



Archived resources

For further resources and
documentation please visit us:
www.cinos.net

UC-M130-T

Tabletop UC Video Conference System for Microsoft Teams™ Rooms



- *A complete solution that contains the Crestron Mercury® tabletop console, Logitech™ high-definition USB camera, UC Engine, and power supplies — just add a display and mount*
- *Microsoft® Exchange and Office 365® integration with native Microsoft Teams or Skype® for Business account support*
- *Easy to provision and manage through Crestron XiO Cloud™ service*
- *HDMI® input for laptop and other AV content sources; HDMI output for room display device*
- *Exceptional full-duplex audio performance and 2-way wideband voice quality*
- *Limes Audio TrueVoice® AEC technology*
- *Integrated 360° quad microphone array*
- *7 in. (178 mm) HD color touch screen*
- *Onscreen calendaring and meeting management*
- *PIR occupancy detector wakes the device when it senses motion or voice*
- *Enterprise-grade security*

The Crestron® Flex UC-M130-T system provides a complete video conference room solution for use with the Microsoft Teams intelligent communications platform. It supports a single video display, and features the Crestron Mercury® Tabletop UC Audio Conference Console, which comprises a high-performance, full-duplex conferencing speakerphone and touch screen controller in one stunning tabletop device.

Crestron Flex transforms any meeting room, huddle space, or executive office into a highly effective collaboration space, enabling people to work together and share content irrespective of location. Intuitive operation, exceptional full-duplex wideband audio, and full-motion HD video afford a gratifying and productive meeting experience for all participants. Crestron Flex is secure, easy to deploy, and easy to manage, with extensive features and capabilities engineered to maximize the value of your investment through increased efficiency and productivity.

Native Microsoft Teams™ Experience

Microsoft Teams is the hub for teamwork in Office 365® software, engaging people and bringing them together through messaging, voice over IP, online meetings, conferencing, content sharing, and collaboration. The UC-M130-T system brings the full Microsoft Teams IC experience to any meeting space in an enterprise or SMB facility, whether implementing a cloud based Microsoft Teams deployment, on-premises Skype for Business, or a hybrid of the two.

For applications requiring support for other UC platforms, refer to the Crestron Mercury Open UC video conference system, model [CCS-UC-1-AV W/PS](#).

Crestron Mercury® UC Conference Console

Through one tabletop device, the UC-M130-T system facilitates effortless conferencing and control, with simple operation and one-touch meeting joins through a feature-rich touch screen UX familiar to users of Microsoft Teams and Office 365 software. Its advanced speakerphone delivers highly intelligible, echo-free voice clarity, and its striking yet functional design is perfectly at home on any conference table.

The UC-M130-T system facilitates conversations with exceptional audio fidelity and pickup. The console's integrated 360° quad microphone array faithfully captures voices at every seat at the table. Its high-powered, full-range speaker produces full, rich and real sounding audio for both voice and program material. Limes Audio TrueVoice® AEC technology achieves transparent full-duplex performance free of distracting echo or noise. Wideband audio codec support allows for full-spectrum, bidirectional voice communication.

Rev 05/16/19

UC-M130-T

Tabletop UC Video Conference System for Microsoft Teams™ Rooms

Its extra-large, high-definition touch screen makes the UC-M130-T system easy to use, whether starting or joining an online meeting, dialing or answering a phone call or video call, looking up contacts, or presenting and sharing content. The full-color user interface provides quick access and intuitive operation through a customizable, feature-rich UI.

Occupancy detection using a patent-pending combination of motion and voice activity provides several benefits, such as monitoring and reporting room usage to [Crestron Fusion®](#), or automating the system to power down to save energy when all parties leave the room.

