CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity



- *Deploy with Microsoft Teams® Rooms for Android® OS, Bring Your Own Meeting (BYOM) with AirMedia® wireless presentation, or both*
- *Powerful out-of-box functionality and custom programming support via an integrated 4-Series® control system*
- *HDMI and USB-C DIsplayPort® Alt Mode video inputs*
- *DM NVX® AV-over-IP support for video, audio, and USB routing*
- *Three HDMI video outputs*
- *Three discrete LAN interfaces*
- *USB 3.0 peripheral support, device control (via IR, COM, and CEC), and analog audio I/O*
- *Supports up to four simultaneous sources per display with AirMedia Canvas*
- *Built-in digital signage functionality via Appspace® software and other web-based providers*
- *Enterprise-grade security and content encryption*
- *XiO Cloud® service support for remote provisioning and management*
- *Built on Microsoft Device Ecosystem Platform (MDEP)*
- *Powered via PoE++ or the included power supply*
- *Provides PoE+ to an attached peripheral when the included power supply is used*

The CCE-4200 Collab Engine combines room control, wireless presentation, AV-over-IP distribution, flexible connectivity and conferencing in a single compact appliance. A built-in 4-Series® control system, support for DM NVX® AV-over-IP, Microsoft® Teams® Rooms software, USB-C® and HDMI® connectivity, AirMedia® wireless presentation, and XiO Cloud® service support simplify system design, deployment, and management while delivering a consistent collaboration experience.

Built-in 4-Series Control System

Crestron 4-Series control systems deliver a dynamic and secure control system platform capable of managing a room full of disparate technologies. Reliable networking and IP control afford seamless integration with other systems and devices, with add-on control capability using Crestron touch screens, wireless remotes, and mobile device apps, as well as remote management through the XiO Cloud® service.

Native Microsoft Teams Rooms Experience

The CCE-4200 brings the full Microsoft Teams® Rooms experience to any meeting space in an enterprise or small/medium business (SMB) facility.

AirMedia Wireless Presentation

With AirMedia® technology, users can wirelessly present content from laptops, smartphones, and tablet devices via built in Wi-Fi® network capabilities or via an external Wi-Fi wireless network.[1] Present content from desktop or laptop computers using downloadable client software, the AirMedia extension for the Google Chrome® web browser, or Miracast® screen mirroring technology (Windows® 10 and Windows 11 computers only). Present content from Android™ and iOS® mobile devices with the AirMedia app.

AirMedia Connect Adaptors (such as the AM-TX3-100 or AM-TX3-200, sold separately) can be connected to personal devices to instantly share content with the Collab Engine. Up to eight Connect devices can be paired to the Collab Engine.

For more information about AirMedia, visit www.crestron.com/airmedia.

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity

DM NVX AV-over-IP Support

DM NVX technology ensures real-time, full-motion 4K60 video performance for presenting multimedia, videoconferencing, and live camera images. Interactive functions such as using a mouse and keyboard are fluid and natural. Line-synchronized outputs ensure synchronization of content across multiple displays for applications such as digital signage and video walls. Variable Multicast Time-to-Live (TTL) support enables multicast traffic to traverse multiple routers.

A DM NVX system incorporates Pixel Perfect Processing technology, which provides flawless video transport over the network. Depending on the operating mode, the Collab Engine can encode or decode a video signal to achieve end-to-end latency of less than one frame. The image quality of the source is maintained across a 1 Gbps network at resolutions up to 4K60 4:4:4.[2,3]

A DM NVX system can be deployed on an existing corporate or campus network or on a dedicated network. For information about network requirements and guidelines, refer to the AV-over-IP Network Design Guide.

