CCS-CX5100

360° HD Camera, Microphone, & Speaker for Crestron RL™

> 360° degree HD camera, microphone, and speaker for Crestron RL™

> Provides a panoramic view of the entire room for far end participants

> Active speaker view tracks the conversation and focuses on whoever is speaking

> Integrated microphones provide enhanced voice pickup of every participant in the room

> Built-in speaker provides full coverage and clear sound quality

> Polycom® HD Voice™ technology achieves wideband, full-duplex performance

> USB 3.0 interface enables highest quality, high-definition video and audio

The Polycom® CX5100 Unified Conference Station offers a 360 degree camera, microphone, and speaker, which can be used with the Crestron RL™ Group Collaboration System for Lync® to deliver an enhanced panoramic view of the entire room. It is available for purchase from Crestron® authorized dealers as the CCS-CX5100 360° HD Camera, Microphone, & Speaker for Crestron RL.

Panoramic and Active Speaker Views

As part of a complete Crestron RL system, the CCS-CX5100 provides a 360 degree panoramic view of the entire room to deliver a unique "around-the-table" experience for far end participants. A second HD view shows the active speaker in 1080p resolution using advanced technology that focuses on the person currently speaking. The CCS-CX5100 automatically tracks the flow of the conversation, enabling rich, interactive communication with fully hands-free operation.

Enhanced Voice Performance

In addition to video, the CCS-CX5100 enables enhanced audio pickup of every participant in the room, with a 360 degree microphone range of 20 feet (6 meters). Its built-in speaker delivers loud and clear coverage of the room from its centralized location on the table. Polycom HD Voice™ technology achieves exceptional voice quality with a wide frequency response from 160 Hz to 22 kHz.

Simple Installation

The CCS-CX5100 is composed of two components — the table console and a power data box. The table console is designed to be placed at the center of the conference room table, while the power data box can be installed beneath the table. A USB 3.0 connection is provided on the power data box for connection to the Crestron RL system. Extension of the USB cable requires a Crestron approved USB 3.0 compatible USB extender[1]. The CCS-CX5100 is intended to be used in place of the standard HD camera and sound bar that come with the Crestron RL system.

SPECIFICATIONS

All specifications are based on use with a Crestron RL™ system

Video

Resolutions, Panoramic: 1056x144, 1280x192, 1920x288
Resolutions, Active Speaker: 352x288, 640x480, 1280x720, 1920x1080
Maximum Frame Rate: 25 fps with 50Hz power, 30 fps with 60Hz power

Audio – Microphones

Features: 3 microphone array, full duplex (Class 1) with noise suppression, compatible with Polycom® extension microphone kit (contact Polycom for additional details and purchase)
Pickup Pattern: Omnidirectional
Pickup Range: 20 ft (6 m)
Frequency Response: 160 Hz to 22 kHz

Audio – Speaker

Frequency Response: 160 Hz to 22 kHz
Maximum SPL: 88 dBA SPL (peak) at 0.5 meters

Communications

USB: USB 3.0 for interfacing to Crestron RL; USB 3.0 or 2.0 for configuration and software updates via a computer or thumb drive
Ethernet: For configuration and software updates via a LAN

Power Requirements

Main Power: 1.0 Amp @ 100-240 Volts AC, 50/60 Hz
Power Consumption: 110 Watts typical

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 15% to 85% RH (non-condensing)
Heat Dissipation: 376 BTU/hr
Recommended Room Conditions: RT60: <0.6 seconds;
Ambient Noise Level: <50 dBA SPL;
Lighting: 300 lux with a single lighting temperature (no mixed lighting)

Construction

Composition: (1) table console containing camera, microphones, and speaker, and (1) power data box with stand
Security Features: Kensington® security slot provided on each component
Included Cables: (1) proprietary system cable, (1) USB 3.0 Type A to Type A, (1) USB 3.0 Type A to Type B, Ethernet LAN, AC power cord with local plug

Dimensions

Table Console: Height: 13.70 in (348 mm) with privacy cap closed;
15.79 in (401 mm) with privacy cap extended;
Width: 14.53 in (369 mm);
Depth: 12.80 in (325 mm)
Power Data Box: Height: 11.82 in (300 mm);
Width: 8.25 in (210 mm);
Depth: 2.21 in (56 mm) excluding stand