Additionally, the UC-M130-T system includes the ability to integrate with a Crestron control system to enable touch screen control of room lighting, motorized window shades, climate control, AV, and other amenities.² Large or long tables are easily accommodated by adding up to two mic pods ([CCS-UCA-MIC KIT](#) sold separately), which may be daisy-chained or individually home run to the main console.¹ For ultimate versatility, the console can be powered using either PoE+ or the included 100-240V universal power pack.¹ The console can sit freely on any tabletop surface, or be permanently attached to the table using the optional 180° swivel mount kit ([CCS-UCA-SMK](#) sold separately).

Logitech® C930e Camera

A perfect view of the room is achieved through the included conferencing camera, which features HD 1080p video resolution with a wide 90° field of view and 4X HD digital zoom. The premium glass lens and autofocus ensure remarkably clear video at all times – even when bandwidth is limited. The camera intelligently adjusts using RightLight™ 2 technology to improve visual quality in low light at multiple distances. The attached clip and tripod embedded thread give the freedom to mount the camera wherever it works best – LCD screen, notebook, or tabletop.

UC Engine

The UC Engine Assembly (UC-BRKT-100-SD-ASSY) streamlines the installation of a Crestron UC system by assembling the UC-ENGINE-SD, HD-CONV-USB-200, and UC-CONN-HD together on one convenient and ready to mount bracket.

The complete assembly can be mounted on the wall, or it can be attached to the rear of the display device. Attachment to the display is accomplished using two of the four bolts that also affix the display to a VESA® compliant display mount. The assembly bracket includes mounting holes on its left and right side edges, spaced at 100, 200, and 300 mm vertically, to allow for attachment to either side of the display mounting plate on the rear of the display device.

Additional features are included to manage wiring and conceal connections for a clean, secure installation. A 1-gang sized cutout at the lower right-hand corner allows for mounting over a flush wall-mounted electrical box, which may be used for an AC outlet or a wall plate containing AV and data jacks.

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 governmental facility.

IoT cloud based provisioning enables complete network configuration in advance of hardware delivery, with touchless updates following installation. 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-M130-T system 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. 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. For more information, visit www.crestron.com/xiocloud.

Rev 05/16/19

UC-M130-T

Tabletop UC Video Conference System for Microsoft Teams™ Rooms

Specifications

Included Components

CCS-UC-1-T-V: Crestron Mercury® Tabletop UC Audio Conference Console for Microsoft Teams™ Video; 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: Desktop Power Pack, 24 VDC, 2.5 A, 2.1 mm, Universal

CCS-CAM-USB-F-100: Logitech C930e Camera

UC-BRKT-100-SD-ASSY: UC Engine Assembly with UC-BRKT-100, UC-ENGINE-SD, HD-CONV-USB-200, & UC-CONN-HD

CBL-USB-A-EXT-15: USB Extension Cable, Type A Male-to-Female, 15 ft (4.57 m)

Audio Conference Console

Touch Screen: 7 in. (178 mm) diagonal capacitive multi-touch TFT active matrix color LCD, 1280 x 800 pixels, displays Microsoft Teams UI plus optional Crestron Smart Graphics® room control UI²

Mic Mute Symbol & Light Bar: (2) Capacitive buttons with bi-color LEDs, either button toggles between mute and unmute, the symbol LED blinks 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

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 Device¹;

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-V](#) and [CCS-UCA-MIC KIT](#) spec sheets for additional specifications and compliances.

Camera

Model: Logitech® Webcam C930e

Field of View: 90° diagonal

Connectivity: Plug-and-play USB 2.0

Resolution/FPS: Full HD 1080p/30, HD 720p/30

HD Digital Zoom: 4x, 1080p

Auto-Light Correction: RightLight™ 2

Dimensions:

Height: 1.14 in. (29 mm), 1.7 in (43.3 mm) with clip

Width: 3.70 in. (94 mm)

Depth: 0.95 in. (24 mm), 2.8 in (71 mm) with clip

Weight: 5.7 oz (162 g), 5.7 oz (162 g) with clip and cable

Refer to the [CCS-CAM-USB-F-100](#) spec sheet for additional specifications and compliances.