Local and Networked Input Switching

The CCE-4200 features one HDMI input and three USB-C ports:

- The HDMI input and the first USB-C port comprise **INPUT 1** on the front panel. Either the HDMI connection or the USB-C DisplayPort Alt Mode connection is used for A/V input.[4] The USB-C connection also serves as a USB 3.0 host connection for a computer.[5]
- The second USB-C port is **INPUT 2** on the front panel. This connection serves as a USB 3.0 host connection and DisplayPort Alt Mode A/V input.
- The third USB-C port is only for USB Audio Class 2 (UAC2) devices.

Signal from either A/V input or from a networked DM NVX AV-over-IP stream can be routed to the HDMI outputs. USB devices connected to the USB 3 **TO DEVICE** ports or from networked DM NUX USB-over-Ethernet endpoints can be routed to the connected USB-C hosts.

Local USB 3.0 Support and USB 2.0 Extension

The Collab Engine supports USB signal switching between connected hosts as well as DM NUX USB-over-Ethernet signal extension. USB 3.0 **TO HOST** and **TO DEVICE** ports are provided on the Collab Engine, allowing a USB mouse, keyboard, or other peripheral to be connected locally and routed to the active local host device. When paired with DM NUX remote endpoints, USB 2.0 signals can be extended over the network to connect a local host to USB peripherals that are too far from the Collab Engine to enable a direct connection.

USB 2.0 data transport can be configured for Layer 2 or Layer 3. Layer 2 supports USB signal extension in point-to-point and multipoint applications. USB signals can be routed from the **TO DEVICE** ports of up to seven remote DM NVX endpoints to the **TO HOST** ports of the Collab Engine. Layer 2 also supports DM NUX USB-over-Ethernet remote devices (DM-NUX-R2, sold separately), which can be used in locations that do not include DM NVX endpoints. USB signals can be routed between devices via custom programming.[5]

USB 2.0 Layer 3 data transport supports USB signal extension from DM NVX endpoints across VLANs.

> **NOTE:** The Collab Engine cannot route locally connected USB peripherals to other remote hosts; it only receives connections from remote peripherals.

Digital Signage Functionality

Integrate the Appspace® digital signage application or other web-based signage providers with the CCE-4200. The Collab Engine can display digital signage content when no users are presenting or when the room is not occupied.

Flexible Network Connectivity

The Collab Engine includes three Ethernet ports. Network traffic types can be shared across all ports or isolated to specific ports to segment device functions to discrete networks. Port 1 is a PoE++ Type 4 Class 8 PD (powered device) port. PoE++ or the included power supply can be used to power the Collab Engine. Port 2 is a PoE+ Type 2 Class 4 PSE (power-sourcing equipment) port that supplies up to 30 W of power to a connected touch screen.

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity

Device Control

The Collab Engine includes built-in COM (RS-232) and IR ports for control of a connected display, camera, or other device via custom programming. Additional control capability is provided by Consumer Electronics Control (CEC) over the HDMI connection, potentially eliminating the need for dedicated serial cables or IR emitters.

A display device can also be turned on or off automatically using the COM port or the HDMI output (over CEC) without requiring custom programming.

SCEP Certificate Management

The Collab Engine supports Simple Certificate Enrollment Protocol (SCEP) and Enrollment over Secure Transport (EST) to automate certificate enrollment, issuance, and renewal across enterprises. SCEP provides fast and standardized certificate authentication with simple renewal capabilities and can be managed through the console, web interface, or the XiO Cloud serivce.

Enterprise-Grade Security

The CCE-4200 is an enterprise-class control processor that can be deployed across hundreds of spaces and set up easily using a web browser, Crestron Toolbox™ software, or XiO Cloud. It employs standard network security protocols, including 802.1X network access control, Active Directory® service authentication, SSH, TLS, and HTTPS to ensure reliability and compliance with your organization's IT policies.

The Collab Engine is configured to meet Crestron's enhanced security standards right out of the box. The CCE-4200 ships with authentication enabled and requires that an administrator account be created before access is granted to device configuration and control interfaces.

