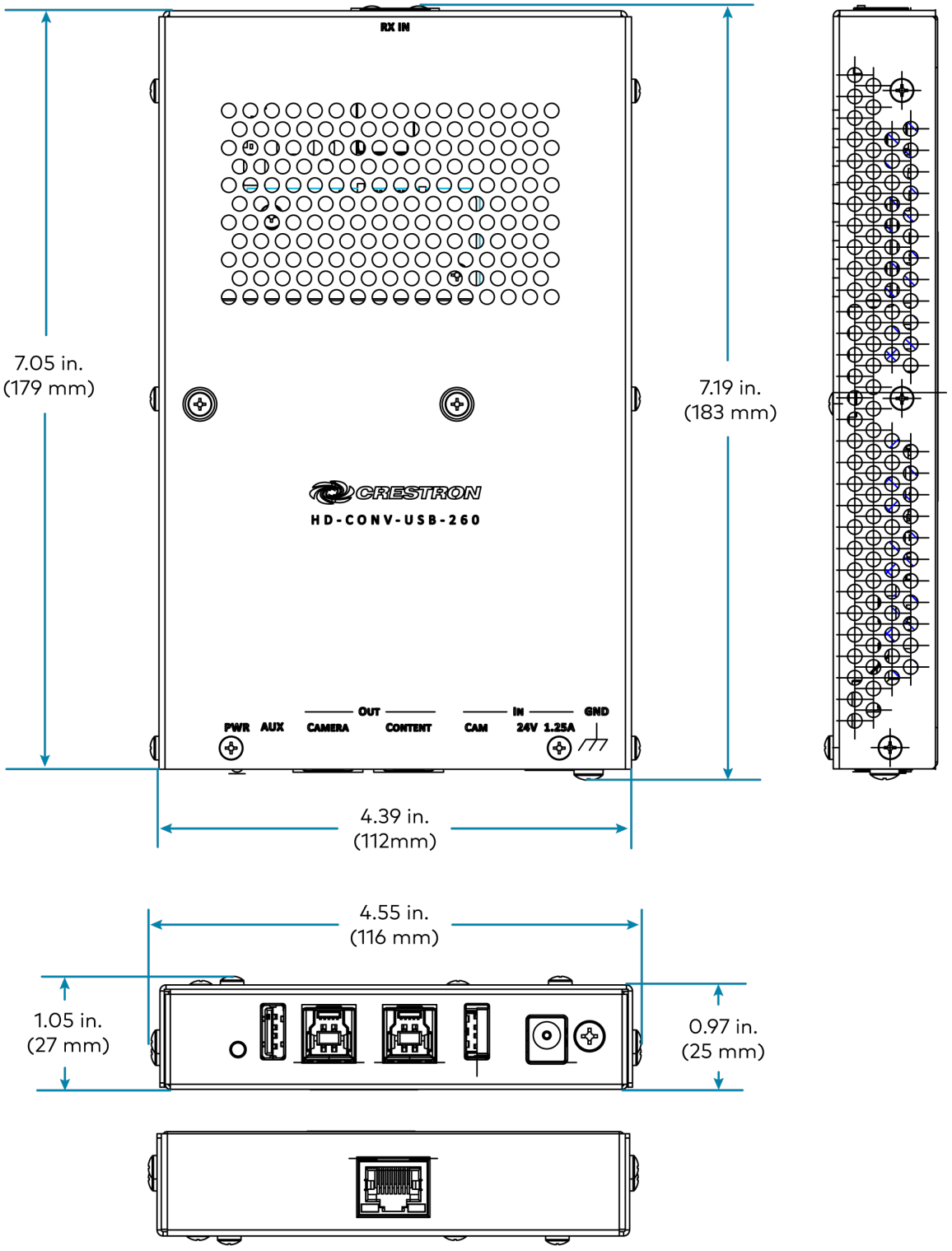
Dimension Drawings (UC-PR)






To RX
24V
6.0A
PWR
LAN
G

Dimension Drawings (HD-CONV-USB-260)



RMK-LONG Specifications

Product specifications for the RMK-LONG are provided below.

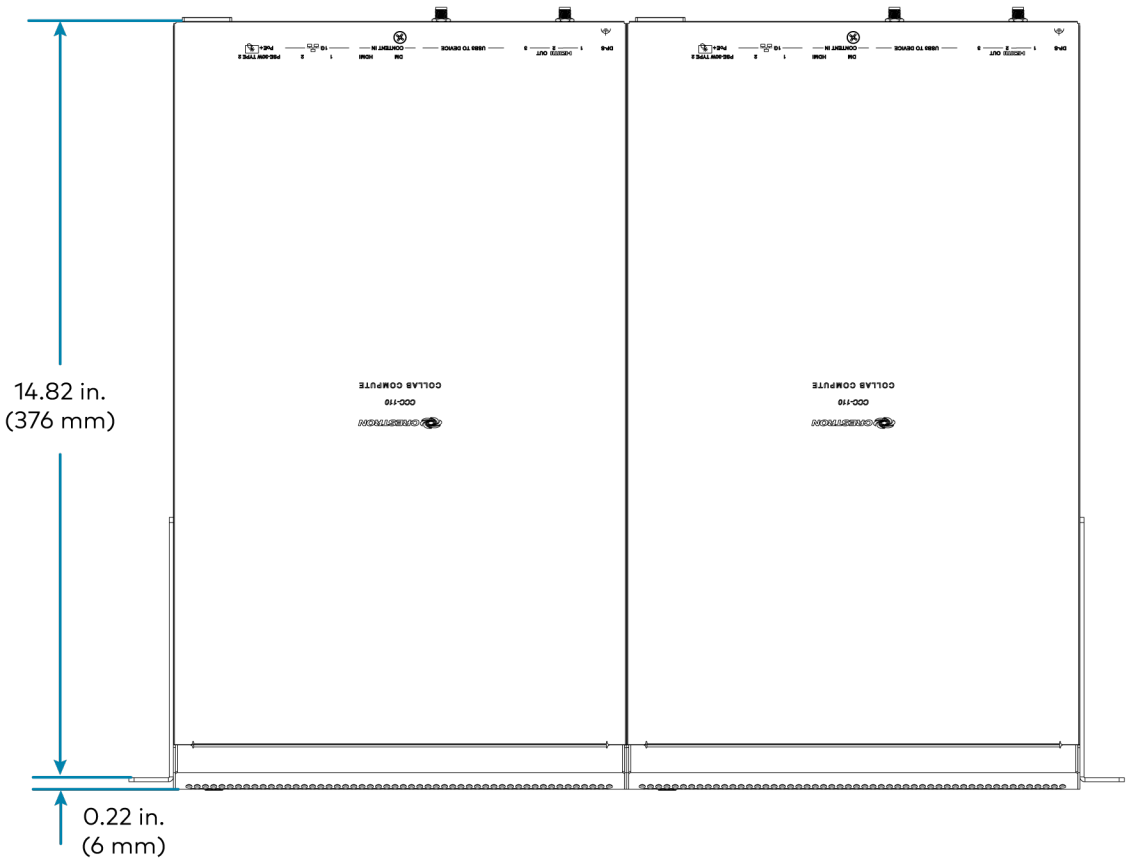
Construction

Base Material	Steel

Dimensions

With Crestron Collab Compute	Height: 1.72 in. (44 mm) Width: 19.02 in. (483 mm) Depth: 15.04 in. (382 mm)

Dimension Drawings



WMK-JOIN-PLATE Specifications

Product specifications for the WMK-JOIN-PLATE are provided below.

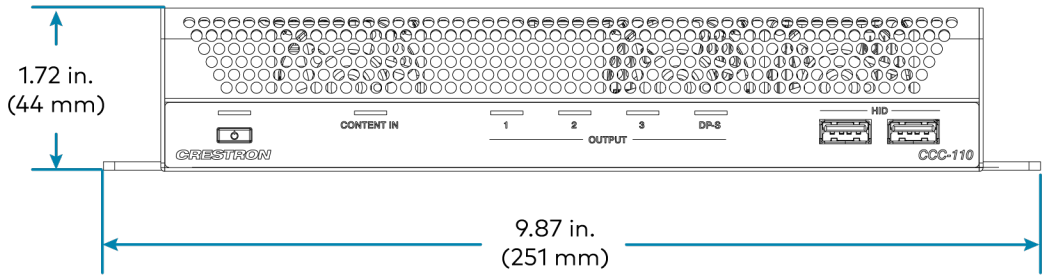
Construction

Base Material	Steel

Dimensions

With Crestron Collab Compute	Height: 1.72 in. (44 mm) Width: 9.87 in. (251 mm) Depth: 15.04 in. (382 mm)

Dimension Drawings



Supported Hardware

The following hardware has been validated to operate with the Crestron Collab Compute.

> **NOTE**: For more information on a validated device, refer to its respective product page.

Touch Screens

The following Crestron touch screens have been validated to operate with Collab Compute devices:

Device	Function
TS(W)-1080-UC	Front of room control
TS-1070	Front of room control
CCS-UC-1	Front of room control and USB audio
UC-2-T-V	Front of room control and USB audio

Cameras

The following Crestron camera devices have been validated to operate with Collab Compute devices:

- UC-SB2-CAM (when used in Peripheral Mode)
- UC-SB1-CAM
- UC-SB-P50 (Jabra® Panacast® 50)
- UC-CAM-L1 (Huddly® L1™)
- IV-SAM-VX2-S (Automate VX2)
- IV-SAM-VX2-P (Automate VX2 Pro)
- IV-CAM-I12
- IV-CAM-I20
- IV-CAM-I12D
- IV-CAM-P12
- IV-CAM-P20

Audio Devices

The following Crestron audio devices have been validated to operate with Collab Compute devices:

- UC-AUDIO-POD-B-DR1 (Crestron Flex Pods)
- DM-NAX-AP-100

DM Essentials

The following Crestron DM Essentials devices have been validated to operate with Collab Compute devices:

- HD-TX-4KZ-111
- HD-TX-4KZ-111-1G
- HD-TXC-4KZ-101
- HD-TXCA-4KZ-101
- HD-TXC-4KZ-101-1G
- HD-TX-4KZ-421-CHGR (with USB-C charging)

Third Party Devices

Third-party devices that are Microsoft Teams or Zoom Rooms certified can operate with the Collab Compute. For more information on the available devices, refer to the respective conferencing platform's website.

Installation

This section provides the following information:

- Collab Compute Installation
- CCC-BYOD KIT Installation

Collab Compute Installation

Use the following procedures to install the Collab Compute.

In the Box

The following items are included with the Crestron Collab Compute and associated accessories.

CCC Series In the Box

Qty.	Description
1	CCC Series, Crestron Collab Compute
	Additional Items
1	Power cord (2065937)

CCCA-CMK-110/120 In the Box

Qty.	Description
1	CCCA-CMK-110/120, Crestron Collab Compute Toolless Mounting Kit
	Additional Items
1	Left Mounting Bracket (4539300)
1	Right Mounting Bracket (4539301)
4	Screw, M3 x 5 mm (2056596)
4	Screw, 6-AB x 1 in. (2066056)
4	Drywall Anchor (2043727)
4	Washer, Flat (2007664)

WMK-JOIN-PLATE In the Box

Qty.	Description
1	WMK-JOIN-PLATE, Wall Mount Kit for Crestron Collab Compute
	Additional Items
4	Plate, Joining (2056313)
8	Screw, 8-32 x 1/4 in. (2023679)

Qty.	Description
4	Screw, 8-AB x 1-1/4 in. (2066014)
4	Wall Anchor, 1 in. (2066013)

RMK-LONG In the Box

Qty.	Description
1	RMK-LONG, Rack Mount Kit for Crestron Collab Compute

	Additional Items
2	Rack Ear, Quarter-Wide, 1U (2057495)
6	Screw, 6-32 x 5/16 in. (2007223)
2	Plate, Joining (2056313)
8	Screw, 8-32 x 1/4 in. (2023679)

Install the Crestron Collab Compute

The Collab Compute may be mounted onto a wall or similar flat surface with the CCCA-CMK-110/120 Toolless Mounting Kit (sold separately) or placed on a tabletop.

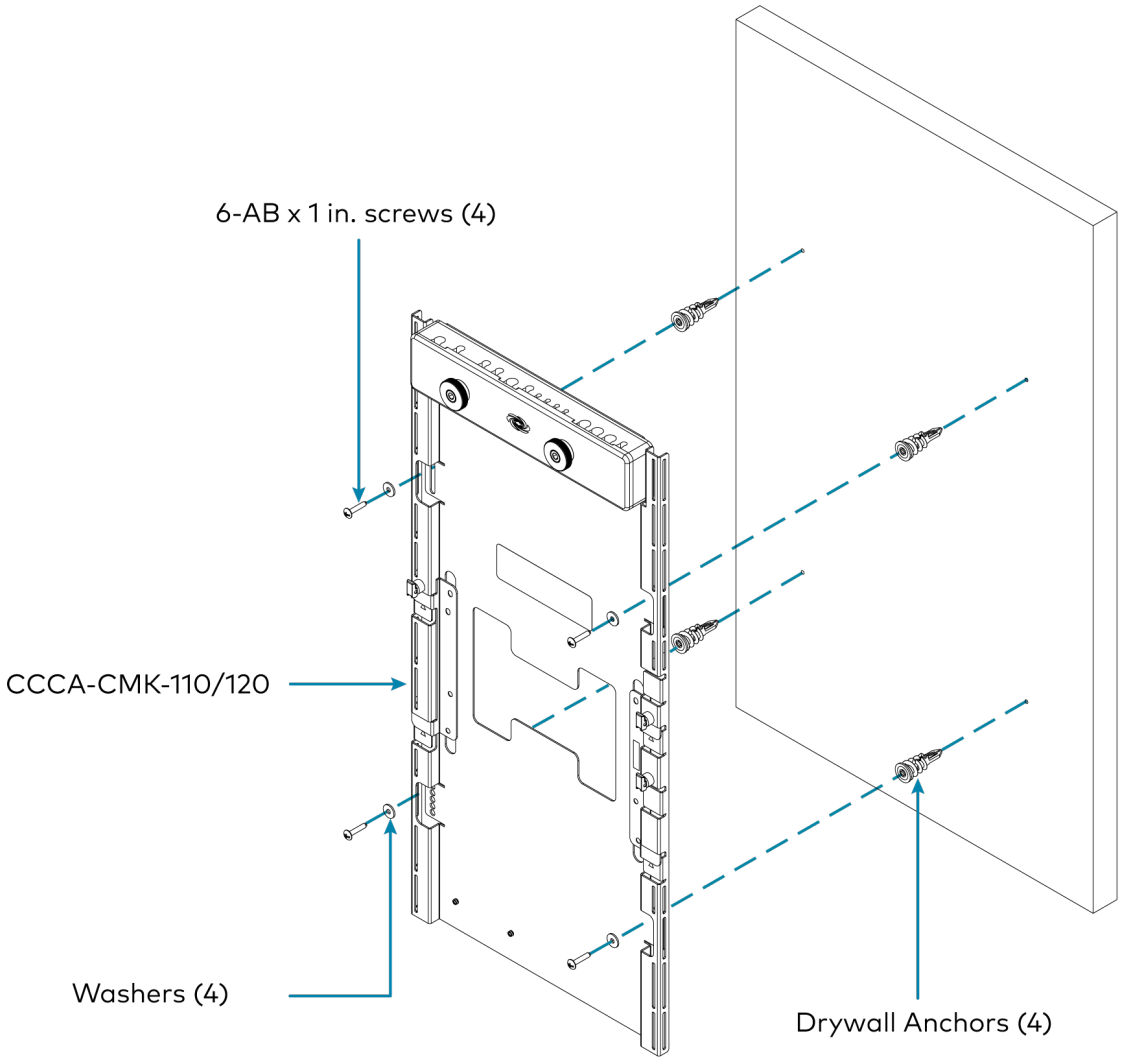
Mount via The CCCA-CMK-110/120 (Crestron Collab Compute Toolless Mounting Kit)

To mount the Collab Compute with the CCCA-CMK-110/120:

1. Use two of the included M3 x 5 mm screws to attach the CCC Left Mounting Bracket to the bottom of the Collab Compute.
2. Use two of the included M3 x 5 mm screws to attach the CCC Right Mounting Bracket to the bottom of the Collab Compute.
3. Choose a mounting location that is free of any wiring or other obstructions. Make a small hole in the surface near the center of the chosen location to verify that it is suitable for mounting.
4. Use a level and the CCCA-CMK-110/120 as a template to mark four pilot holes. Ensure the pilot holes are aligned with the four wall mount holes and that the mount is level before proceeding.
5. Drill four pilot holes into the mounting surface using the locations marked in step 4.
6. Install four of the included drywall anchors into the pilot holes.
7. If routing cables to the Collab Compute through the wall, make a suitable hole in the mounting surface.
8. Insert the four included 6-AB x 1 in. screws through the four included washers.

