

UC-M100-T

Crestron Flex Tabletop UC Audio Conference System for Microsoft Teams® Software



- *Front-of-room conferencing solution for Microsoft Teams® software*
- *Present, call, conference, and collaborate with the Crestron Mercury® UC Conference Console*
- *Easy to specify and install — no custom design, programming, or software installation required*
- *Network management and provisioning, system alerts, and the pairing of a Crestron Mercury device to the UC-M100-T system's UC Engine through the Crestron XiO Cloud service*
- *Connects and communicates securely over any enterprise or SMB network*
- *Enterprise-grade security*

The Crestron Flex UC-M100-T system provides a video conference room solution for use with the Microsoft Teams intelligent communications platform. It contains the Crestron Mercury UC conference console ([CCS-UC-1-T](#)) and universal power pack ([PW-2420RU](#)).

Native Microsoft Teams® Software Experience

The UC-M100-T system brings the full Microsoft Teams UC experience to any meeting space in an enterprise or SMB facility, whether implementing a cloud based Microsoft Teams deployment, on-premises Skype® for Business software, or a hybrid of the two.

Crestron Mercury® UC Conference Console

The Crestron Mercury UC Conference Console (CCS-UC-1-T) is an advanced speakerphone that facilitates conversations with exceptional audio fidelity and pickup using the console's integrated 360° quad microphone array. Its high-powered, full-range speaker produces high quality audio for both voice and program material. Limes Audio TrueVoice® AEC technology achieves transparent full-duplex performance free of distracting echo or noise, and wideband audio codec support allows for full-spectrum, bidirectional voice communication.

Its extra-large, high-definition touch screen makes the Crestron Mercury system easy to use, whether starting or joining an online meeting or presenting and sharing content. Occupancy detection using a patent-pending combination of motion and voice activity provides several benefits, such as monitoring and reporting room usage to the Crestron Fusion® monitoring and scheduling software, or automating the system to power down to save energy when all parties leave the room.

Additionally, the Crestron Mercury speakerphone can integrate with a Crestron control system to enable touch screen control of room lighting, motorized window shades, climate control, AV, and other amenities.¹

For more information, refer to the [CCS-UC-1-T](#) product page.

Network Management and Security

Crestron Flex is an enterprise grade solution, engineered in partnership with Microsoft® to integrate seamlessly into any Microsoft Teams or Skype for Business deployment. Crestron Flex is ideally equipped for mass deployment throughout any sized corporate, university, medical, military, or government facility.

IoT cloud based provisioning enables complete network configuration in advance of hardware delivery, with touchless updates following installation via Windows Update. Crestron Fusion® or Crestron XiO Cloud management enables monitoring and logging of room and equipment usage, as well as centralized help desk support. Advanced security features ensure privacy, reliability, and compliance with your organization's IT policies.

Crestron XiO Cloud™ Provisioning and Management Service

The UC-M100-T is compatible with the Crestron 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.² The service enables installers and IT managers to deploy and manage thousands of devices in the amount of time it would ordinarily take to manage just one. As part of the UC-M100-T system, the Crestron XiO Cloud service allows for system alerts and network management and provisioning. System updates are controlled by Windows Update. For more information, visit www.crestron.com/xiocloud.

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Specifications

Included Components

| | |
|---|--|
| CCS-UC-1-T | Crestron Mercury Tabletop UC Audio Conference Console; Cable, CAT5e, RJ-45 Male - RJ-45 Male, 12 ft (3.66 m); Cable, USB 2.0, A - Micro B, 6 ft (1.83 m); Retention Plate, Cable Tie Wrap |
| PW-2420RU | Universal power pack for audio conference console ³ |
| Ethernet LAN cable, RJ45 male-to-male, 12 ft (3.66 m) | |

Audio Conference Console

| | |
|--|--|
| Touch Screen | 7 in. (178 mm) diagonal capacitive multi-touch TFT active matrix color LCD, 1280 x 800 pixels |
| UI | Microsoft Teams UI plus optional Crestron Smart Graphics® room control UI ¹ |
| Mic Mute Symbol & Light Bar | (2) Capacitive buttons with bi-color LEDs, either button toggles between mute and unmute, the symbol LED flashes green when the unit is powering up, all LEDs illuminate red when the mic is muted, all LEDs illuminate green when the mic is unmuted during an active call or online meeting |
| AEC | Limes Audio TrueVoice acoustic echo cancellation, automatic mic mixing, automatic gain control, and dynamic noise reduction; full-duplex IEEE 1329 Type 1 compliant |
| Speaker | Full range speaker, 11 W amplifier power, 95 dB SPL at 0.5 m maximum output, 90 Hz to 22 kHz frequency response |
| Microphones | 360° quad mic array, 20 ft (6 m) typical pickup range |
| Extension Microphones | Supports two mic pods, model CCS-UCA-MIC KIT (sold separately) |
| Occupancy Sensor | Patent-pending Persistent Occupancy Awareness combining passive infrared motion and voice activity detection, 6 ft (1.83 m) PIR range in front of touch screen, activates touch screen and reports room occupancy to Crestron Fusion monitoring and scheduling software |
| Ethernet | 10/100 Mbps; enterprise grade security and management including IEEE 802.1X, Active Directory® authentication, LDAP, Kerberos, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), SRTP, digest access authentication, password login, HTTPS secure provisioning, Crestron XiO Cloud client, IEEE 802.3at Type 2 compliant |

| | |
|--|--|
| USB | USB 2.0 micro Type B device port, supports UAC for audio interface to UC Engine (included) |
| Power Options | PoE+: IEEE 802.3at Type 2, Class 4 (25.5 W) PoE+ Powered Device ² ; 24 VDC: 24 VDC via external 100-240 VAC, 50/60 Hz power pack, model PW-2420RU (included) |
| Dimensions | Height: 4.11 in. (105 mm) Width: 8.92 in. (227 mm) Depth: 12.74 in. (324 mm) |
| Weight | 5.5 lb (2.5 kg) |
| Refer to the CCS-UC-1-T specifications for additional information. | |