XiO Cloud Service Support

The CCE-4200 is compatible with the XiO Cloud service, which is an IoT (Internet of Things) based platform for remotely provisioning, monitoring, and managing Crestron devices across an enterprise or an entire client base. XiO Cloud is built on the Microsoft Azure® software platform and utilizes Microsoft's industry leading Azure IoT Hub technology. XiO Cloud enables installers and IT managers to deploy and manage thousands of devices simultaneously. Unlike other virtual machine based cloud solutions, Azure services provide unlimited scalability to suit the ever growing needs of an enterprise. For more information, visit www.crestron.com/xiocloud.

Low-Profile Installation

The CCE-4200 mounts to a flat surface and fits behind a flat panel display, above a ceiling-mounted projector, beneath a tabletop, or inside a lectern, AV cart, or equipment cabinet. An optional cable management kit (CCEA-CMK-4100/4200, sold separately) is available to secure connected cables at the front and rear of the device, ensure proper cable bend radii, and provide an organized appearance.

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity

Specifications

Communications

Ethernet	100/1000 Mbps, autoswitching, autonegotiating, autodiscovery, full/half duplex, TCP/IP, UDP/IP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), IEEE 802.1x, Active Directory® authentication, HTTPS for web browser setup and XiO Cloud® service, 802.3af compliant
Wi-Fi	Dual-band 802.11a/b/g/n/ac/ax (2.4 GHz & 5 GHz); Up to 70 ft (23 m) range at 80 Mbps, subject to site specific conditions
Bluetooth® Communications	Bluetooth version 5.0
AirMedia® Presentation	Via Ethernet: IPv4, mDNS, TLS, AES[2]; Via wireless access point: IEEE 802.11/b/g/n/ac/ax, 2.4 GHz or 5 GHz[1]
USB (To Device)	USB 3.0 for USB peripherals[5]
USB-C® (DisplayPort™ Alt Mode)[4]	HDCP 2.3, EDID, USB 3.0 for host computer connection
UAC	USB Audio Class 2.0
HDMI Input	HDCP 2.3, EDID, CEC; Supports management of HDCP and EDID
HDMI Output	HDCP 2.3, EDID, CEC; Supports management of HDCP and EDID

AirMedia Software[1]

OS Support	Apple® iOS®, Android™, Windows® 10, Windows 11, macOS®, Chrome OS™
Video Frame Rate	Up to 30 fps
Output Resolutions	640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x720@50Hz (720p50), 1280x720@60Hz (720p60), 1280x800@60Hz, 1366x768@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1080@50Hz (1080p50), 1920x1080@60Hz (1080p60)

NOTE: All video inputs will be scaled to the selected HDMI output resolution.

Bitrate Peak	0.25 to 8.5 Mbps, variable depending on content complexity
Bitrate Average	1.4 Mbps typical

NOTES:

- The bitrate for Apple native mirroring may deviate from the above depending on the OS version and content.
- The AirMedia extension for the Google Chrome® browser relies on web technologies for screen sharing that are built-in to the web browser. Performance variations with motion video (quality and frame rate) may occur based upon the encoding capabilities of the Chrome OS device and the nature of the content being displayed (such as high-motion video)

Audio Format	Stereo

Wireless Conferencing

OS Support (via AirMedia Application)	Windows 10, Windows 11
OS Support (via AirMedia Connect Adaptor, sold separately)	Windows 10, Windows 11, macOS11 or later

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity

Supported Conferencing Services	Microsoft Teams® software
Supported Conferencing Peripherals	For a list of supported conferencing peripherals, refer to Knowledge Article 1001764

Video

Input Signal Types	DM NVX® AV-over-IP, USB-C®, HDMI, AirMedia; Simultaneous display of up to four sources with AirMedia Canvas
Maximum Input Resolutions	AirMedia presentation: 1920x1080@30 Hz (1080p30); AirMedia Connect Adaptor (sold separately): 3840x2160@30 Hz (4K30)
	NOTE: All video inputs will be scaled to the selected HDMI output resolution.
Output Signal Types	HDMI (DVI compatible[6]), DM NVX AV-over-IP
HDMI Output Resolutions	1920x1080@60 Hz (1080p60), 3840x2160@30 Hz, 3840x2160@60 Hz
	NOTE: All video inputs will be scaled to the selected HDMI output resolution.
Background & Logo Supported File Types	JPEG, PNG