UC Engine Assembly

Mini PC: Intel NUC Kit NUC6i7KYK

Processor: 6th generation Intel Core® i7-6770HQ processor with Intel Iris® Pro Graphics 580, 8 GB RAM, 128GB SSD, Intel I219-LM 10/100/1000 Mbps Ethernet, Windows® 10 IOT Edition OS

UC Client: Microsoft Teams or Skype for Business

Management Client: Crestron XiO Cloud, Microsoft Intune®

USB: USB 3.0 host supporting USB HID, UAC, and UVC for audio conference console, camera, content ingest, and keyboard/mouse devices

Rev 05/16/19

UC-M130-T

Tabletop UC Video Conference System for Microsoft Teams™ Rooms

Content Ingest: HDMI input via HDMI to USB 3.0 converter (model HD-CONV-USB-200, included)

Display Output: Single display support(USB-C primary, HDMI output)

Camera Input Resolution: HD 1080p @ 30 fps

Content Input Resolution: HD 1080p @ 60 fps

Display Output Resolution: HD 1080p @ 60 fps

Power: 19 VDC via external 100-240 VAC, 50/60 Hz adapter (included)

Construction: Metal mounting bracket, black, preassembled with UC Engine and USB to HDMI converter

Mounting: Surface wall mount behind the display device, or attach to the rear of the display device via the bolts attaching the display to a VESA® compliant display mount; the Crestron bracket includes mounting holes on both side edges, spaced 100, 200, and 300 mm vertically, to allow for attachment to either side of the display mounting plate :

Dimensions:

Height: 16 in. (407 mm)

Width: 14 in. (356 mm)

Depth: 1.5 in. (39 mm)

Refer to the UC-ENGINE-SD, [HD-CONV-USB-200](#), and UC-BRKT-100-SD-ASSY spec sheets for additional specifications and compliances.

Models & Accessories

Available Models

UC-M130-T: Crestron Flex M130-T – Tabletop UC Video Conference System for Microsoft Teams™

Available Accessories

CCS-UCA-MIC KIT: Microphone Pods, set of 2

CEN-SWPOE-16: 16-Port Managed PoE Switch

SW-XIOC-S-1: Crestron XiO Cloud Standard Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-S-2: Crestron XiO Cloud Standard Provisioning and Management Service for one device, 2 year subscription

SW-XIOC-S-3: Crestron XiO Cloud Standard Provisioning and Management Service for one device, 3 year subscription

SW-XIOC-P-1: Crestron XiO Cloud Premium Provisioning and Management Service for one device, 1 year subscription

SW-XIOC-P-2: Crestron XiO Cloud Premium Provisioning and Management Service for one device, 2 year subscription

SW-XIOC-P-3: Crestron XiO Cloud Premium Provisioning and Management Service for one device, 3 year subscription

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

Notes:

1. 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+.
2. 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.

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/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

Additional resources can be accessed via the Crestron Commercial Lighting Consultants Partner Portal at

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, visit www.crestron.com/opensource.

Crestron, the Crestron logo, Crestron Mercury, Crestron Fusion and XiO Cloud are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. HDMI, the HDMI logo, and High Definition Multimedia Interface are either trademarks or registered trademarks of HDMI Licensing LLC in the United States and/or other countries. Microsoft Intune, Microsoft Teams, Office 365 and Skype are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Intel, Iris, and Intel Core Movidius, and Myriadare are either trademarks or registered trademarks of Intel Corporation in the United States or other countries. Logitech and RightLight are either trademarks or registered trademarks of Logitech International S.A. in the United States and/or other countries. TrueVoice is either a trademark or registered trademark of Limes Audio AB in the United States and/or other countries. VESA is either a trademark or registered trademark of Video Electronics Standards Association 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.