Weight

Table Console: 5.1 lb (2.3 kg)
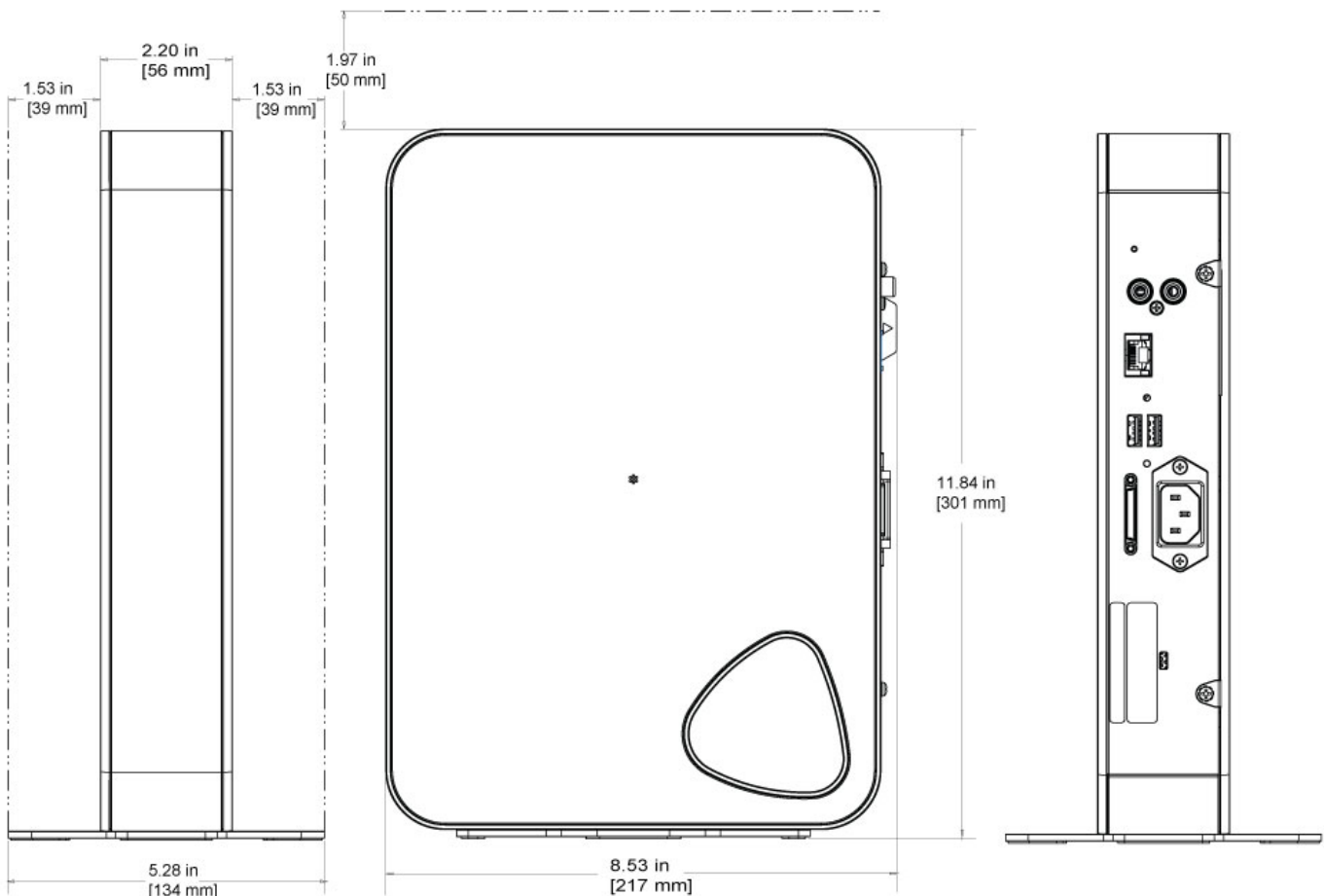**Power Data Box:** 6.4 lb (2.9 kg)

Compliance

Safety: UL 60950-1, EN 60950-1, CSA C22.2 60950-1, IEC 60950-1, AS/NZS 60950-1, GB4943-2011 (China), KCC approval (Korea)
EMC: CISPR 22 Class B (FCC, ICES, AS/NZS); VCCI Class B; EN 55022 Class B; EN 55024; GB9254:2008, YD/T993-1998 (China); KCC approval (Korea); ANATEL (Brazil)

Available Models

CCS-CX5100: 360° HD Camera, Microphone, & Speaker for Crestron RL™

Notes:

1. For a list of Crestron tested and approved USB extenders, refer to Crestron True Blue Online Help Answer ID 5391, or contact Crestron True Blue Support.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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12.79 in [325 mm]

14.53 in [369 mm]

13.70 in [348.1 mm]

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