AV-over-IP Encoding/Decoding

Video Codec[7]	Encoder: Pixel Perfect Processing (default) or DM-NVX-D10/D20, H.264 AV-over-IP streaming; Decoder: Pixel Perfect Processing or DM-NVX-D10/D20
Video Resolutions	Up to 4096x2160@60Hz (DCI 4K60); 4:4:4 color sampling; HDR10, HDR10+, Dolby Vision®, and Deep Color support
Audio Formats	Primary multichannel (up to 8-channel LPCM or encoded HBR 7.1 surround sound), secondary 2-channel LPCM
Bit Rates	Encoder: Fixed (200 to 950 Mbps - user specified); Adaptive (dependent on input resolution of the stream); Variable (less than 150 Mbps to maximum of 750 Mbps, dependent on content and input resolution of the stream);[3] Decoder: Based on the stream received from the encoder
Streaming Protocols	RTP, SDP
Container	MPEG-2 transport stream (.ts)
Session Initiation	Multicast via secure RTSP
Copy Protection	HDCP 2.3, AES-128, PKI

Audio

Input Signal Types	AirMedia, HDMI, USB-C, AES67 (including DM NAX® Audio-over-IP or DM NVX secondary audio stream), UAC 2.0
Output Signal Types	HDMI, stereo 2-channel analog
Input/Output Format (Digital)	2-channel LPCM
Digital Formats	Dolby Digital®, Dolby Digital EX, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS®, DTS ES, DTS 96/24, DTS HD® High Res, DTS HD Master Audio, DTS:X®, LPCM up to 8 channels, DM NAX audio-over-IP (AES67)
Analog Formats	Stereo 2-channel

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity

Analog-to-Digital Conversion	24-bit, 48 kHz
Digital-to-Analog Conversion	24-bit, 48 kHz
AES67	24-bit, 48 kHz

Connectors

microSD®	For caching digital signage content
HDMI INPUT	(1) HDMI Type A connector, female; HDMI digital video/audio input; DVI and Dual-Mode DisplayPort interface compatible[6]
HDMI OUTPUT 1-3	(3) HDMI Type A connectors, female; HDMI digital video/audio output; DVI compatible[6]
USB Connectors	(1) USB Type-C® connector, female; Digital video/audio input using DisplayPort Alt Mode; USB 3.0 Host port; (1) USB Type-C® connector, female; Digital video/audio input using DisplayPort Alt Mode; USB 3.0 Host port; (1) USB Type-C® connector, female; USB Audio Class (UAC) 2.0; (2) USB Type A connectors; USB 3.0 host ports for USB conferencing peripheral; USB 3.0 device port for host computer connection
1 PoE++ (LAN)	(1) 8-pin RJ-45 connector; 100BASE-TX/1000BASE-T Ethernet port; PoE++ PD (powered device) port, IEEE 802.3bt Type 4 PoE++ Class 8 (71.3 W) compliant
2 PoE+ (LAN)	(1) 8-pin RJ-45 connector; 100BASE-TX/1000BASE-T Ethernet port; PoE+ PSE (power-sourcing equipment) port, IEEE 802.3at Type 2 PoE+ Class 4, supplies 30 W MAX

> **NOTE:** The included power pack must be connected for this port to supply PoE+.