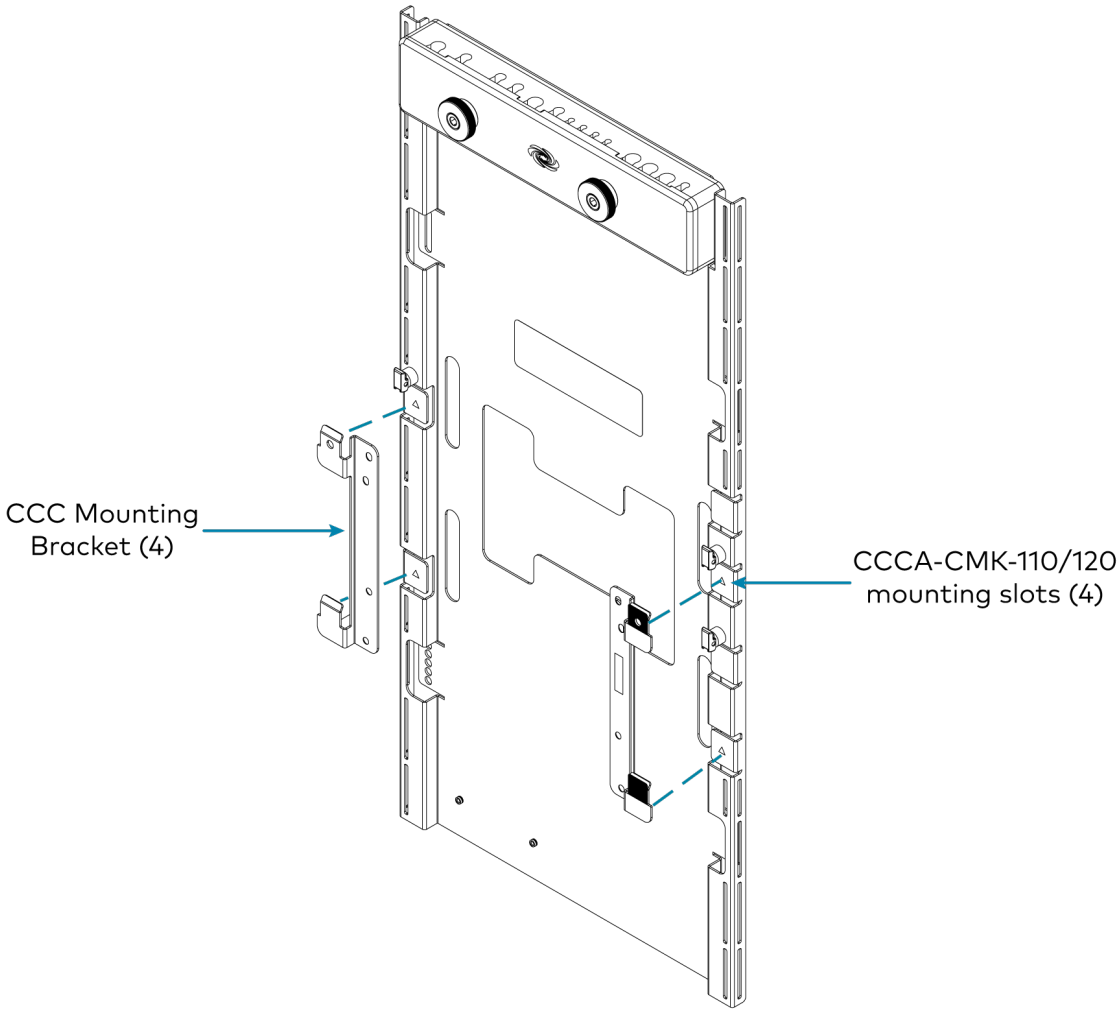
9. Screw four of the included 6-AB x 1 in. screws through the side slits of the CCCA-CMK-110/120 into the drywall anchors in the wall. Ensure that the washers are between the screws and the CCCA-CMK-110/120 when fastening them.

CCCA-CMK-110/120 Wall Mount



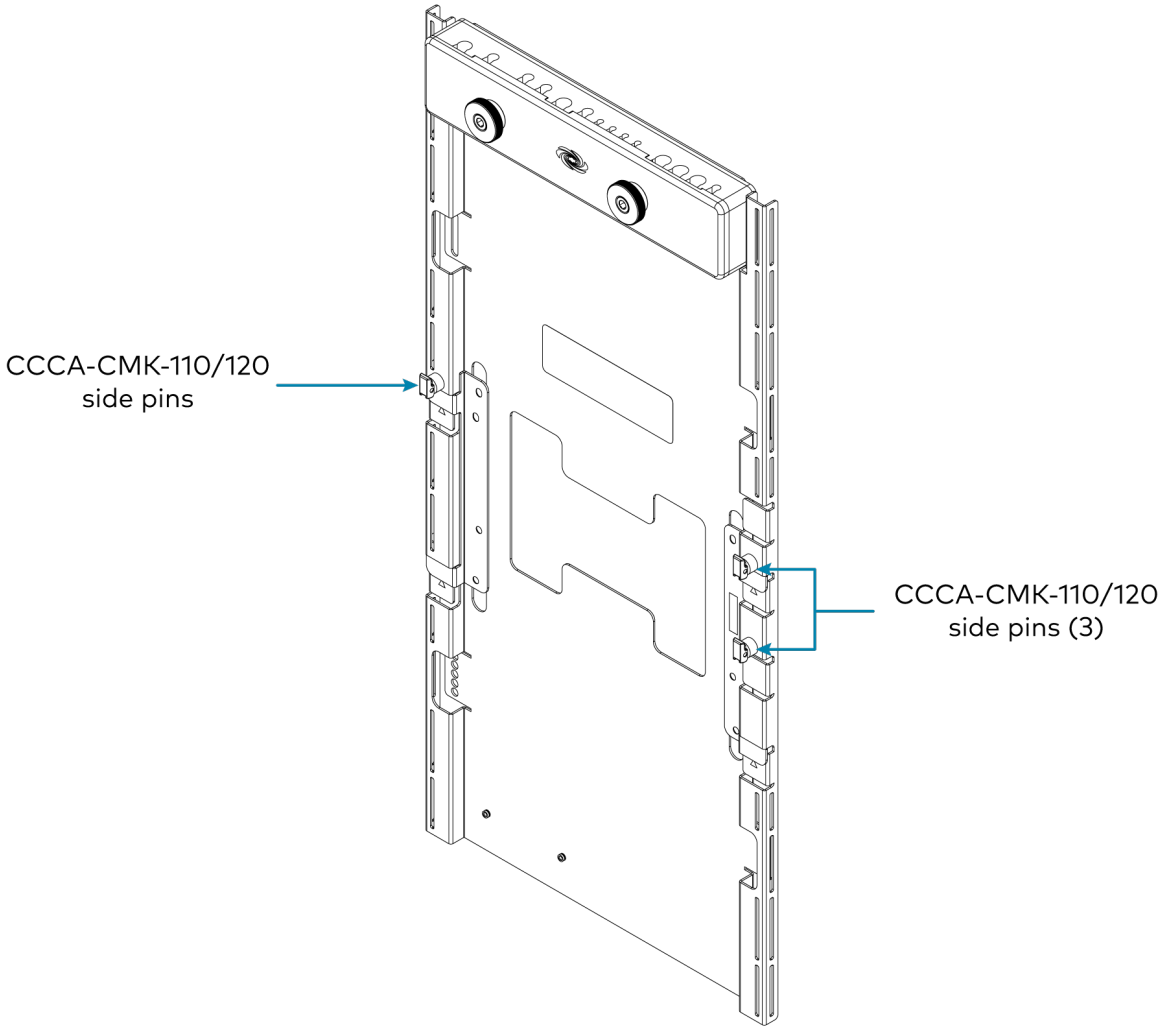
10. Slide the Collab Compute, with the left and right mounting brackets attached, into the CCCA-CMK-110/120. The arrows on the side slots of the CCCA-CMK-110/120 indicate the direction to insert the Collab Compute. Ensure the mounting flanges align with and fully engage the side slots of the CCCA-CMK-110/120.

Collab Compute Insert



11. Push the three side pins of the CCCA-CMK-110/120 into the Collab Compute Left and Right Mounting brackets. The side pins will make an audible snap when properly engaged.

Side Pins



12. Loosen the two rear cable management cover screws.
13. Remove the cable management cover.
14. Make the necessary connection as described in Connect the Collab Compute on page 57.
15. Attach the rear cable management cover using the screws removed in step 12.

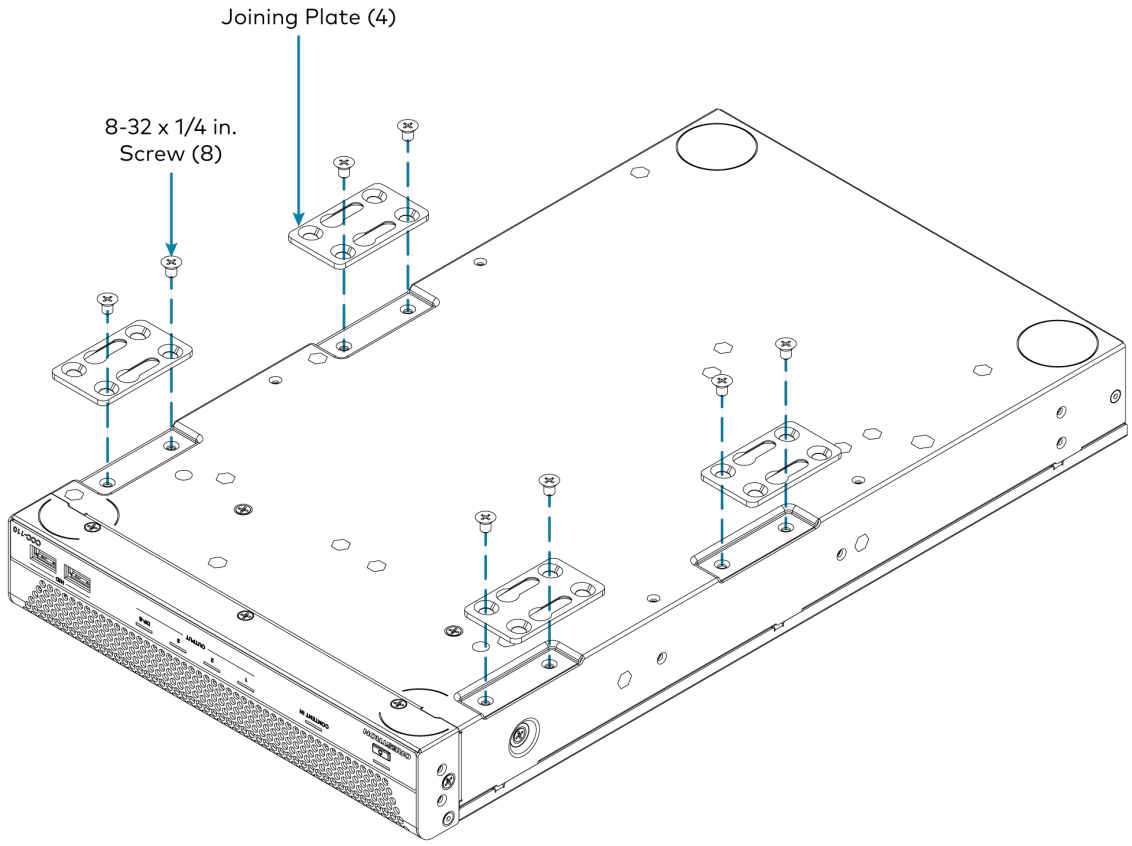
The CCCA-CMK-110/120 and the Collab Compute are now mounted to the surface.

Mount via The WMK-JOIN-PLATE (Wall Mount Kit)

To mount the Collab Compute to a wall or similar flat surface with the WMK-JOIN-PLATE:

1. Use the eight included 8-32 x 1/4 in. screws to attach four joining plates to the underside of the Collab Compute as shown in the following image.

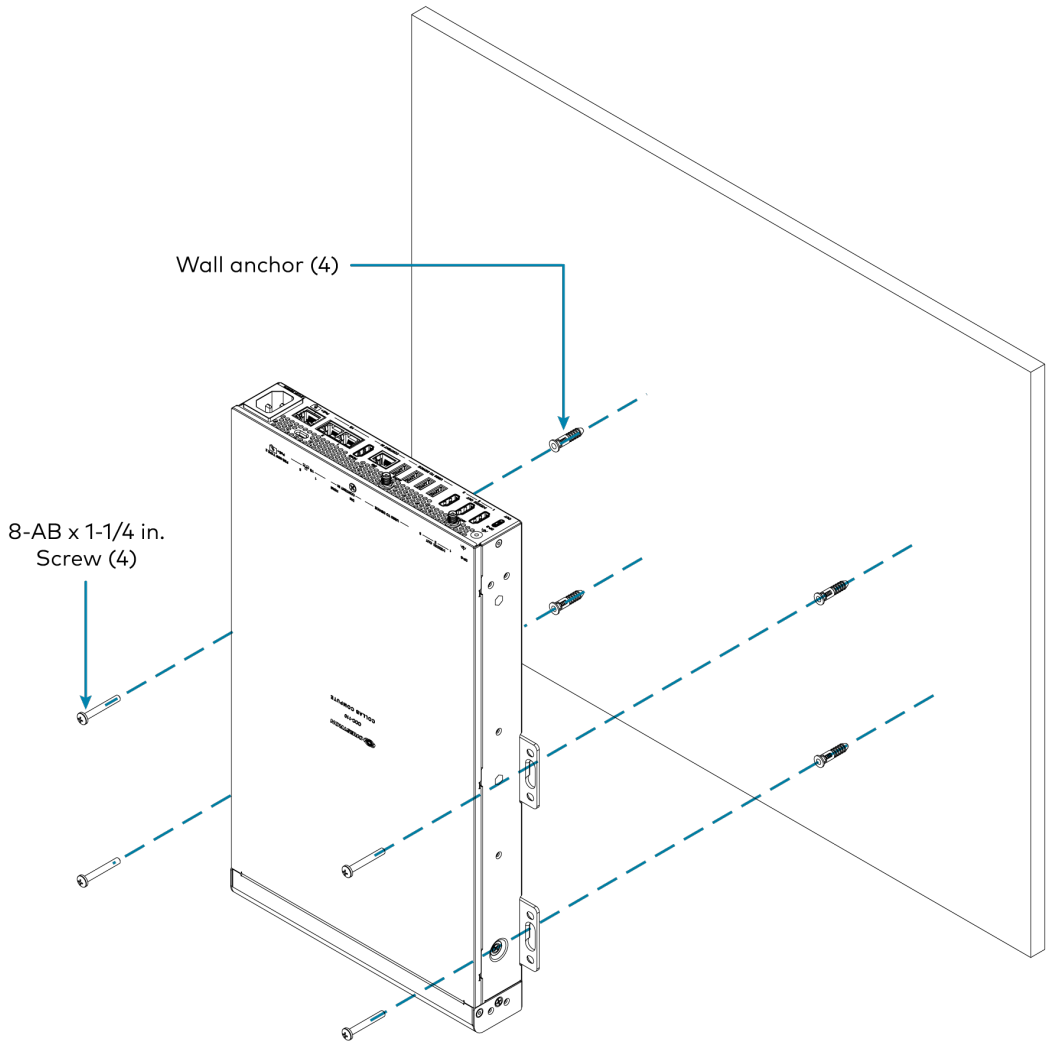
   Attach Joining Plates



2. Choose a mounting location that is free of any wiring or other obstructions. For wall mounting, make a small hole in the surface near the center of the chosen location to verify that it is suitable for mounting.
3. Use a level and the attached joining plates as a template to mark four pilot holes. Ensure the pilot holes are aligned with the four wall mount holes and that the mount is level before proceeding.
4. Drill four pilot holes into the mounting surface using the locations marked in step 3.
5. For wall mounting, install four of the included drywall anchors into the pilot holes.
6. If routing cables to the Collab Compute through the wall, make a suitable hole in the mounting surface.

7. Use four of the included 8-AB x 1-1/4 in. screws to mount the Collab Compute to the surface through the four attached joining plates

Mount to Wall

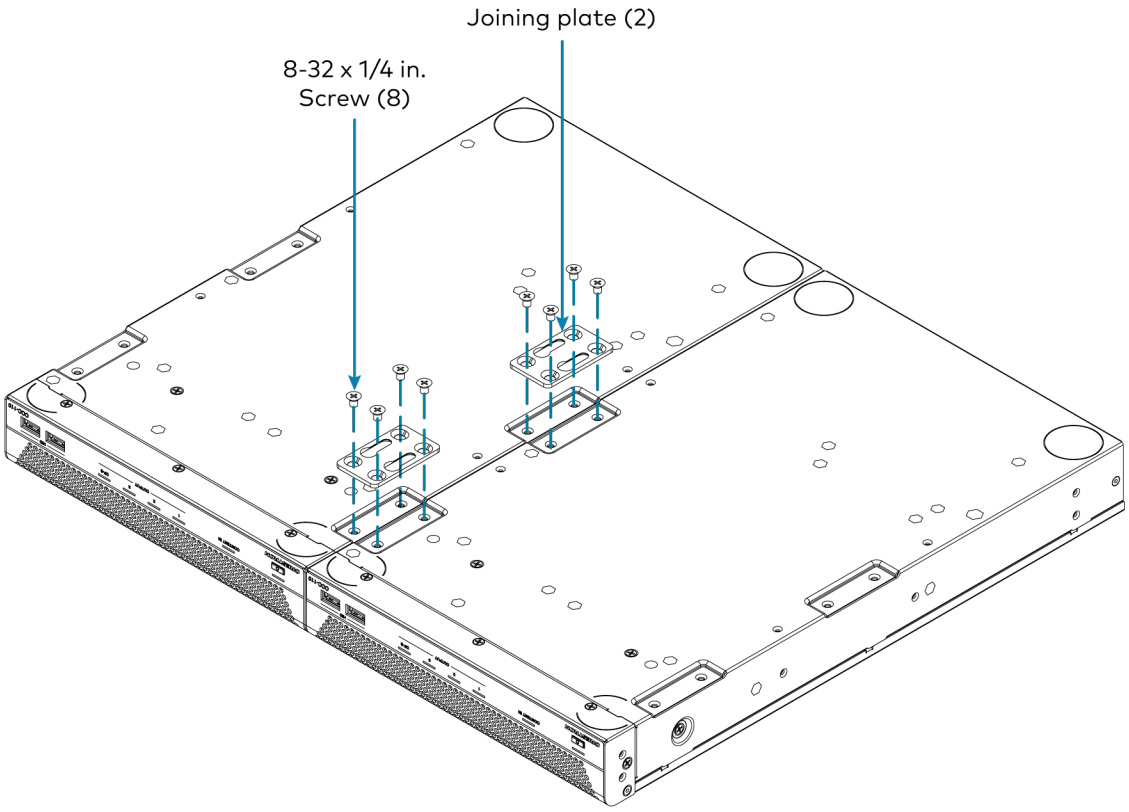


Rack Mount Two Collab Computes via The RMK-LONG (Rack Mount Kit)

To mount two Collab Computes side-by-side into a rack with the RMK-LONG:

1. Use the eight included 8-32 x 1/4 in. screws to attach two joining plates to the underside of both Collab Computes as shown in the following image.