Model

UC-M100-T

Available Accessories

CCS-UCA-SMK

Swivel Mount Kit

CCS-UCA-MIC KIT

Microphone Pods, set of 2

CEN-SWPOE-16

16-Port Managed PoE Switch

SW-FUSION-C-3

Crestron Fusion Cloud; 250 rooms; 3-year service, support, and updates

SW-FUSION-P-L

Crestron Fusion On-premises; Unlimited rooms; lifetime service, support, and updates

SW-XIOC-S-1

Crestron XiO Cloud Standard Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-P-1

Crestron XiO Cloud Premium Provisioning and Management Service for one device, 1 year subscription

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Notes:

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.
2. New UC-M100-T systems may be added to existing Crestron XiO Cloud subscription accounts at a discounted rate. An additional purchase toward the existing subscription account term may be required. For more information, please contact license@crestron.com.
3. When used without any microphone pods connected, the Crestron Mercury console may be powered using either PoE+ or the included power pack (model [PW-2420RU](#)). If one or two mic pods are connected, the console MUST be powered using the power pack. PoE+ cannot be used to power the console if any mic pods are connected. When using PoE+, make sure the network switch supports PoE+ (802.3at Type 2). Regular PoE (802.3af or 802.3at Type 1) cannot be used to power the console. Be advised, the UC Engine component can only be powered using its included AC power adapter. The UC Engine cannot be powered via PoE or PoE+.

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 by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

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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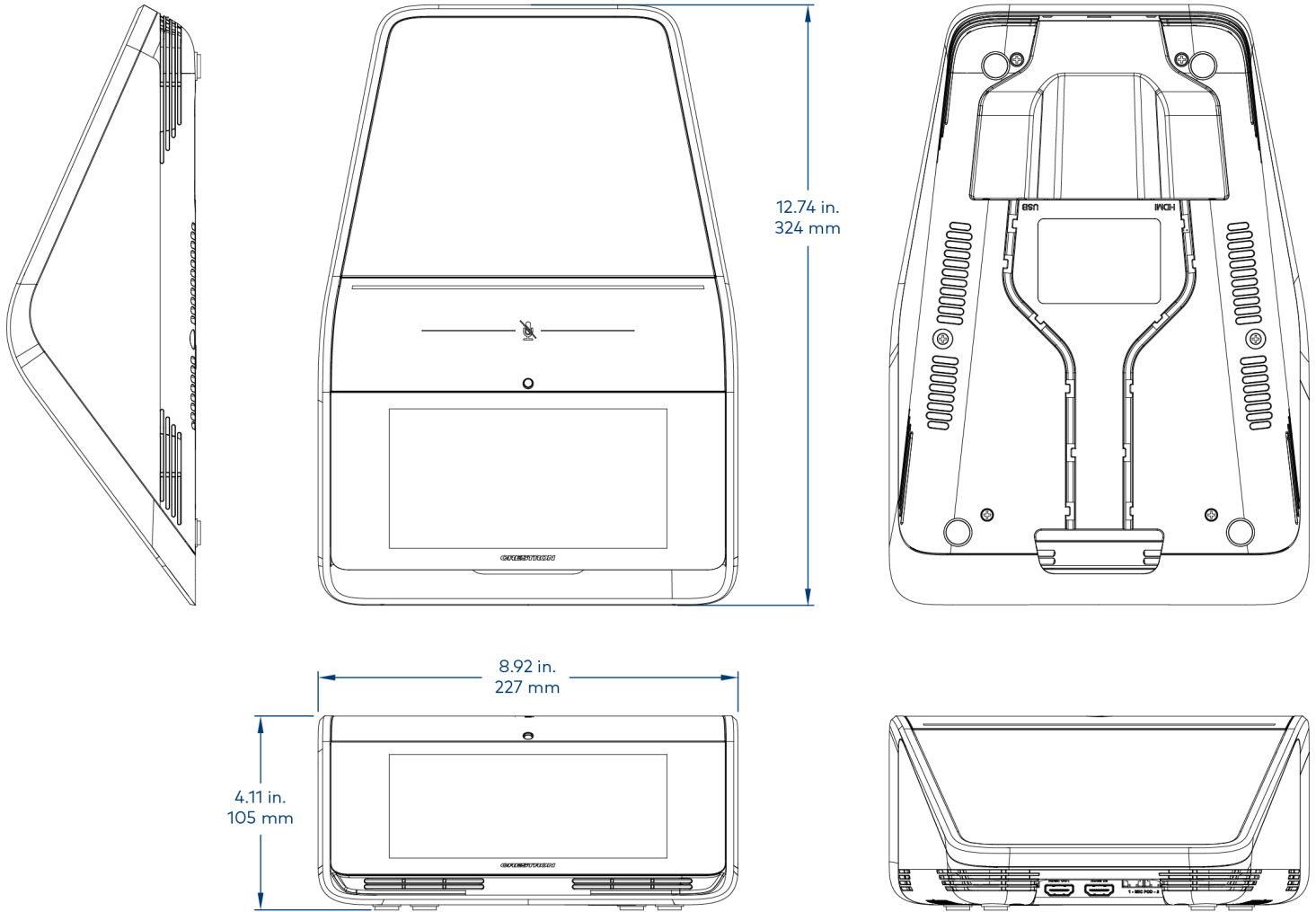
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