3 (LAN)	(1) 8-pin RJ-45 connector; 100BASE-TX/1000BASE-T Ethernet port
COM	(1) 5-pin 3.5 mm detachable terminal block; Bidirectional RS-232 port; Supports RS-232 up to 115.2k baud with hardware and software handshaking
IR	(1) 2-pin 3.5 mm detachable terminal block; IR output control port; Supports IR up to 60 kHz; IRP2 emitter sold separately
AUDIO	(1) 3-pin 3.5 mm detachable terminal block; Unbalanced stereo line-level audio output; Maximum Output Level: 2Vrms; Output Impedance: 100 Ω
24VDC 5.5A	(1) 2.1 x 5.5 mm DC power connector; 24VDC power input; PW-2475GDU power pack included

Controls and Indicators

Display	(1) 2 in. x 0.42 in. (51 mm x 11 mm) LCD display for setup and status readout
PWR	(1) Tricolor red/amber/green LED, indicates that power is being applied to the device; Red indicates that the supplied PoE power level is insufficient; Amber indicates that the device is booting; Green indicates that the device is operational

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity

RESET	(1) Recessed push button for hardware reset
UP/DOWN	(2) Push buttons for front panel menu navigation
MENU	(1) Push button, opens front panel menu
ENTER	(1) Push button for selecting front panel menu items
HDMI OUT 1-3	(3) Green LEDs, indicate a display is connected to the HDMI output
HDMI IN 1	(1) Bicolor amber/green LED; Amber indicates HDMI signal presence at the input, but is not routed to an output; Green indicates HDMI signal presence and the input is routed to an output
USB-C IN 1, 2	(2) Bicolor amber/green LEDs; Amber indicates a DisplayPort Alt-Mode signal presence at the input, but is not routed to an output; Green indicates DisplayPort Alt-Mode signal presence and the input is routed to an output
USB-C IN 3	(1) Bicolor amber/green LEDs; Amber indicates a USB host is connected, but is not the active host; Green indicates the connected USB host is the active host
Ethernet 1-3	(2) LEDs per port; Green indicates Ethernet link status; Amber indicates Ethernet activity

Power

PoE++	IEEE 802.3bt Type 4 Class 8 (71.3 W) compliant; Compatible with PoE++ compliant Ethernet switch or third-party IEEE 802.3bt compliant PSE
Power Pack	Input: 100-240VAC, 50/60 Hz; Output: 6.0A @ 24VDC; Model: PW-2475GDU
Power Consumption	PoE++ @ 77° F (25° C): 57 W; Power supply @ 77° F (25° C): 81 W

Environmental

Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% RH (noncondensing)
Heat Dissipation	PoE++ @ 77° F (25° C): 194.5 BTU/hr; Power supply @ 77° F (25° C): 276.4 BTU/hr

Construction

Mounting	Freestanding or surface mount using the included hardware or the optional CCEA-CMK-4100/4200 mounting bracket and cable management kit (sold separately)

Dimensions

Height	1.25 in. (32 mm)
Width	8.36 in. (213 mm)
Depth	11.88 in. (302 mm)

Weight

4.40 lb (2.00 kg)

Compliance

Regulatory Model: M202317001

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

Models

CCE-4200
Collab Engine 4200 with Wi-Fi® Network Connectivity

CCE-4200-CHN
Collab Engine 4200 with Wi-Fi® Network Connectivity, China

CCE-4200-I
Collab Engine 4200 with Wi-Fi® Network Connectivity, International

Available Accessories

For a list of available accessories, visit the CCE-4200 product page.

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity

Notes:

1. AirMedia® wireless presentation requires use of the internal wireless access point or a wired network connection between the CCE-4200 and an external Wi-Fi® wireless access point (not included). Computers may alternately connect to AirMedia using a wired Ethernet connection. Full-motion video performance is dependent upon the performance of the network and the sending device. Computer client software and mobile device apps are available for download here.
2. The minimum cable required for DM NVX over 1000BASE-T Ethernet (copper) is unshielded CAT5e. All Ethernet ports on the Collab Engine are for connection to an Ethernet network or device. The Ethernet ports cannot be connected to the DM® ports of other Crestron DigitalMedia™ devices.
3. The minimum bit rate for 4K60 video is 350 Mbps. A bit rate below 350 Mbps may display a black screen.
4. USB-C® connections require USB-C cables that support DisplayPort™ Alt Mode video in order to pass video signal. Not all USB-C cables can support DisplayPort Alt Mode video.
5. Crestron products are engineered to deliver maximum compatibility with the widest possible range of USB products. Crestron does not guarantee that all USB products are compatible with the Collab Engine. Consult the DM NVX AV-over-IP System Design Guide for USB-over-Ethernet bandwidth considerations.
6. The HDMI® input and outputs are compatible with DVI signals when paired with an appropriate adapter or interface cable.
7. In encoder mode, the stream type of the Collab Engine must be set by using the web interface or a control system. The default setting is Pixel Perfect Processing for interoperability with DM NVX® 4K60 4:4:4 decoders. For interoperability with a DM-NVX-D10, DM-NVX-D20, or DM-NVX-D200 decoder, the stream type of the Collab Engine must be set to DM-NVX-D10/D20/D200 Series. In addition, the resolution of the encoder must be set so that it does not exceed the maximum resolution of the DM-NVX-D10, DM-NVX-D20, or DM-NVX-D200 decoder.

   In decoder mode, the proper stream type of the Collab Engine is automatically set. For interoperability with DM NVX 4K60 4:4:4 encoders, Pixel Perfect Processing is automatically used as the stream type of the Collab Engine. For interoperability with DM-NVX-E10/E20 Series encoders, DM-NVX-D10/D20 Series is automatically used as the stream type of the Collab Engine.

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

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

This product is licensed under the Crestron Software End-User License Agreement, available at www.crestron.com/Legal/software-license-agreement/Crestron-Software-End-User-License-Agreement.

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

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

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

Certain Crestron products collect information that may include personal data. For further details regarding those Crestron products that collect, process, and transmit information directly to Crestron via the internet, refer to the Crestron Privacy Statement Regarding Internet Data Collection, located at www.crestron.com/legal-data-collection-privacy.

Crestron, the Crestron logo, 3-Series 4-Series, AirMedia, Crestron Toolbox, DM NAX, and XiO Cloud are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Appspace is either a trademark or registered trademark of Appspace Inc. in the United States and/or other countries. AirPlay, Apple, and macOS are either trademarks or registered trademarks of Apple, Inc. in the United States and/or other countries. IOS is either a trademark or registered trademark of Cisco Systems, Inc. in the United States and/or other countries. Dolby, Dolby Digital, and Dolby Vision are either trademarks or registered trademarks of Dolby Laboratories Licensing Corporation in the United States and/or other countries. DTS, DTS HD, and DTS:X are either trademarks or registered trademarks of DTS, Inc. in the United States and/or other countries. Android, Chrome, and Google Calendar are either trademarks or registered trademarks of Google Inc. in the United States and/or other countries. HDMI and the HDMI logo are either trademarks or registered trademarks of HDMI Licensing LLC in the United States and/or other countries. Active Directory, Microsoft, Microsoft Azure, Microsoft Teams, and Windows are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. microSD is either a trademark or registered trademark of SD-3C, LLC in the United States and/or other countries. USB-C and USB Type-C are either trademarks or registered trademarks of USB Implementers Forum, Inc. in the United States and/or other countries. DisplayPort is either a trademark or registered trademark of Video Electronics Standards Association in the United States and/or other countries. Miracast and Wi-Fi are either trademarks or registered trademarks of Wi-Fi Alliance in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography.

HDMI

Specifications are subject to change without notice.