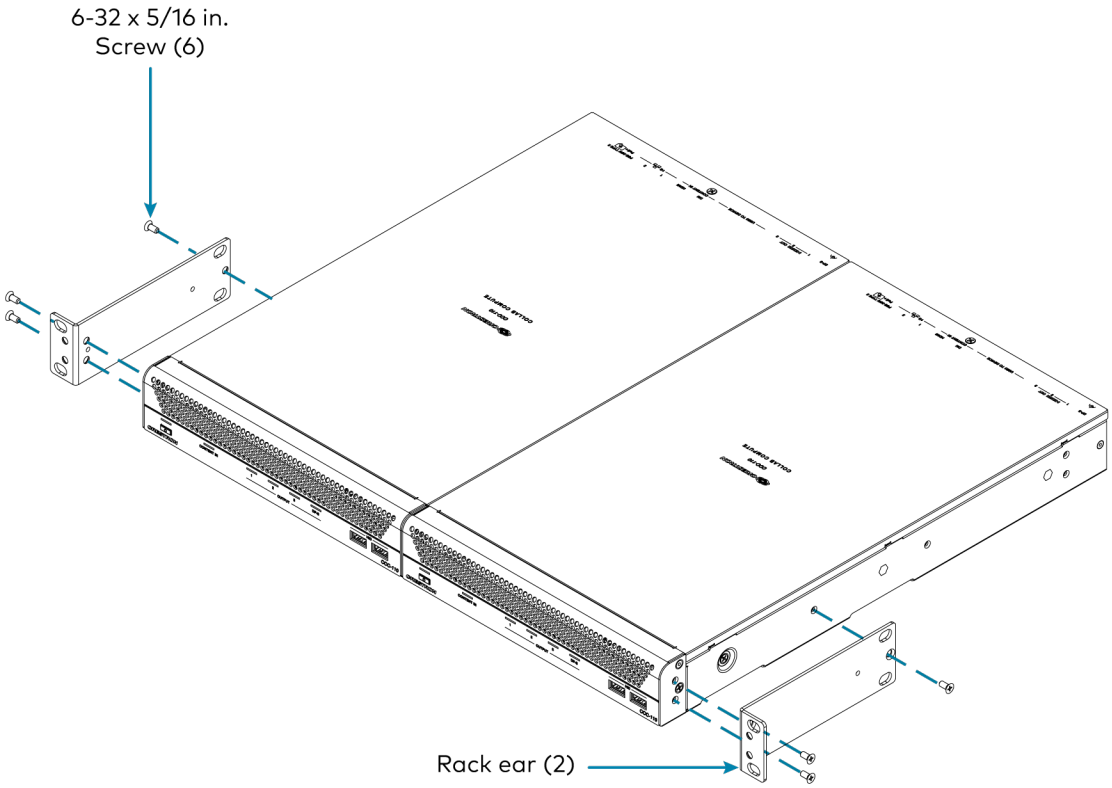
   Attach the Collab Computes Together



2. Use three of the included 6-32 x 5/16 in. screws to attach one rack ear (included) to the left Collab Compute.

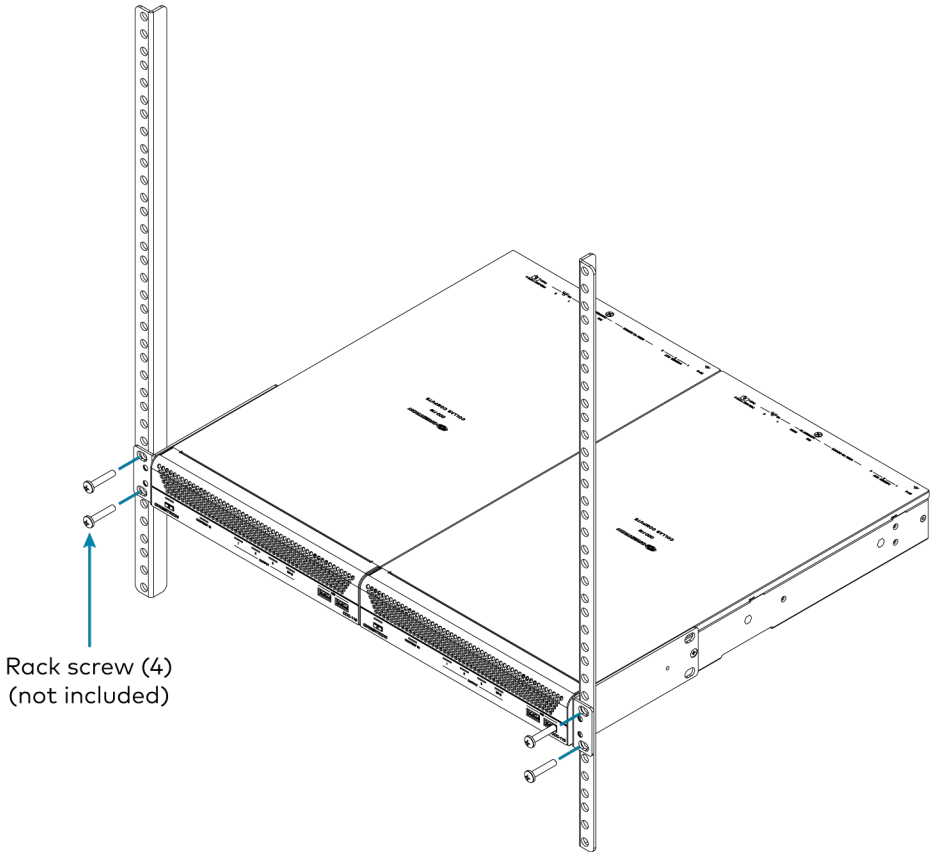
3. Use the other three included 6-32 x 5/16 in. screws to attach one rack ear (included) to the right Collab Compute.

Attach the Rack Ears



4. Use four rack screws (not included) to attach the Collab Computes to a rack through the attached rack ears.

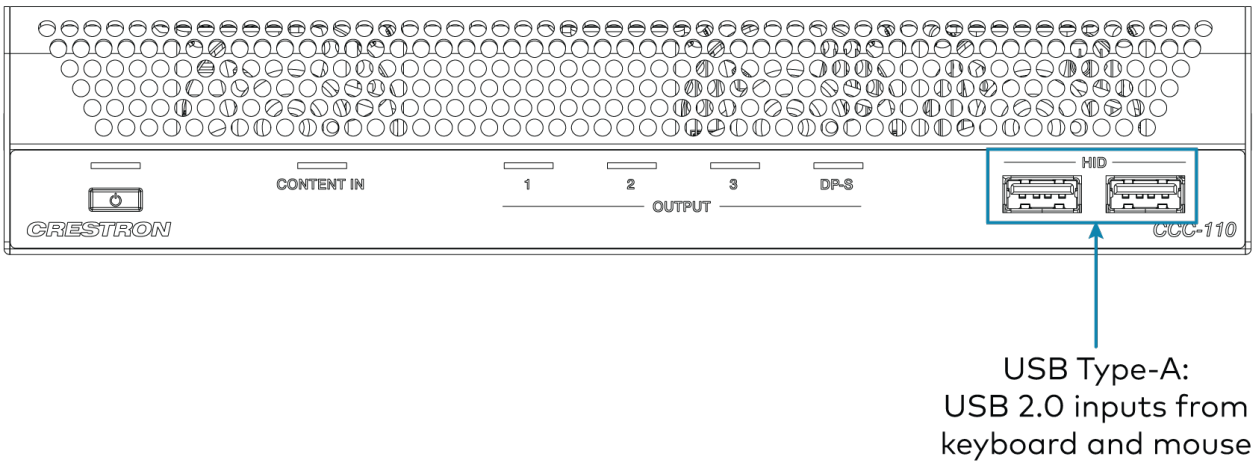
Mount to the Rack



Connect the Collab Compute

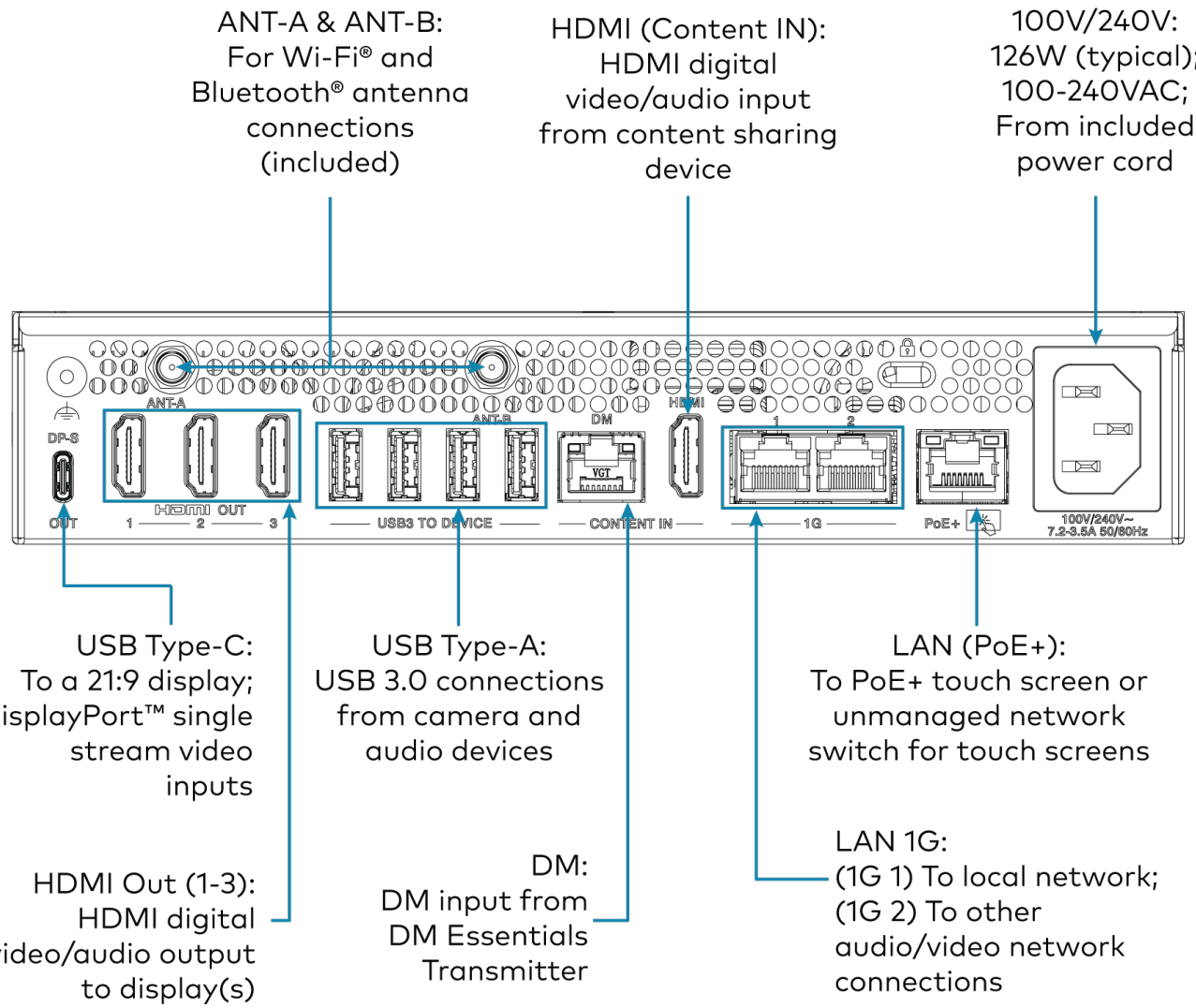
Make all necessary connections to the Collab Compute as shown in the following diagrams:

Collab Compute (Front)



USB Type-A:
USB 2.0 inputs from
keyboard and mouse

Collab Compute (Rear)



The following sections provide additional information about Collab Compute connections.

Display Connections

Perform either of the following to connect displays (not included) to the Collab Compute:

- **Standard Displays**: Connect up to three standard displays to the HDMI ports of the Collab Compute. Ensure the number of connected displays does not exceed the maximum supported by the conferencing platform.
- **21:9 Display**: Connect one 21:9 display to the rear **DP-S** port of the Collab Compute using a USB-C cable (not included).

  > **NOTE**: Do not use HDMI connections and the USB-C connection simultaneously.

Network Connections

Connect a CAT5e (or greater) Ethernet cable (not included) into the **1G 1** port on the Crestron Collab Compute. Connect the other end of the cable to the LAN or subnet.The MAC address of the device is associated with the 1G 1 port.

> **NOTE**: Use the **1G 2** port if a local data connection is required from a room peripheral. Connect the room peripheral to the **1G 2** port via a CAT5e (or greater) Ethernet cable.

Touch Screen Connectivity

TS(W)-1080-UC touch screens can be connected to the Collab Compute via a direct connection (no pairing required) or via a network connection (pairing required).

NOTE: TS-1070, CCS-UC-1, and UC-2-T-V touch screens are also compatible with the Collab Compute. For more information on connecting these devices to the Collab Compute, refer to Pair the TS-1070, UC-2-T-V, and CCS-UC-1 on page 73.

Perform either of the following to connect up to three TS(W)-1080-UC touch screens (not included) to the Crestron Collab Compute:

- Direct Connection: Use an CAT5e (or greater) cable to connect a single TS(W)-1080-UC touch screen to the **PoE+** port of the Collab Compute.

  TIP: Up to three TS(W)-1080-UC touch screens can be connected to the **PoE+** port via an unmanaged gigabit network switch connection.

  Connect the TS(W)-1080-UC touch screens to an unmanaged gigabit network switch. Then, connect the network switch to the **PoE+** port of the Collab Compute.

- Network Connection: Ensure that the Collab Compute and the TS(W)-1080-UC touch screens are on the same network subnet. Then, pair the TS(W)-1080-UC touch screens with the Collab Compute as described in Pair the TS(W)-1080-UC Touch Screen on page 71.

  NOTE: **Pairing Mode** must be enabled for TS(W)-1080-UC touch screen network connections. **Pairing Mode** is enabled by default when no touch screens are connected to the Collab Compute. For more information on **Pairing Mode**, refer to Control Screens on page 87.

Audio and Camera Devices

Connect USB audio and camera devices (not included) to the rear **USB3 TO DEVICE** USB Type-A ports of the Collab Compute.

NOTE: Crestron recommends using certified USB audio and camera devices with the Collab Compute. For a list of devices supported with the Collab Compute, refer to Supported Hardware on page 44. For more information on certified devices for the conferencing platform, refer to the respective platform's documentation.

Content Ingest

Make either of the following connections if content ingest from a host computer is desired (either a DM Essentials transmitter, a direct connection, or the CCC-BYOD-KIT):

> **NOTE**: The **HDMI CONTENT IN** and **DM** ports are disabled if the CCC-BYOD-KIT is selected as the **Content Input** within Crestron Settings. For more information on selecting the **Content Input** method, refer to Content Input on page 91.

- DM Essentials: Use either a Crestron DM-CBL-8G, Crestron DM-CBL-ULTRA, or third-party CAT5e (or greater) to connect the DM Essentials transmitter to the **DM** port of the Collab Compute. For more information, refer to the DM Essentials Product Manual.

  > **NOTES**:
  >
  > - The **DM** port (when used) overrides the **HDMI CONTENT IN** port of the of the Collab Compute.
  > - For a list of DM Essentials devices supported with the Crestron Collab Compute, refer to Supported Hardware on page 44.

- Direct connection: Connect the host computer to the **HDMI CONTENT IN** port of the Crestron Collab Compute via an HDMI cable.
- CCC-BYOD KIT: Refer to CCC-BYOD KIT Installation on page 62.

CCC-BYOD KIT Installation

Use the following procedures to install the CCC-BYOD KIT.

