

CCS-UC-300

Crestron® SR Next Generation Room System for Skype® for Business

- > A powerful and consistent Skype® for Business experience for simple rooms
- > Compatible with the Microsoft® Teams platform
- > Ideal for mass deployment across the enterprise
- > Integrates with Crestron® control, AV, scheduling, and enterprise management solutions
- > Compatible with Skype for Business certified peripherals
- > Stylish tabletop enclosure with integrated Surface® Pro touch screen
- > Backlit capacitive buttons for volume and mute
- > Customizable Crestron Meeting App for control of AV, lighting, and other functions
- > Separate engine hides under the table to provide connectivity for networking and peripherals
- > HDMI® input for presentation source device, switcher, or Crestron AirMedia®
- > HDMI and DM® outputs for display device and AV distribution^[1]
- > Four USB 3.0 ports for camera and audio peripherals
- > Balanced analog audio input and output
- > Remote help desk application available
- > Crestron Fusion® enterprise management support
- > Microsoft® Exchange integration
- > Built-in passive infrared occupancy sensor
- > Cresnet® port for optional external occupancy sensors
- > 100-240V universal power pack included
- > Swivel mount kit included^[2]

Skype® for Business Experience for Large-Scale Deployment in Simple Rooms

The number of small meeting rooms and huddle spaces in the enterprise is rapidly growing. This has created the need for a simple Skype for Business or Microsoft® Teams solution that can be easily deployed and managed on the network. The new Crestron SR Next Generation Room System fills that need.

Designed in Partnership with Microsoft®

The Crestron SR Next Generation Room System for Skype for Business (CCS-UC-300) delivers a consistent, seamless experience for power users or organizations that have standardized on Skype for Business or Microsoft Teams.

Designed from the ground up to seamlessly integrate the Microsoft Surface® Pro touch screen with Crestron control and AV systems, Crestron SR features:

- HDMI® input
- HDMI and DM® outputs^[1]
- Analog audio input and output
- USB ports to connect audio devices, a camera, and other accessories
- Cresnet® port to add an occupancy sensor for automation and room usage reporting



Consistent UI

Crestron SR provides the same Skype for Business or Microsoft Teams UX running on your laptop or mobile device, and the same room control UX on Crestron touch screens in your other rooms. Simply press the “CRESTRON” button to toggle between the two. The Crestron UX is fully customizable to control AV, lights, shades, and thermostats when connected to a 3-Series Control System®.

Easy to Monitor and Manage

Crestron SR can connect over the network to the Crestron Fusion® monitoring and scheduling service. System administrators can then provide white glove remote help desk support by utilizing Crestron Remote. For instance, if there's a technical issue during a presentation or video conference, a help desk technician can access the Crestron SR in the room and take control from his/her laptop without the need to visit the room.

A help desk technician can also update the system and perform routine maintenance remotely. Crestron SR leverages all the standard network security protocols already in place, including Active Directory®, SSH, TLS, 802.1x, and FIPS, so the system is totally secure.

Powerful Package

The CCS-UC-300 consists of a stylish tabletop enclosure that serves as the touch screen user interface, and an “engine” breakout box that mounts beneath the table.

- The tabletop enclosure permanently houses the Microsoft Surface Pro touch screen (included), and includes backlit capacitive buttons for audio and other functions. A swivel mount kit is included to secure the enclosure to the tabletop.^[2]
- The engine mounts to the underside of the tabletop and provides connectivity for USB and HDMI devices, network and power connections, and other means for expanding the system and integrating with Crestron control and AV equipment.

CCS-UC-300 Crestron® SR Next Generation Room System for Skype® for Business

Notice: Crestron SR is available exclusively through select Microsoft authorized distributors and resellers. Crestron dealers interested in becoming an authorized reseller of Crestron SR may visit: <http://www.crestron.com/skyperoomsystem> for more information.

SPECIFICATIONS

Connectors - Engine

HDMI IN: (1) HDMI Type A connector, female;

Digital video/audio input for presentation content source;
6 ft (1.83 m) HDMI Type A male-to-male cable included

HDMI OUT: (1) HDMI Type A connector, female;

Digital video/audio output for display device;
20 ft (6.1 m) HDMI Type A male-to-male cable included

DOCK CONNECTIONS: 1: 40-pin connector;

2: USB 2.0 Type A;

3: USB 3.0 Type B;

4: Mini DisplayPort

DM OUT: (1) 8-pin RJ45 connector, female, shielded;

DM 8G+® output;

Connects to the DM 8G+ input of a DM receiver or other DM device^[1]

15VDC 6.0A: (1) 2.5 x 5.5 mm DC power connector;

15 Volt DC power input (power pack included)

G: (1) 6-32 screw;

Chassis ground lug

USB 3.0: (4) USB Type A connector, female;

USB 3.0 host ports for optional camera, USB Audio (microphone, mic mixer, DSP, etc.), mouse, keyboard, etc.