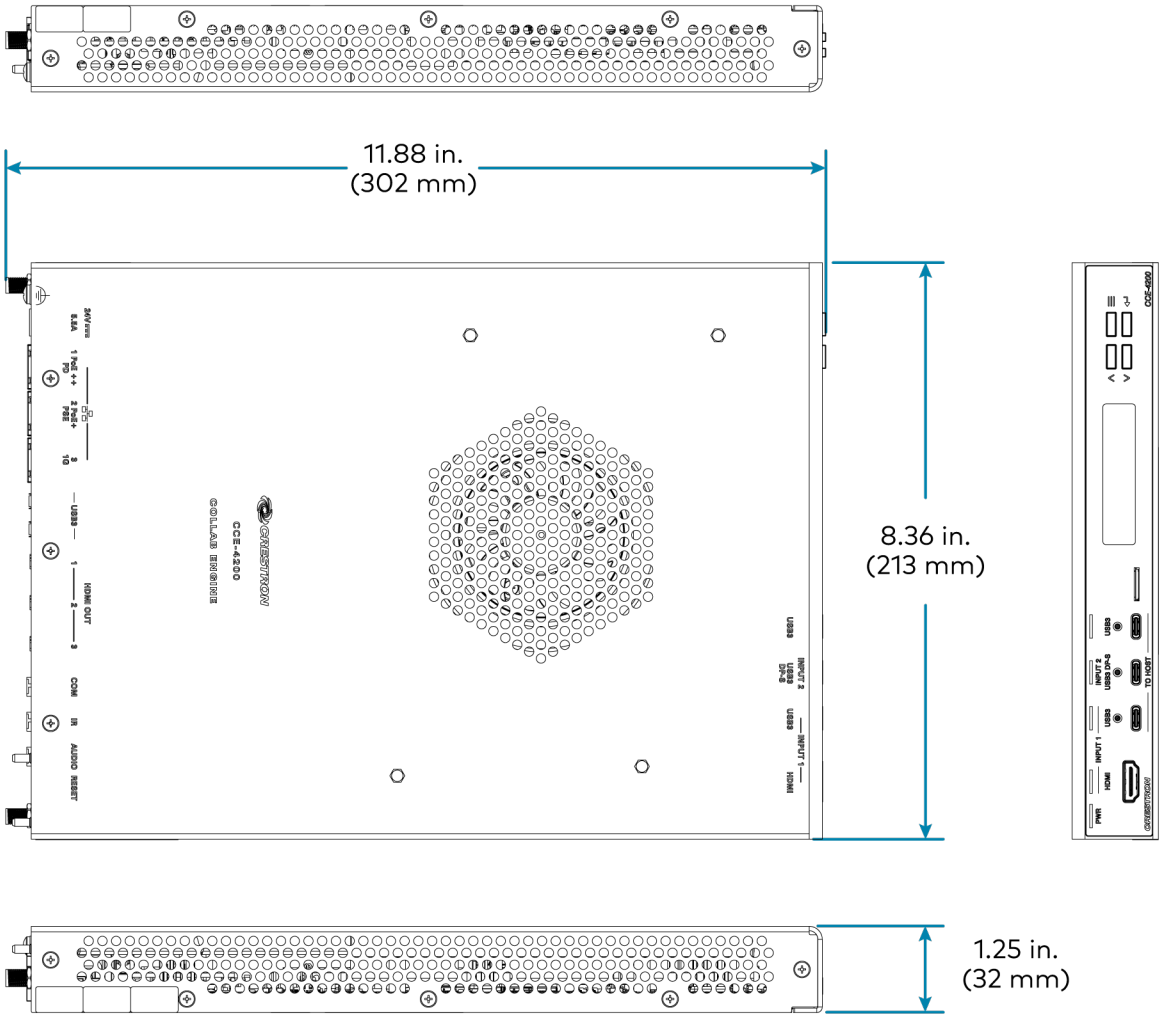
©2026 Crestron Electronics, Inc.

Rev 10/28/26

Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041

CCE-4200

Collab Engine 4200 with Wi-Fi® Network Connectivity



Crestron Electronics Inc.
15 Volvo Drive | Rockleigh, NJ 07647
www.crestron.com | 800.237.2041