In the Box

Qty.	Description
1	CCC-BYOD KIT, Crestron Collab Compute Bring Your Own Device (BYOD) Kit
	Additional Items
1	HD-CONV-USB-260 (6511566)
1	UC-PR (6510936)
1	DM-CBL-ULTRA-PC-20 (6507640)
1	CBL-CAT5E-7 (6509924)
1	CCC-BYOD-ACCY (6514607)
1	PW-2412WU (6507485)
	UC-PR
1	Power pack, 24VDC, 6A, 100-240VAC (2056363)
1	Bracket, Plastic, Power supply (2056257)
1	Power cord (2001134)
1	Cable, USB-C to USB-C, 6.56 ft (2 m) (2055504)
1	Cable, HDMI to HDMI, 6.56 ft (2 m) (2056117)
1	Cable, USB-A to Micro B, 6.56 ft (2 m) (2055504)
8	Screw, 10-9 x 5/8 in. (2054365)
1	Housing, Plastic, Cable organizer (2056826)
1	Plate, Plastic, Cable organizer (2056825)
2	Nut, Plastic, Cable organizer (2056824)
2	Screw, 4-40 x 3/8 in. (2007170)
2	Cable, USB 3.0 A to USB 3.0 Micro-B, 15 in. (381 mm) (2055379)
	CCC-BYOD-ACCY
2	Bracket, Mount, Steel (2053822)
4	Drywall Anchor (2043585)

Qty.	Description
4	Screw, 6-18 x 1-1/4 in. (2043725)
2	Cable, USB-A to USB-B, 15 in. (0.38 m) (2055379)
4	Screw, 6-32 x 3/16 in. (2007208)

Mount the CCC-BYOD KIT

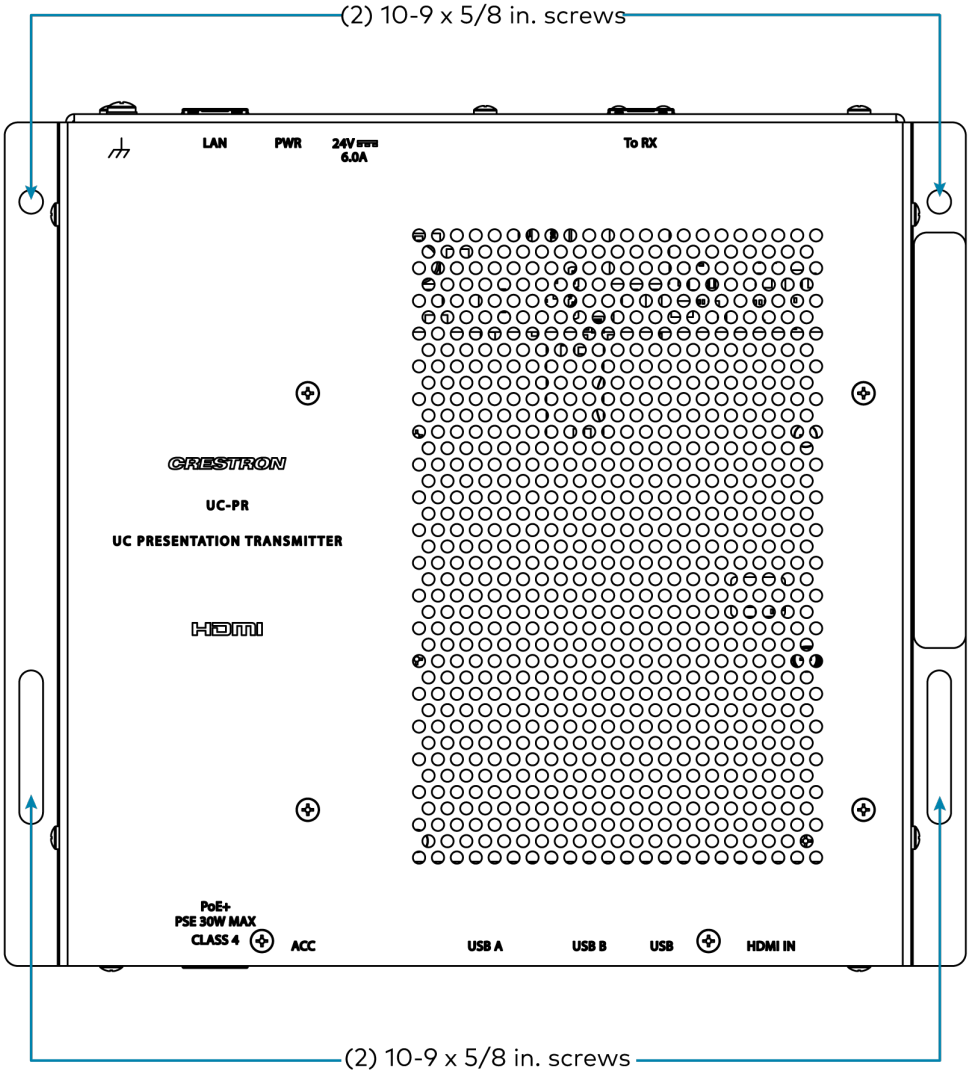
The CCC-BYOD KIT contains two individual pieces of hardware: the UC-PR and the HD-CONV-USB-260. Both of these devices may be mounted onto a flat surface with their included metal mounting brackets or placed on a tabletop or similar flat surface.

Mount the UC-PR

To mount the UC-PR to a flat surface:

1. Use a level and the mount as a template to mark four pilot holes. Ensure the pilot holes are aligned with the four mount holes and that the mount is level before proceeding.
2. Drill four pilot holes into the mounting surface using the locations marked in step 2.

3. Attach the mount onto the surface using four of the included 10-9 x 5/8 in. screws.



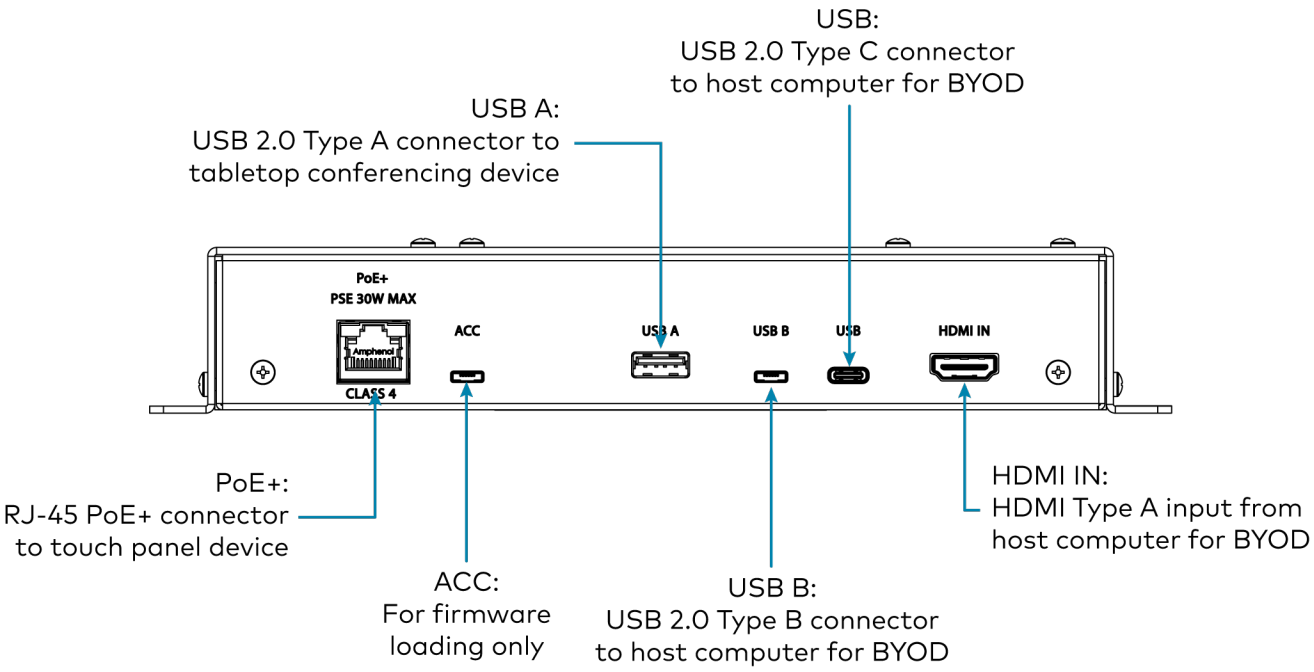
UC-PR Cable Organizer

Mount the UC-PR Cable Organizer according to the Cable Organizer for the UC-PR.

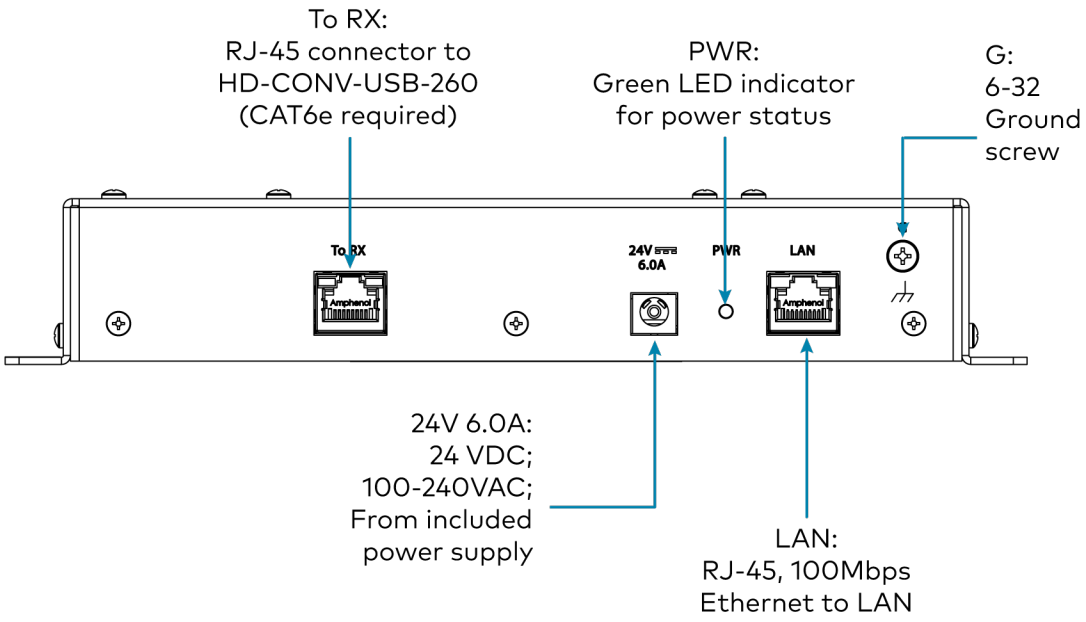
Connect the CCC-BYOD KIT

Make all necessary connections to the CCC-BYOD KIT as shown in the following diagrams.

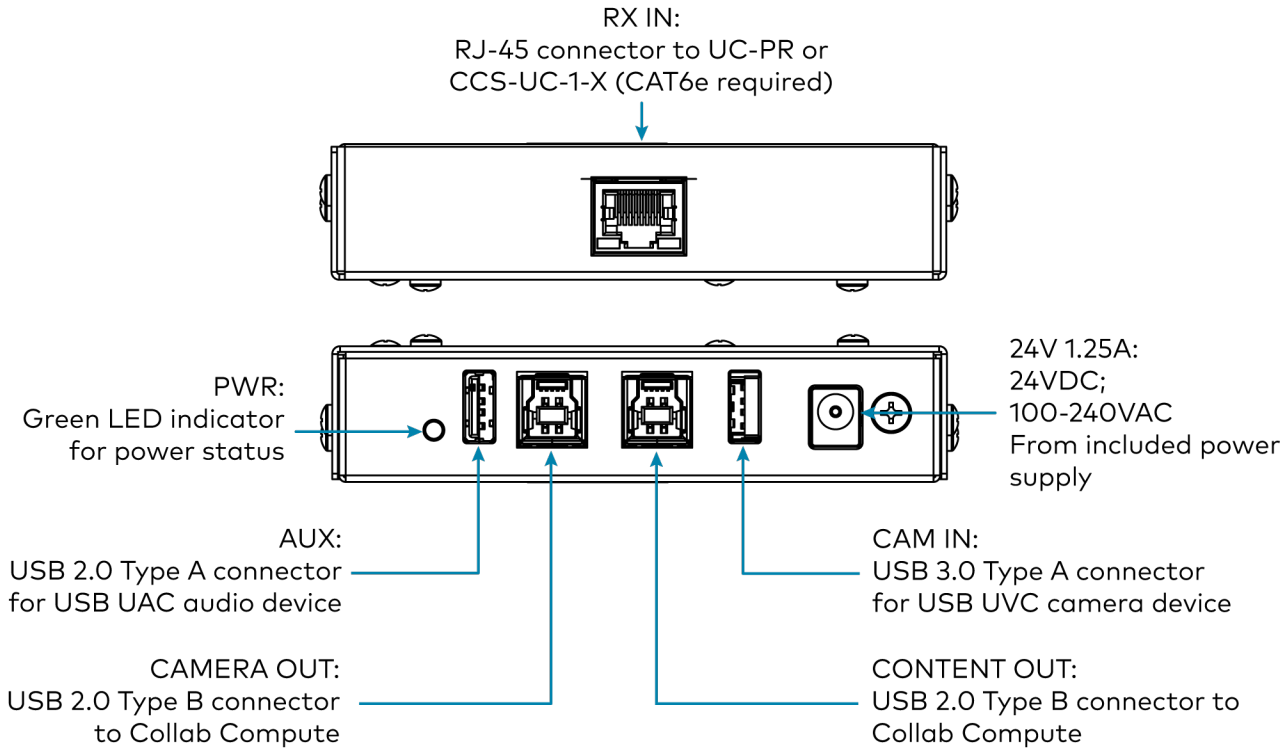
UC-PR Ports (Bottom)



UC-PR Ports (Top)



HD-CONV-USB-260 Ports



The following sections provide additional information about UC-PR and HD-CONV-260-USB connections.

> **NOTE**: **CCC-BYOD KIT** must be selected in the **Content Input** settings of the Collab Compute to enable BYOD conferencing with the CCC-BYOD-KIT. For more information, refer to Content Input on page 91.

UC-PR USB A and PoE+

The **USB A** and **PoE+** ports of the UC-PR are used for connections to the room control devices. Observe the following connection requirements:

- Laptop and touch screen (TS(W)-1080-UC or TS-1070): Use a CAT5e cable or greater to connect the touch screen to the **PoE+** port of the UC-PR.
- Laptop and tabletop conferencing device (CCS-UC-1 and UC-2-T-V): Use a CAT5e cable or greater to connect the tabletop conferencing device to the **PoE+** port of the UC-PR. Then, use a USB Type-A cable to connect the tabletop conferencing device to the **USB A** port of the UC-PR.

UC-PR USB-B and HDMI IN

The **USB-B** and **HDMI IN** ports of the UC-PR are used for connections to a host computer (such as a laptop). These connections facilitate the BYOD meeting from the host computer.

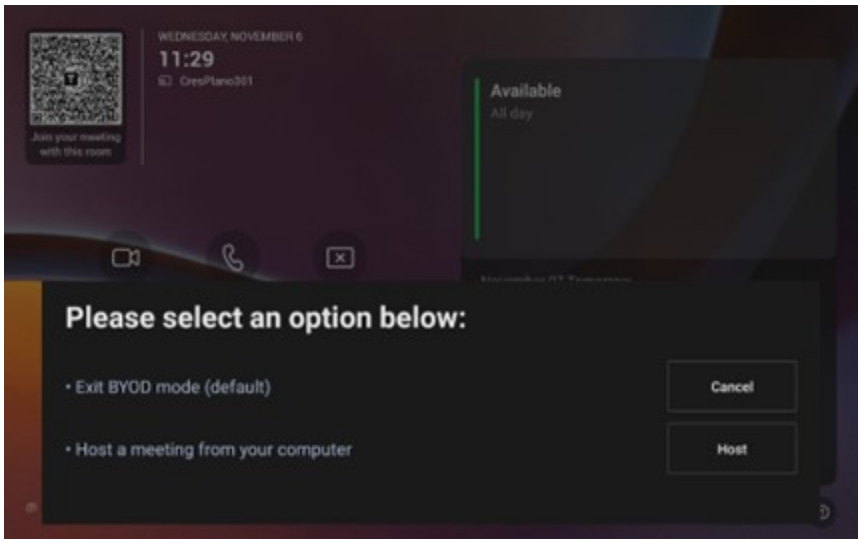
> **NOTE**: Do not connect the host computer to the UC-PR via USB-B or HDMI if a USB-C connection is present. For more information on connecting a host computer via USB-C, refer to UC-PR USB (Type-C) on page 68

To connect the UC-PR via USB-B and HDMI to the host computer:

1. Connect the included USB Type A to Micro-B cable to the **USB-B** port of the UC-PR.
2. Connect the included HDMI cable to the **HDMI IN** port of the UC-PR.
3. Connect the other end of the USB Type A to Micro-B cable to the host computer.
4. Connect the other end of the HDMI cable to the host computer.

If the connection is successful, a BYOD prompt will be displayed on the connected touch screen. Tap **Host** to begin a BYOD meeting.

BYOD Prompt



UC-PR USB (Type-C)

The **USB** (Type-C) port of the UC-PR is used to connect to the host computer (such as a laptop). This single USB Type-C connection facilitates the BYOD meeting from the host computer.

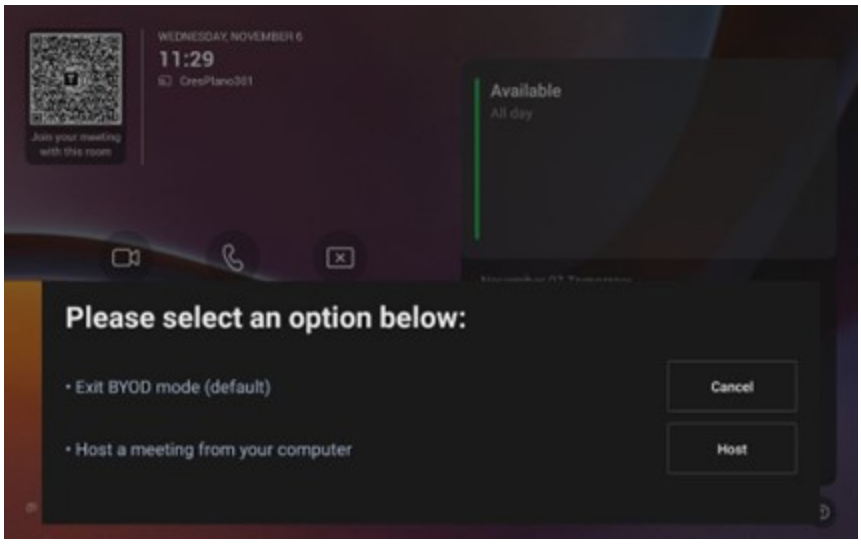
> **NOTE**: Do not connect the host computer to the UC-PR via USB-C if a **USB-B** or **HDMI** connection is present. For more information on connecting a host computer via **USB-B** and **HDMI** connections, refer to UC-PR USB-B and HDMI IN on page 67.