LAN: (1) 8-pin RJ45 connector, female;

10Base-T/100Base-TX/1000Base-T Ethernet port;

12 ft (3.65 m) CAT5e RJ45 male-to-male cable included

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

Power-only USB port for optional PinPoint beacon (model [PP-100](#), sold separately)

NET: (1) 4-pin 3.5 mm detachable terminal block;

Cresnet master port exclusively for up to two Crestron occupancy sensors (models [GLS-ODT-C-CN](#) & [GLS-OIR-C-CN](#), sold separately)

AUDIO IN: (1) 5-pin 3.5 mm detachable terminal block;

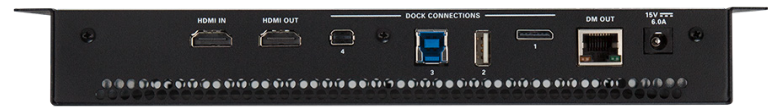
Balanced/unbalanced stereo line-level audio input

AUDIO OUT: (1) 5-pin 3.5 mm detachable terminal block;

Balanced/unbalanced stereo line-level audio output

HS: (1) 3.5 mm mini phone jack;

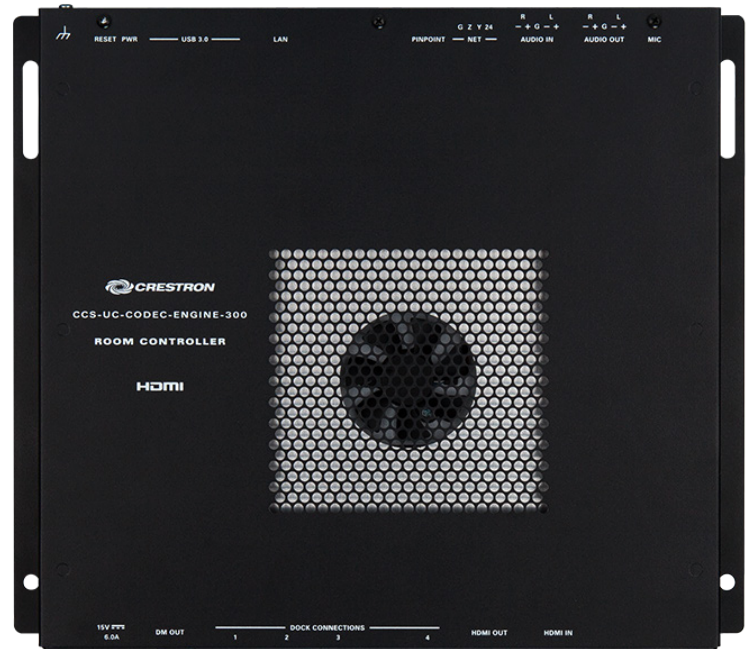
Headset connection



Engine — Front View



Engine — Rear View



Engine — Bottom View (as installed under a table)

Connectors - Tabletop Enclosure

40-pin: 14 inch (355 mm) attached cable with 40-pin connector, connects to the engine DOCK CONNECTIONS port 1

USB 2.0: 32 inch (812 mm) attached cable with USB 2.0 Type A male connector, connects to the engine DOCK CONNECTIONS port 2

USB 3.0: 23 inch (584 mm) attached cable with USB 3.0 Type B male connector, connects to the engine DOCK CONNECTIONS port 3

DisplayPort: 20 inch (508 mm) attached cable with Mini DisplayPort male connector, connects to the engine DOCK CONNECTIONS port 4

Controls & Indicators - Engine

DM OUT: (2) LEDs, green LED indicates DM link status, amber LED indicates video and HDCP signal presence

RESET: (1) Recessed pushbutton (not used)

PWR: (1) Green LED, indicates operating power supplied via the power pack

LAN: (2) LEDs, indicate Ethernet status and speed

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Buttons – Tabletop Enclosure

Four projected capacitive pushbuttons, individually backlit white, icons vanish when not applicable, as follows:

Mute: Mutes the onboard speaker and the audio output signal at the HDMI OUT, DM OUT, AUDIO OUT, and HS connectors

Volume Up: Increases the onboard speaker audio level (does not affect other audio outputs)

Volume Down: Decreases the onboard speaker audio level (does not affect other audio outputs)

Crestron Meeting App: Toggles between Skype for Business and the Crestron Meeting App on the touch screen display

Occupancy Sensor

PIR Detection Range: Up to 6 ft (1.83 m) in front of tabletop enclosure, wakes the system and reports room occupancy to Crestron Fusion, disabled if any external occupancy sensors are connected

External Sensors: Supports up to two Crestron occupancy sensors, model [GLS-ODT-C-CN](#) or [GLS-OIR-C-CN](#) (sold separately); enables up to 2000 square feet (185 square meters) of coverage per sensor

Power

Power Pack (Included):

Input: 100-240 Volts AC, 50/60 Hz, IEC 60320 C14 power inlet, 6.5 ft (2 m) C13 to NEMA 5-15P power cable included

Output: 6 Amps @ 15 Volts DC, 3.28 ft (1 m) attached cable with 2.5 x 5.5 mm DC power barrel connector

Available Cresnet Power: 4 Watts @ 24 Volts;
For Crestron occupancy sensors only

Power Consumption: 47 Watts (typical);
≤9 Watts in standby

Environmental

Temperature, Engine: 32° to 104° F (0° to 40° C)

Temperature, Dock: 32° to 95° F (0° to 35° C)

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

Heat Dissipation: 158 BTU/hr (typical);
≤31 BTU/hr in standby

Construction – Engine

Chassis: Metal, black finish, integral mounting flanges, fan cooled; vented bottom, front, back, and sides

Mounting: Under-table surface mount, cable retention brackets included ^[2]

Construction – Tabletop Enclosure

Housing: Plastic with metal base, silver and black, permanently houses the Microsoft Surface Pro device

Mounting: Tabletop, swivel mount kit included ^[2]

Dimensions

Engine: Height: 1.50 in (39 mm);
Width: 11.03 in (281 mm);
Depth: 9.55 in (243 mm)

Tabletop Enclosure: Height: 5.47 in (139 mm);
Width: 14.07 in (358 mm);
Depth: 8.64 in (220 mm)

Weight

Engine: 2.2 lb (1.0 kg)

Tabletop Enclosure: 4.4 lb (2.0 kg) including Surface Pro device;
2.7 lb (1.3 kg) without Surface Pro device

Compliance

UL Listed for US & Canada, IC, CE, KCC, VCCI Class B, FCC Part 15 Class B digital device

MODELS & ACCESSORIES

Available Models

CCS-UC-300: Crestron® SR Next Generation Room System for Skype® for Business; Refer to <http://www.crestron.com/skyperoomsystem> for information about becoming an authorized reseller of Crestron SR

Included Accessories

TS-SMK: Swivel Mount Kit

CBL-HD-6: HDMI® Interface Cable, 6 ft (1.8 m)

CBL-HD-20: HDMI® Interface Cable, 20 ft (6.1 m)

Available Accessories

GLS-ODT-C-CN: Dual-Technology Occupancy Sensor with Cresnet®

GLS-OIR-C-CN: Passive Infrared Occupancy Sensor with Cresnet®

Notes:

1. The DM OUT port on this product supports the transmission of audio and video signals only. It does not provide control of the connected DM receiver or any peripheral devices connected to the DM receiver. Control of the DM receiver and associated peripherals requires a Crestron control system with an Ethernet connection to the DM receiver's LAN port. For DM 8G+ wiring, use Crestron [DM-CBL-8G](#) DigitalMedia 8G™ Cable or third-party CAT5e (or better). The maximum wire length for DM 8G+ is 330 ft (100 m) between devices. Shielded cable and connectors are required when bundling multiple DM cables, and are recommended in all cases to safeguard against unpredictable environmental electrical noise which may impact performance at resolutions above 1080p. Refer to the [Crestron DigitalMedia Design Guide, Doc. #4546](#) for complete DigitalMedia system design guidelines. DM wire, connectors, and cables are sold separately.
2. Proper installation of the complete system requires a single 1-1/16" (27 mm) hole to be drilled in the tabletop to facilitate passage of cabling between the tabletop enclosure and engine components. Use of the supplied swivel mount kit and cable retention brackets is strongly recommended to assure a reliable installation.

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The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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

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