To connect the UC-PR via the USB Type-C to the host computer:

1. Connect the included USB Type-C cable to the **USB** port of the UC-PR.
2. Connect the other end of the USB Type-C cable to the host computer.

If the connection is successful, a BYOD prompt will be displayed on the connected touch screen. Tap **Host** to begin a BYOD meeting.

BYOD Prompt



HD-CONV-USB-260 CAM and AUX

The **AUX** and **CAM** USB Type-A ports of the HD-CONV-260-USB are used to connect to the audio and camera devices in the room for BYOD conferencing. To connect the audio and camera meeting peripherals to the HD-CONV-260-USB:

1. Connect a USB Type-A cable (not included) cable to the **AUX** port of the HD-CONV-260-USB.
2. Connect the other end of the USB Type-A cable to the audio device used for meetings.
3. Connect a USB Type-A cable (not included) cable to the **CAM** port of the HD-CONV-260-USB.
4. Connect the other end of the USB Type-A cable to the camera device used for meetings.

The audio and camera meeting peripherals are now set to operate with BYOD meetings. These devices appear as the camera and audio sources during BYOD meetings.

HD-CONV-USB-260 Camera and Content

The **CAMERA OUT** and **CONTENT OUT** ports of the HD-CONV-260-USB are used to connect to the Collab Compute. Use the two included USB Type-A to Type-B cables to connect the **CAMERA OUT** and **CONTENT OUT** ports of the HD-CONV-260-USB to two of the rear Collab Compute **USB3 to DEVICE USB** Type-A ports.

UC-PR (To RX) to HD-CONV-USB-260 (RX IN)

Ensure that a CAT6e or greater cable is used when establishing a connection from the UC-PR **To RX** port to the HD-CONV-USB-260 **RX IN** port.

CCS-UC-1-X to HD-CONV-USB-260 (RX IN)

Ensure that a CAT6e or greater cable is used when establishing a connection from the CCS-UC-1-X **To RX** port to the HD-CONV-USB-260 **RX IN** port.

UC-PR Network Connectivity

Ensure that a CAT6e or greater cable is used when establishing a network connection with the UC-PR.

Initial Setup

This section provides the following information:

- Pair the TS(W)-1080-UC Touch Screen
- Pair the TS-1070, UC-2-T-V, and CCS-UC-1
- Configure the Conferencing Platform

Pair the TS(W)-1080-UC Touch Screen

Up to three TS(W)-1080-UC touch screens can connect to the Collab Compute via a network connection.

> **TIP**: Alternatively, TS(W)-1080-UC touch screen can be connected directly to the Collab Compute via the **PoE+** port on the rear of the device. For more information about the ports available on the Collab Compute, refer to Connect the Collab Compute on page 57.

To connect a TS(W)-1080-UC touch screen to the Collab Compute via a network (Ethernet only) connection:

1. Ensure that power is applied to both the TS(W)-1080-UC touch screen and the Collab Compute.
2. Complete the initial setup for the TS(W)-1080-UC touch screen as described in the TS-1080-UC and TSW-1080-UC Product Manual.
3. When prompted to select a provider, select the meeting platform of the Collab Compute. **Select Compute Device** is displayed.
4. Select **Crestron Collab Compute**.
5. Ensure that the TS(W)-1080-UC touch screen and the Collab Compute are discoverable on the same network subnet.
6. Confirm that **Pairing Mode** is enabled on the Collab Compute. By default, **Pairing Mode** is enabled. **Pairing Mode** becomes disabled once a touch screen is connected. For more information on enabling **Pairing Mode**, refer to Control Screens on page 87.
7. Once the initial setup is complete on the TS(W)-1080-UC touch screen, it displays a **Select a device to connect** pairing screen. The IP address or Hostname of the desired Collab Compute populates the list. If the Collab Compute's IP address is not shown in the list, refer to Manual Pairing on page 72.

   > **NOTE**: Verify that the IP address of the Collab Compute matches the IP address listed in the **Select a device to connect** pairing screen. The Collab Compute displays its IP address on the top right of the display when no touch screens are connected to the device.

8. Select the IP address or Hostname of the Collab Compute within the list. Then, select **Pair**.

9. Enter the Administrator account credentials for the Collab Compute into the **Username** and **Password** text fields. Credentials are only required for the initial pairing of the TS(W)-1080-UC touch screen.

   > **NOTE**: Refer to the following default Administrator account credentials:
   >
   > Microsoft Teams
   >
   > - **Username**: Admin
   > - **Password**: sfb
   >
   > Zoom Rooms
   >
   > - **Username**: Admin
   > - **Password**: crestron

The TS(W)-1080-UC touch screen is now paired with the Crestron Collab Compute. It is recommended to restart the Collab Compute after the TS(W)-1080-UC touch screen is paired.

Manual Pairing

The Crestron Collab Compute's information can be entered manually when it does not auto-populate the **Select a device to connect** pairing screen on the TS(W)-1080-UC touch screen. To manually pair the TS(W)-1080-UC touch screen to the Collab Compute:

1. Complete steps 1 through 4 as described in Pair the TS(W)-1080-UC Touch Screen on page 71.
2. Select **Manual Pair**.
3. Enter the IP address or Hostname of the Collab Compute into the **Hostname or IP address** text field.
4. Enter the Administrator account credentials for the Collab Compute into the **Username** and **Password** text fields.

   > **NOTE**: Refer to the following default Administrator account credentials:
   >
   > Microsoft Teams
   >
   > - **Username**: Admin
   > - **Password**: sfb
   >
   > Zoom Rooms
   >
   > - **Username**: Admin
   > - **Password**: crestron

The TS(W)-1080-UC touch screen is now paired with the Collab Compute. It is recommended to restart the Collab Compute after the TS(W)-1080-UC touch screen is paired.

Pair the TS-1070, UC-2-T-V, and CCS-UC-1

Certain legacy Crestron touch screens and tabletop conferencing devices can be connected to the Collab Compute for meeting control. Before proceeding, ensure that legacy mode is set on the Collab Compute for pairing. For more information on Legacy Mode, refer to Connection Mode on page 87.

Use the following procedures to pair legacy touch screens with the Collab Compute.

Microsoft Teams

1. Connect the touch screen to the **PoE+** port of the Collab Compute.
2. On a computer, enter the IP address of the touch screen into a web browser. Log in and navigate to **Settings** > **Application**.

   > **NOTE**: A login with administrative rights for the touch screen is required.

3. Enter the following information in the appropriate fields:
   - **Teams Video PC Address**: Enter the IP address or hostname of the Collab Compute.
   - **Teams Video PC Port**: By default, port number 49500 is used. If a different port number has been configured on the Collab Compute, enter that port number instead.
   - **Teams Video Username**: Enter the login username for the Collab Compute. (The default username is **admin**.)
   - **Teams Video Password**: Enter the login password for the Collab Compute. (The default password is **sfb**.)
4. Select **Save Changes**.

Zoom Rooms

1. Connect the touch screen to the **PoE+** port of the Collab Compute.
2. Tap **Touch Here to Enable a Specific Application** on the bottom of the screen. A list of applications is displayed.
3. Tap **Zoom Rooms** and then tap **Confirm**. The touch screen will restart.

   > **NOTE**: For CCS-UC-1 devices only, touch screen control for Zoom Rooms must be enabled. For more information, refer to Zoom Windows Attached Room Controller on page 74.

4. Enter the pairing code shown on the display to pair the touch screen with the Collab Compute.

Configure the Conferencing Platform

Once the Collab Compute is installed and necessary connections are made, the conferencing platform of the device (Microsoft Teams Rooms or Zoom Rooms) initiates their account pairing process. Refer to the respective conferencing platform sections below for required steps and resources on pairing an account.

Default Account Credentials

Refer to the following default Administrator account credentials:

Microsoft Teams Account Credentials

- **Username**: Admin
- **Password**: sfb

Zoom Rooms Account Credentials

- **Username**: Admin
- **Password**: crestron

Microsoft Teams Rooms

When the Collab Compute is connected to the internet, Microsoft Teams will prompt the user to enter a Microsoft account and password. For more information on acquiring, setting up, and adjusting a Microsoft Teams account, refer to Microsoft's documentation.

Zoom Rooms

When the Collab Compute is connected to the internet, Zoom will prompt the user to enter a Zoom account and password. For more information on acquiring, setting up, and adjusting a Zoom Rooms account, refer to Zoom's documentation.

Zoom Windows Attached Room Controller

The Zoom Rooms account associated with the Collab Compute requires additional configuration to use displays with the Collab Compute. To enable touch screen control for Zoom Rooms with the Collab Compute:

> **NOTE**: This procedure is required for the following Crestron touch screens:
>
> - TS(W)-1080-UC touch screens
> - CCS-UC-1
> - CCS-UC-1-X

1. Log into the Zoom Domain Manager.
2. Navigate to the **Room Account**.

3. Select **Room Settings**.
4. Select **Devices**.
5. Enable **Use Windows-attached Zoom Rooms Controller with specific Windows Monitor hardware IDs** setting.
6. Input **MONITOR:TCT009A** into the **Device ID** text field.

Zoom Rooms is now enabled to control the touch screen used with the Collab Compute.

Crestron Settings App

After setting up the Collab Compute and connecting the required devices to the system, use the Crestron Settings app for further configuration.

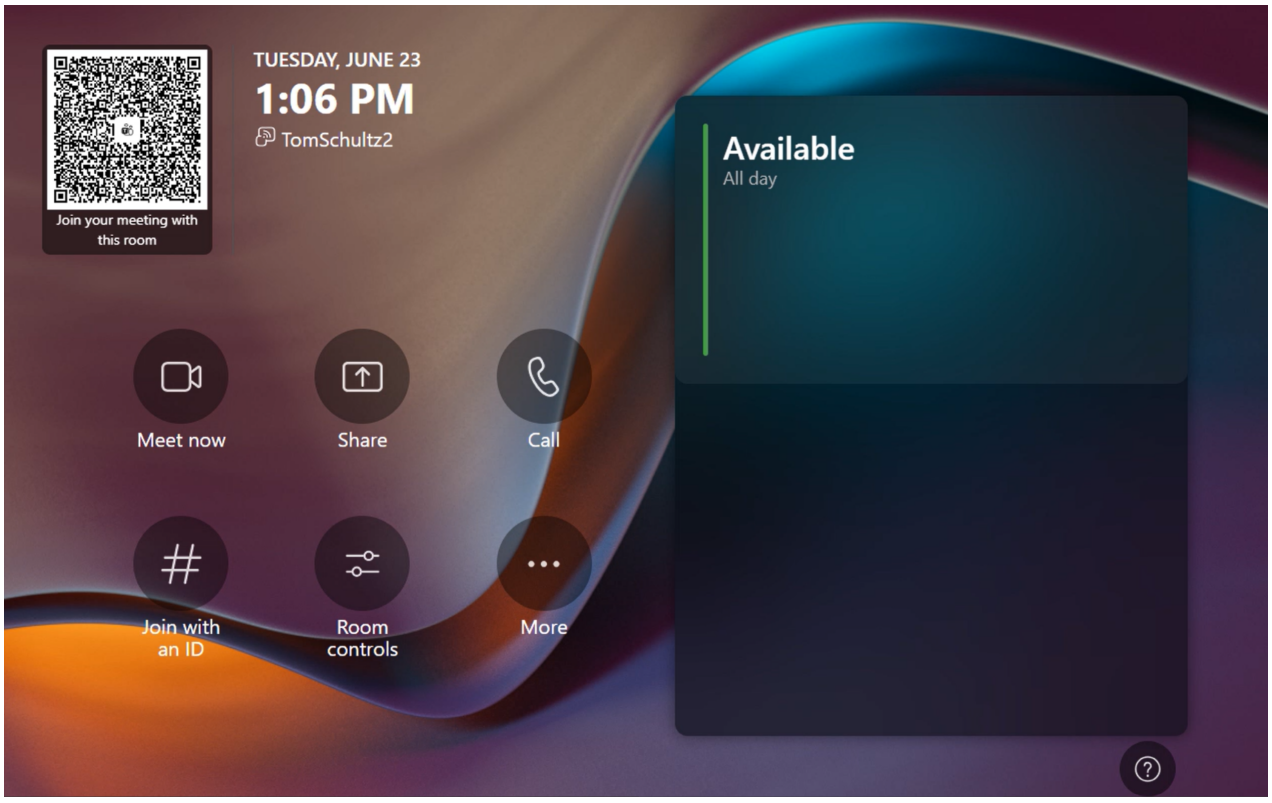
Access Crestron Settings (Microsoft Teams Rooms)

To open the Crestron Settings App on the CCC-110-T and CCC-120-T:

> **TIP**: If a keyboard is connected to the Collab Compute, press the ⊞ key 5 times to access the Windows® sign in screen. Then, proceed to step 5 of the following procedure.

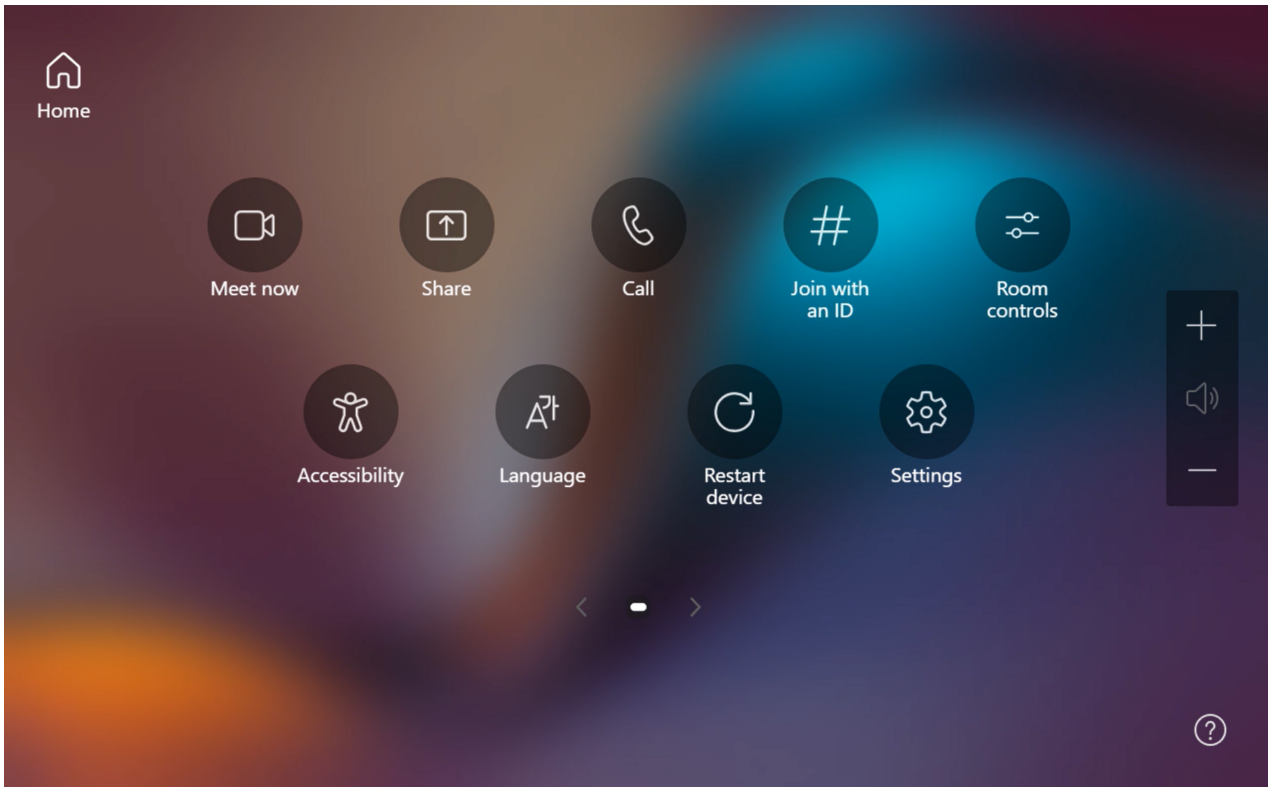
1. On the touch screen, select **More**.

   Teams Room

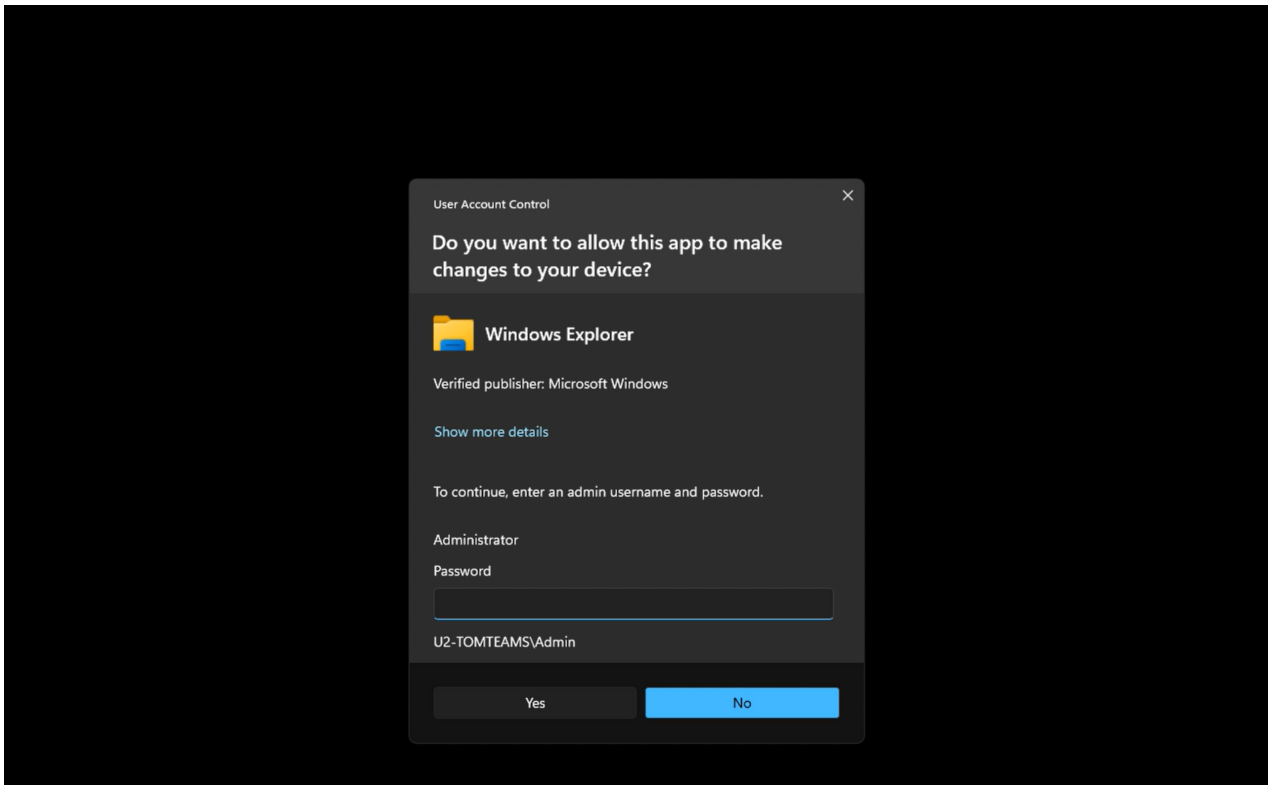


2. Select **Settings**. The **User Account Control** dialog box is displayed.

Teams Settings



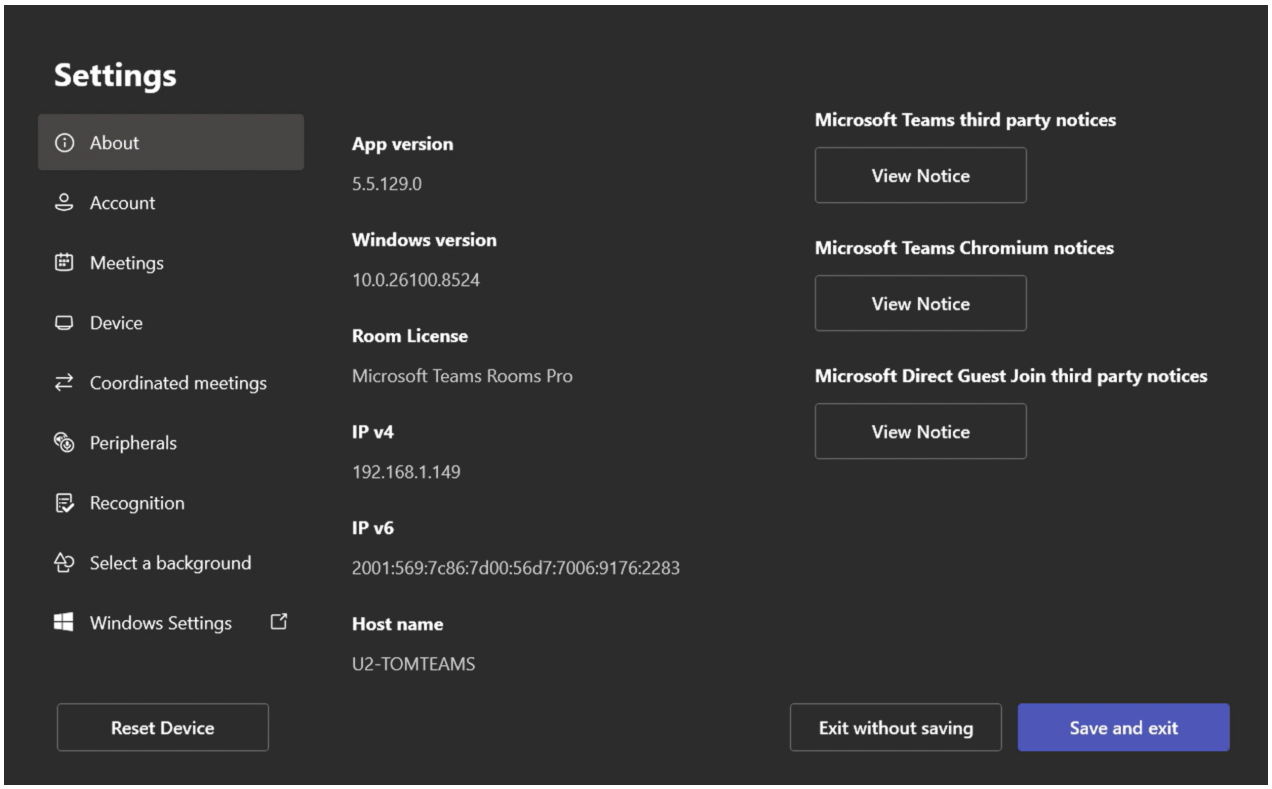
UAC Dialog Box



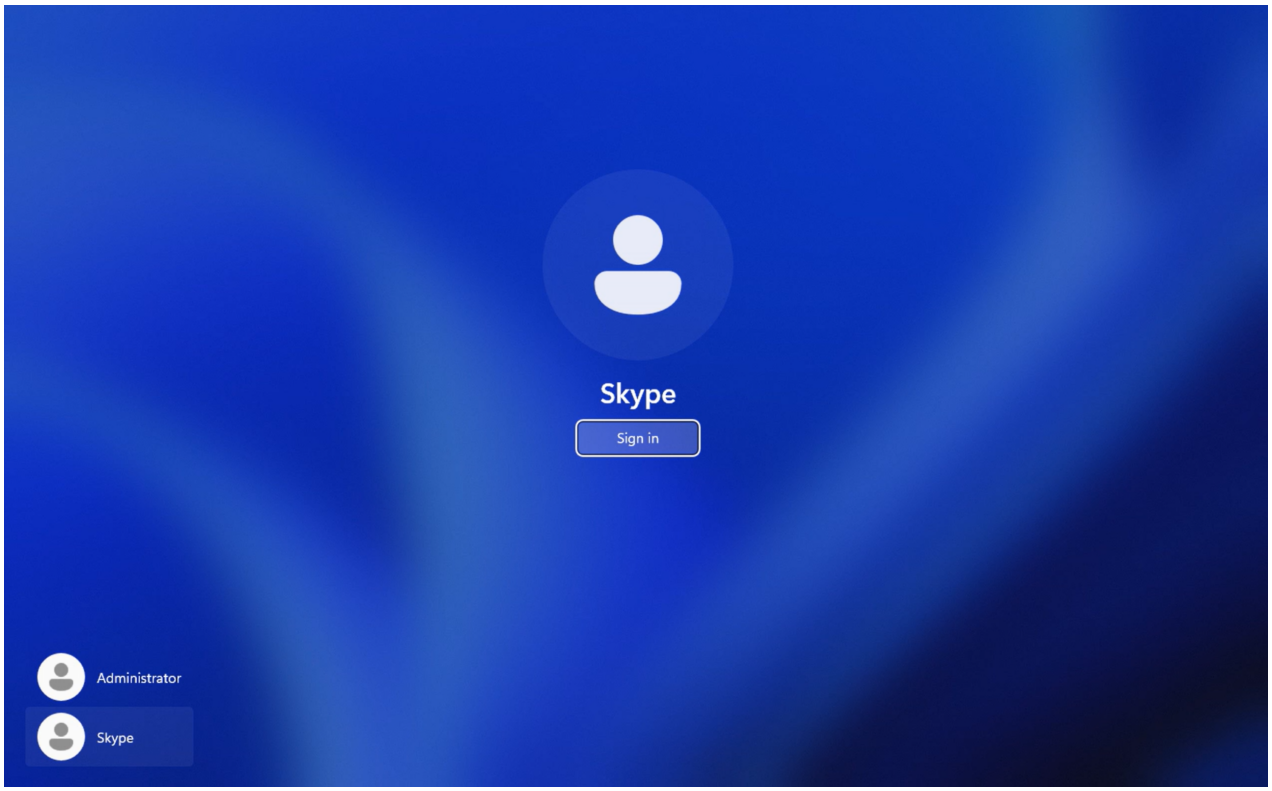
3. Enter the administrator password into **Password** text field.

4. Select **Windows Settings**. The Windows sign in screen is displayed.

Windows Settings



Windows Sign In



5. Select **Administrator**. Then, enter the password for the administrator account. The default password is **sfb**.

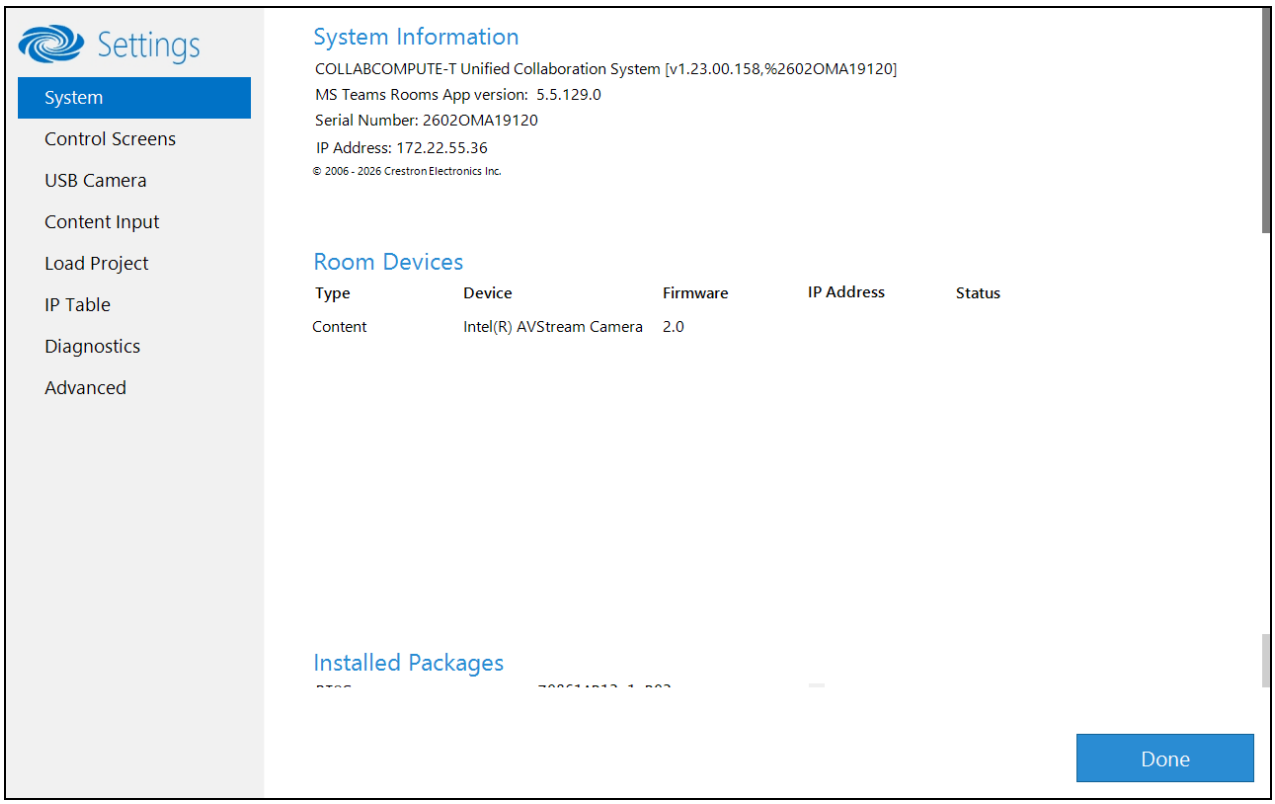
6. Select the **Crestron Settings** icon.

Crestron Settings



The Crestron Settings app opens with the **System** settings displayed.

Crestron Settings App



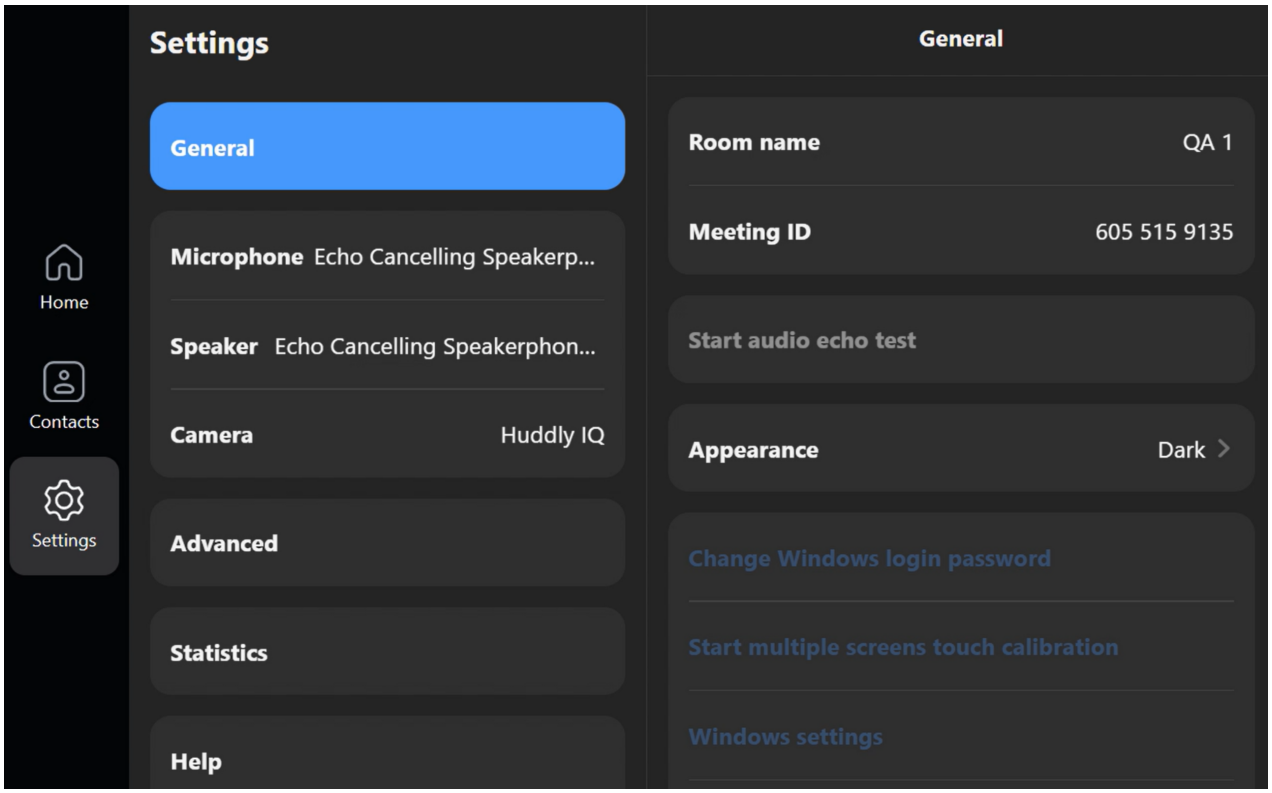
Access Crestron Settings (Zoom Rooms)

To open the Crestron Settings App on the CCC-110-Z and CCC-120-Z:

> **TIP**: If a keyboard is connected to the Collab Compute, press the **Ctrl** + **Alt** + **Del** keys on the keyboard to access the Windows® sign in screen. Then, proceed to step 3 of the following procedure.

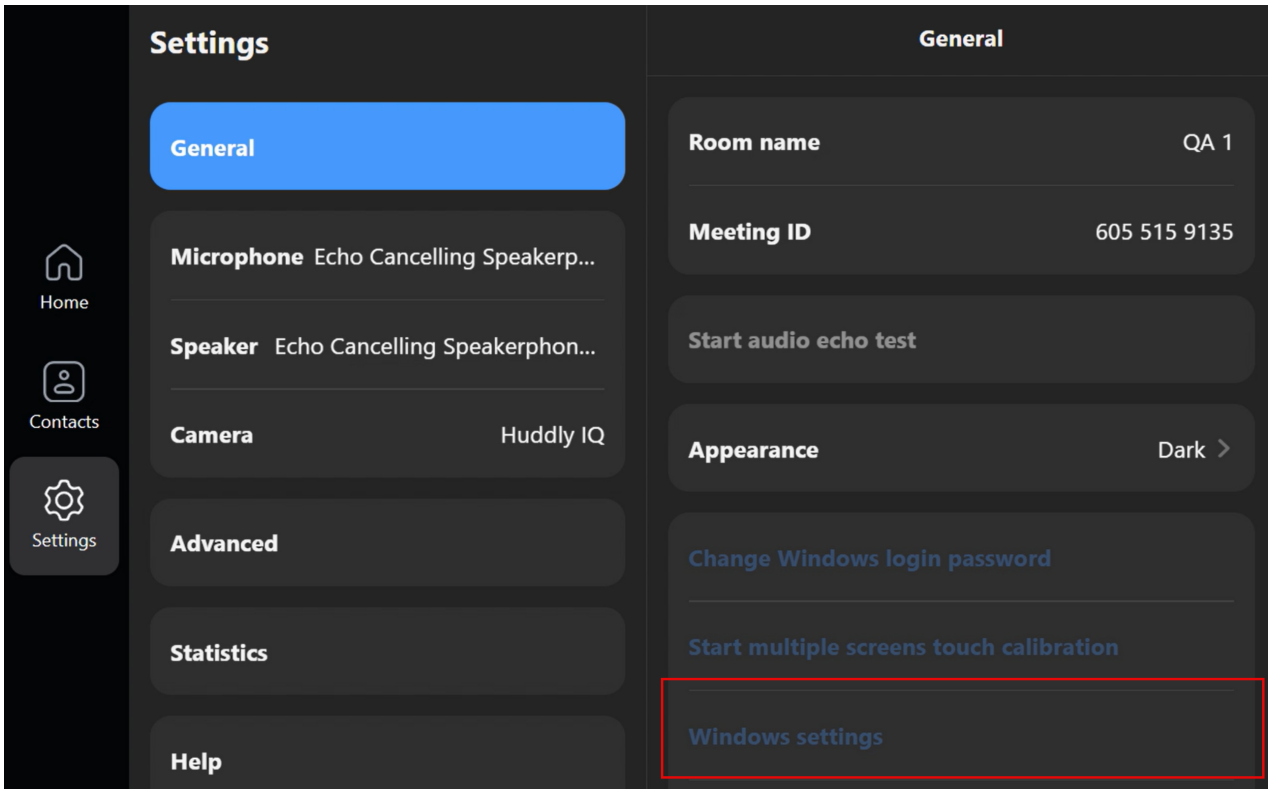
1. On the touch screen, select **Settings**.

   Zoom Settings

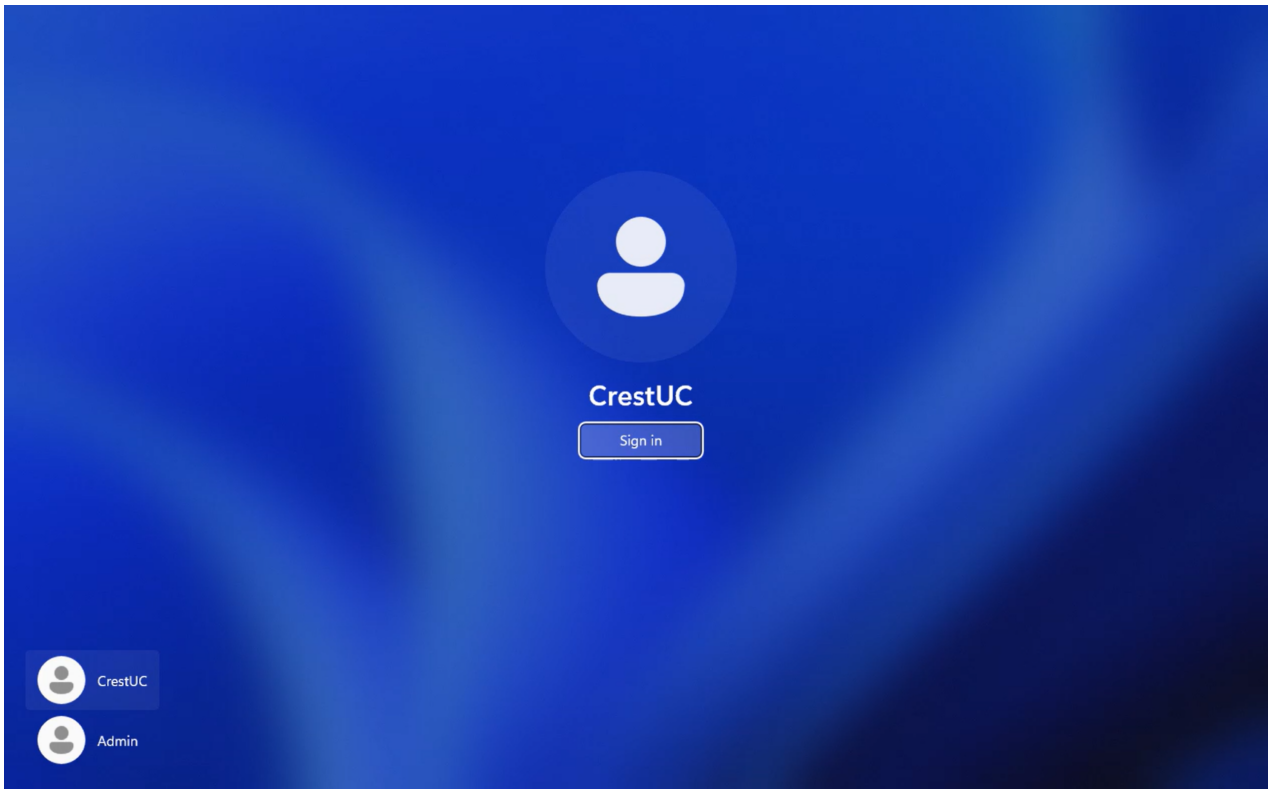


2. Select **Windows Settings**. The Windows sign in screen is displayed.

Windows Settings



Windows Sign In



3. Select **Administrator**. Then, enter the password for the administrator account. The default password is **crestron**.

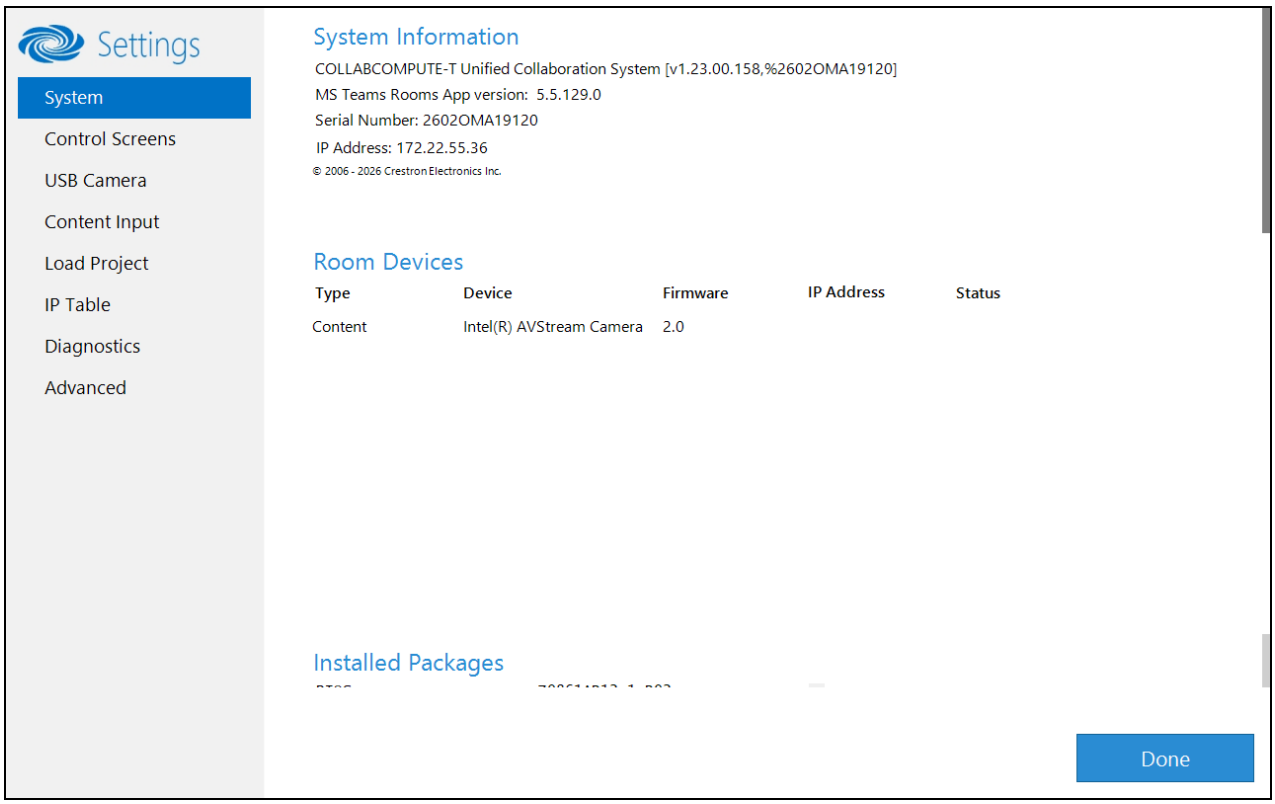
4. Select the **Crestron Settings** icon.

Crestron Settings



The Crestron Settings app opens with the **System** settings displayed.

Crestron Settings App



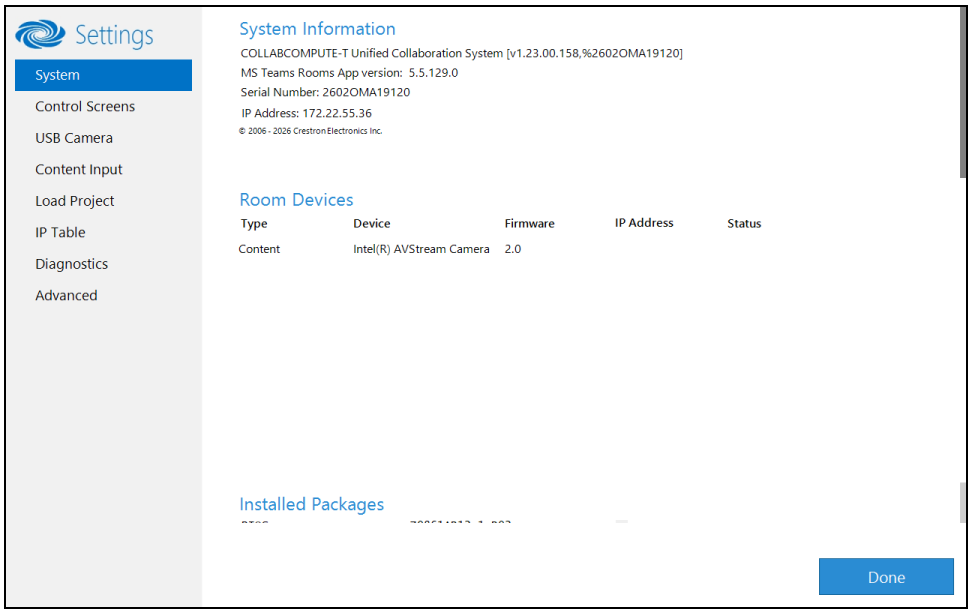
This section provides the following information:

- System on page 86
- Control Screens on page 87
- USB Camera on page 88
- Content Input on page 91
- Load Project on page 92
- IP Table on page 93
- Diagnostics on page 95
- Advanced on page 97

System

Use the **System** menu to view firmware versions of connected system devices and the firmware packages stored on the UC Engine.

System

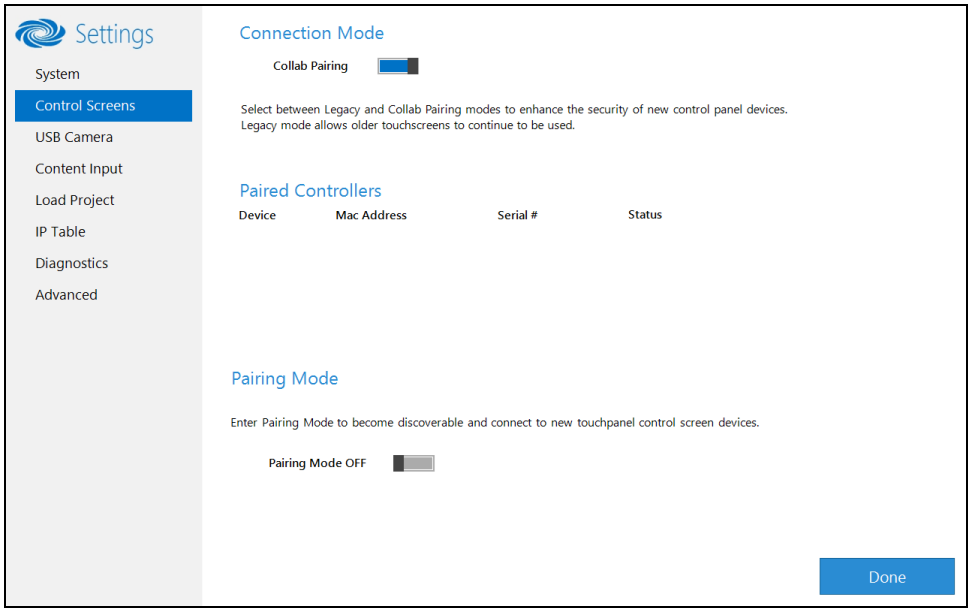


Control Screens

Select **Control Screens** to configure settings for paired room control device.

Use the **Control Screens** menu to manage connected touch screens, the connection method used to pair touch screens with the Collab Compute, and pairing mode settings.

Control Screens



Connection Mode

Turn on the **Collab Pairing** toggle to enable connections with TS(W)-1080-UC touch screens. Turn off **Collab Pairing** to enter **Legacy Mode** when using older touch screen devices such as the CCS-UC-1 and TS-1070 series touch screens.

Paired Controllers

The **Paired Controllers** menu displays all connected touch screen devices. Select the **Unpair** button next to a paired touch screen to disconnect the touch screen device.

Pairing Mode

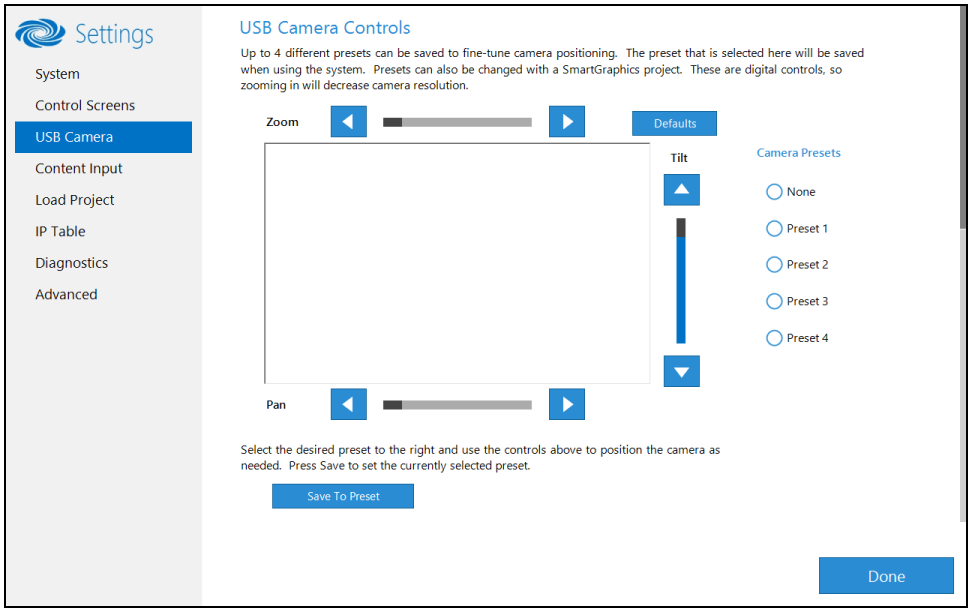
Select the **Pairing Mode** switch to enable the Collab Compute to be discoverable by TS (W)-1080-UC touch screens. After a TS(W)-1080-UC touch screen is connected to the Collab Compute, the **Pairing Mode** switch turns off. **Pairing Mode** must be enabled again to pair another TS (W)-1080-UC touch screen to the Collab Compute.

USB Camera

Select **USB Camera** to configure USB camera settings.

Use the **USB Camera** menu to adjust the zoom, tilt, and pan, recall preset settings, and store preset settings.

USB Camera



Adjust Tilt, Pan, or Zoom

The tilt, pan, and zoom on a connected camera can be remotely adjusted from the USB Camera screen.

> **NOTE:** Tilt, pan, and zoom settings may not work with all cameras.

To make an adjustment, select a preset and adjust as necessary.

- Select **Zoom I** or **H** to adjust the amount of zoom.
- Select **Pan I** or **H** to adjust the pan.
- Select **Tilt K** or **J** to adjust the camera tilt.
- Select **Defaults** to return the camera to its default settings.

Save a Preset

Tilt, pan, and zoom settings can be saved for recall later. To save a preset setting:

1. Select one of the four available Camera Presets locations on the right side of the display.
2. Adjust the tilt, pan, and zoom as described in Adjust Tilt, Pan, or Zoom on page 88.
3. Select **Save To Preset** to save the settings.

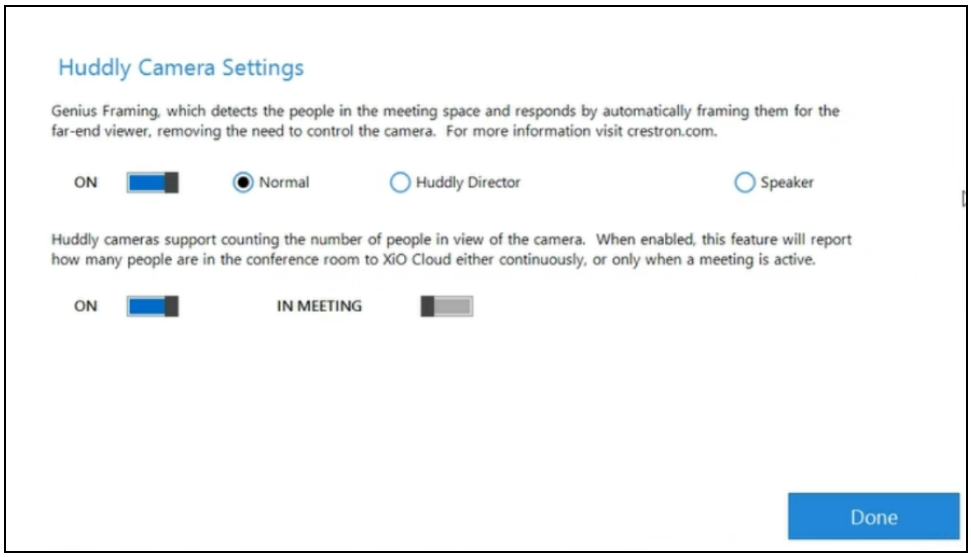
Recall a Preset

Select a preset on the right side of the screen to recall it.

Huddly Camera Settings

Additional settings are displayed when a Huddly® camera is connected to the Collab Compute. Set the **Huddly Camera Settings** to **On** to adjust the properties of the Huddly camera.

Huddly Camera Settings



Refer to the following information about the available settings:

> **NOTE**: Only one of these settings may be enabled at a time.

- **Normal**: The camera operates in Genius Framing mode. Genius Framing continuously frames all participants within the camera shot, adjusting the size depending on whether participants enter or leave the frame.
- **Huddly Director**: The camera operates in Director mode. For more information about Huddly Director, refer to Huddly's website.
- **Speaker**: The camera operates in Speaker Tracking mode. Speaker Tracking frames the active speaking participant within the room, switching camera shots when a different participant speaks.

People Counting Settings

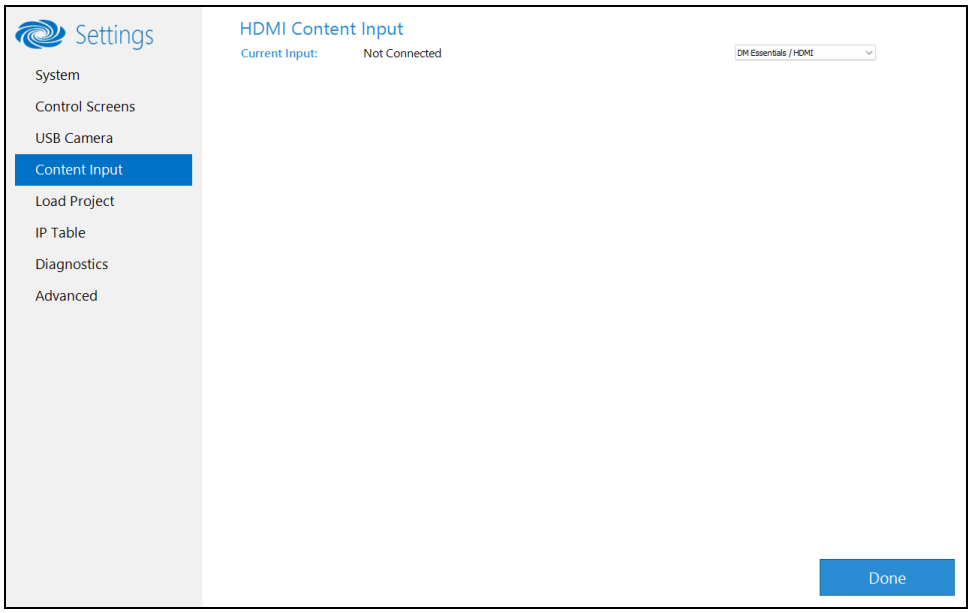
Huddly cameras support people counting within the room. Set people counting settings to **On** to have the Huddly camera report the number of people in the meeting space. Use the toggle to change the people counting setting to either of the following:

- **In Meeting**: The camera will only perform people counting when a meeting is active.
- **Continuous**: The camera will continuously perform people counting in the meeting space through XiO Cloud software. For more information about XiO Cloud, refer to the XiO Cloud Product Manual.

Content Input

Select **Content Input** to display information about the HDMI content input.

Content Input



The Collab Compute reports whether it detects content input from either the **DM** or the **HDMI CONTENT IN** ports.

Use the drop-down menu in the top right of the screen to select either of the following:

- **DM Essentials / HDMI**: The Collab Compute uses the **DM** and **HDMI CONTENT IN** ports for content ingest into the system.
- **CCC-BYOD KIT**: The Collab Compute uses the CCC-BYOD KIT for meetings. Selecting this option disables the **DM** and **HDMI CONTENT IN** ports of the device. For more information about using the CCC-BYOD KIT with the Crestron Collab Compute, refer to CCC-BYOD KIT Installation on page 62.

Load Project

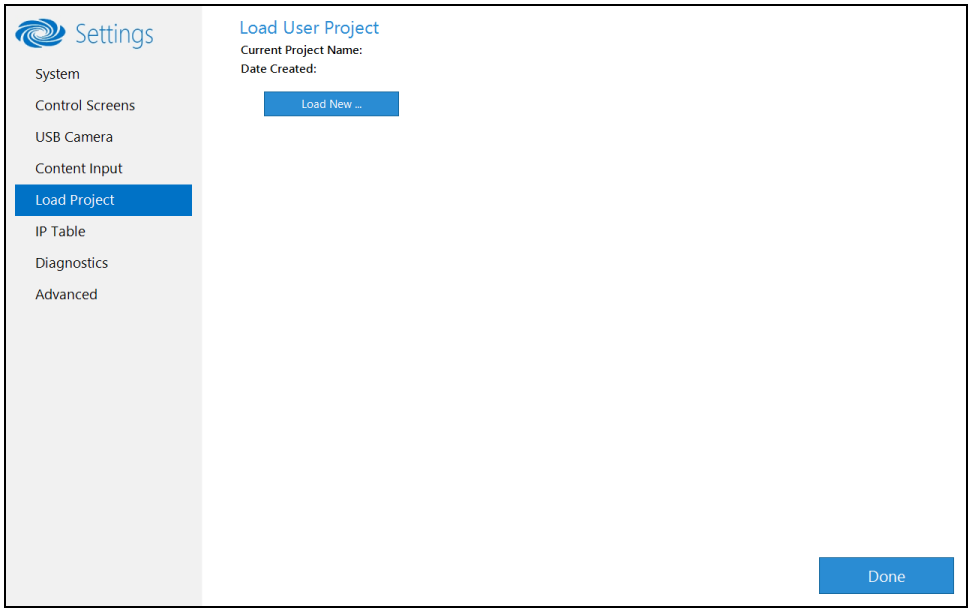
Crestron Collab Compute can use custom controls as part of a Crestron control system.

Select **Load Project** to load a user project to the Collab Compute.

Systems with a Crestron Mercury conference system or a touch screen can use a touch screen project with custom controls. Touch screen projects are loaded to the system from a connected USB drive.

> **NOTE:** A touch screen project can also be remotely uploaded to the system by tools such as Crestron Toolbox™ software or the XiO Cloud service. For more information, refer to the Crestron Toolbox help file and the XiO Cloud Service User Guide.

Load Project



To upload a touch screen project on a Microsoft Teams Rooms system:

1. Connect a USB drive containing the project to a USB port on the Collab Compute.
2. Select **Load New**.
3. Navigate to the location of the project file and select **Open**. The project loads to the system.

> **NOTE:** When loading a project for the first time, you can either restart the Collab Compute to load the project to the control device immediately or wait up to 20 minutes for the project to display on the control device.

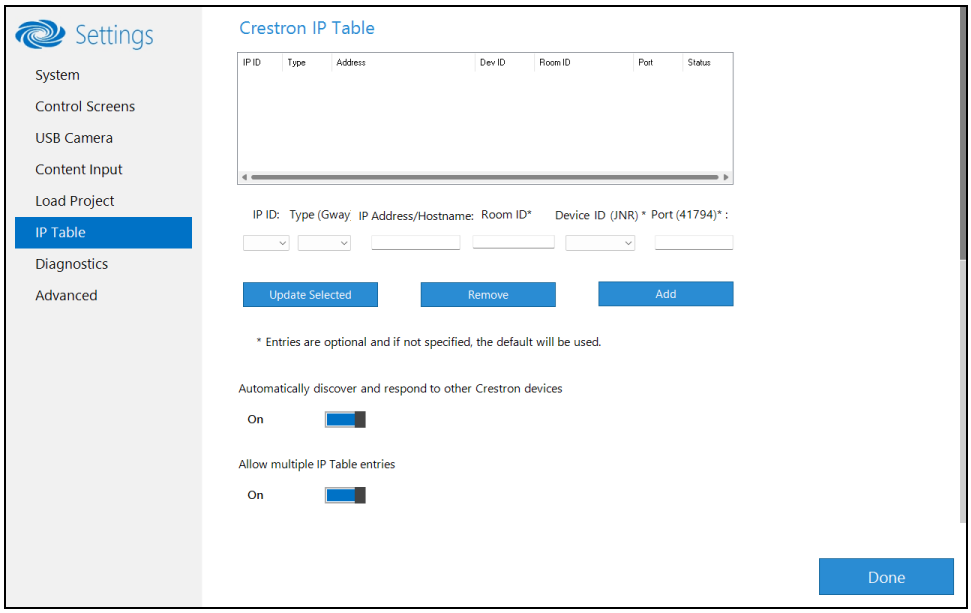
IP Table

Select **IP Table** to display Crestron IP table settings.

Configure the IP table to allow the Collab Compute to be used with a Crestron control system. An IP table is a lookup table used by Crestron Ethernet devices to map between IP IDs and IP addresses. Use the IP Table menu to enable and configure the system for communication with a Crestron control system.

> **NOTE:** A Collab Compute's IP table can also be configured by Crestron Toolbox™ software. For more information, refer to the Crestron Toolbox help file.

IP Table



IP Table Entries

Entries in an IP table identify the control system(s) that can control the Collab Compute. Entries can be added, updated, or removed.

To add an entry:

1. From the IP ID drop-down list, select the system's IP ID as specified in the control system's program.

   > **NOTE:** The IP ID must match the IP ID specified for the system in the control system's program.

2. Enter the IP address or hostname in the **IP Address/Hostname** field.

3. If using a port other than 41794 for communications with the control system, enter it in the **Port (41794)*** field.

   > **NOTE:** This field is optional. If left blank, the default port (41794) is used.

4. Select **Add**.

To modify an entry:

1. Select an entry in the IP table.
2. Select the new IP ID, address or hostname, and port.
3. Select **Update Selected**.

To remove an entry:

1. Select an entry in the IP table.
2. Select **Remove**.

Other IP Table Functions

Set **Automatically discover and respond to other Crestron devices** to **Off** to hide the system from being discovered by other devices during autodiscovery.

Multiple control systems listed on the IP table can be configured to control the system. Set the **Allow multiple IP Table entries** setting to **Off** to allow only one control system on the IP table.

Crestron SSL

The system can use SSL technology when connecting to a Crestron control system. To configure the system to use SSL for control system communications:

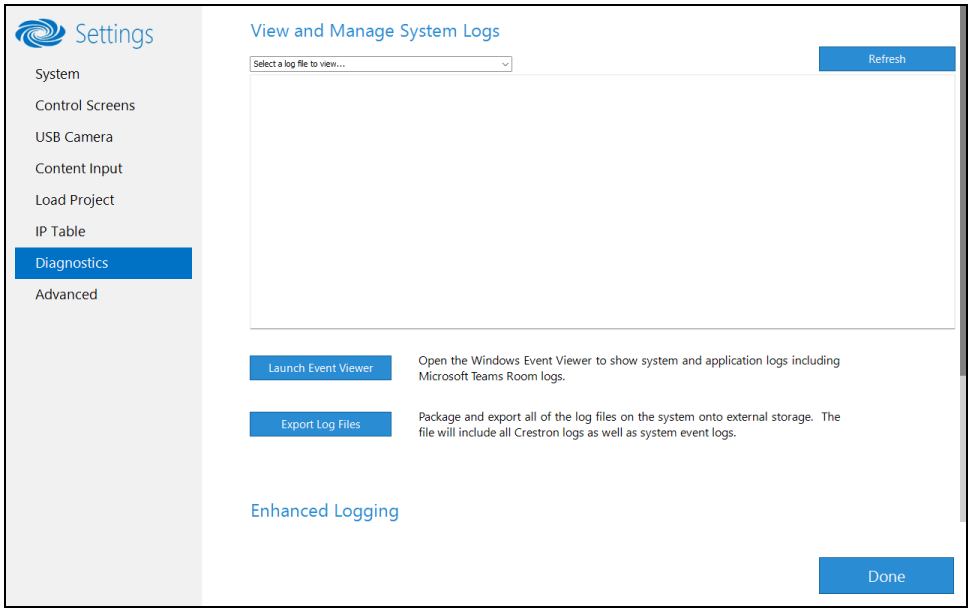
1. Set **Use SSL for control system connections** to **Enabled**.
2. If certificate authentication is used, set **Certificate Authentication** to **On**.
3. Enter the login credentials in the **Username** and **Password** fields.

Diagnostics

Select **Diagnostics** to display logging information for the Collab Compute.

Use the **Diagnostics** menu to view and manage system logs.

Diagnostics



View Logs

When troubleshooting, different logs can be viewed. First, select the desired log file from the **View and Manage System Logs** drop-down menu to view a specific log type. Then, select **Refresh** to view the latest log data.

Windows Event Viewer

Select **Launch Event Viewer** to open the Windows event viewer that shows system and application logs.

Export Log Files

Select **Export Log Files** to package and export all the log files (including all Crestron logs and system event logs) onto external storage.

Upload Log Files

Select **Upload Log Files** to package and upload all the log files to a Crestron server for delivery to Crestron True Blue Support.

> **NOTE:** Internet access is required to upload log files.

Enhanced Logging

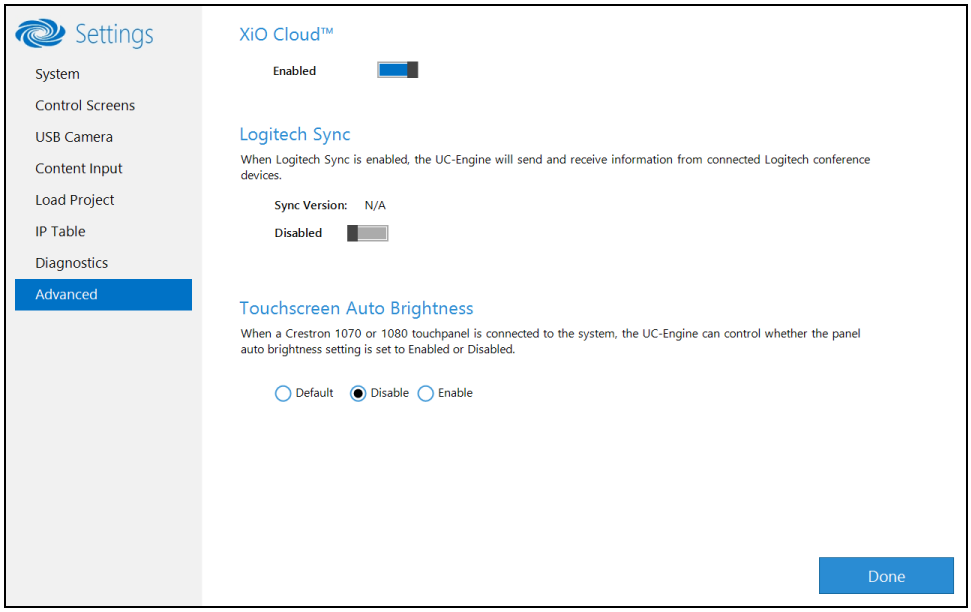
Enable the enhanced logging feature only if instructed by Crestron support for advanced troubleshooting. The enhanced logs are collected during the normal export process. Turn off enhanced logging when troubleshooting is finished.

Advanced

Select **Advanced** to display advanced settings for the Collab Compute.

Use the **Advanced** menu to enable XiO Cloud connections, Logitech® Sync, and the touch screen autobrightness.

Advanced



XiO Cloud

Turn on the **XiO Cloud** toggle to enable connections to XiO Cloud. This setting allows the device to be claimed by XiO Cloud. For more information about XiO Cloud, refer to the XiO Cloud Product Manual.

Logitech Sync

Turn on the **Logitech Sync** toggle to enable connections with Logitech conference devices. The current sync version of the Logitech device is displayed a connection is active.

Touchscreen Auto Brightness

Select one of the following options for Crestron TS(W)-1070 or TS(W)-1080-UC touch screen brightness settings:

- **Default**: Use the default brightness settings of the TS(W)-1070 or TS(W)-1080-UC touch screen.
- **Disable**: Disable the Collab Compute from adjusting the TS(W)-1070 or TS(W)-1080-UC touch screen's brightness settings.
- **Enable**: Allows the Collab Compute to adjust the brightness settings of the TS(W)-1070 or TS (W)-1080-UC touch screen. The brightness is dynamically adjusted depending on the parameters set by the meeting platform.

Resources

The following resources are provided for the CCC Series.

> **NOTE:** You may need to provide your Crestron.com web account credentials when prompted to access some of the following resources.

Crestron Support and Training

- Crestron True Blue Support
- Crestron Resource Library
- Crestron Online Help (OLH)
- Crestron Technical Institute (CTI) Portal

Programmer and Developer Resources

- help.crestron.com: Provides help files for Crestron programming tools such as SIMPL, SIMPL#, and Crestron Toolbox™ software
- developer.crestron.com: Provides developer documentation for Crestron APIs, SDKs, and other development tools

Product Certificates

To search for product certificates, refer to the Product Certificates section of the Crestron Resource Library.

Related Documentation

- Crestron Technical Documentation

Crestron Electronics, Inc.
15 Volvo Drive, Rockleigh, NJ 07647
Tel: 888.CRESTRON
Fax: 201.767.7656
www.crestron.com

Product Manual — Doc. 9583C
11/04/26
Specifications subject to
change without notice.