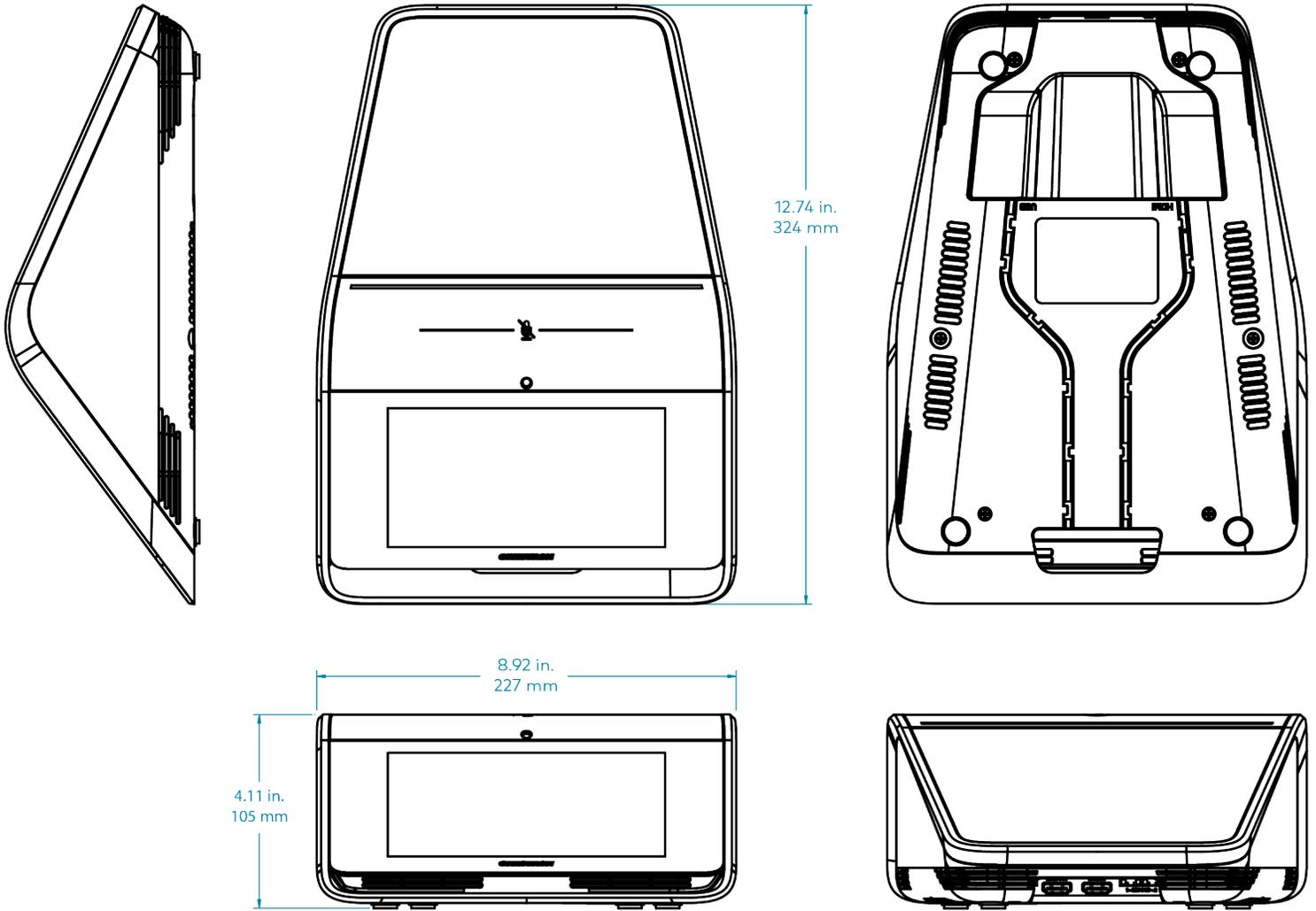
Specifications are subject to change without notice.

©2019 Crestron Electronics, Inc.

Rev 05/16/19

UC-M130-T

Tabletop UC Video Conference System for Microsoft Teams™ Rooms



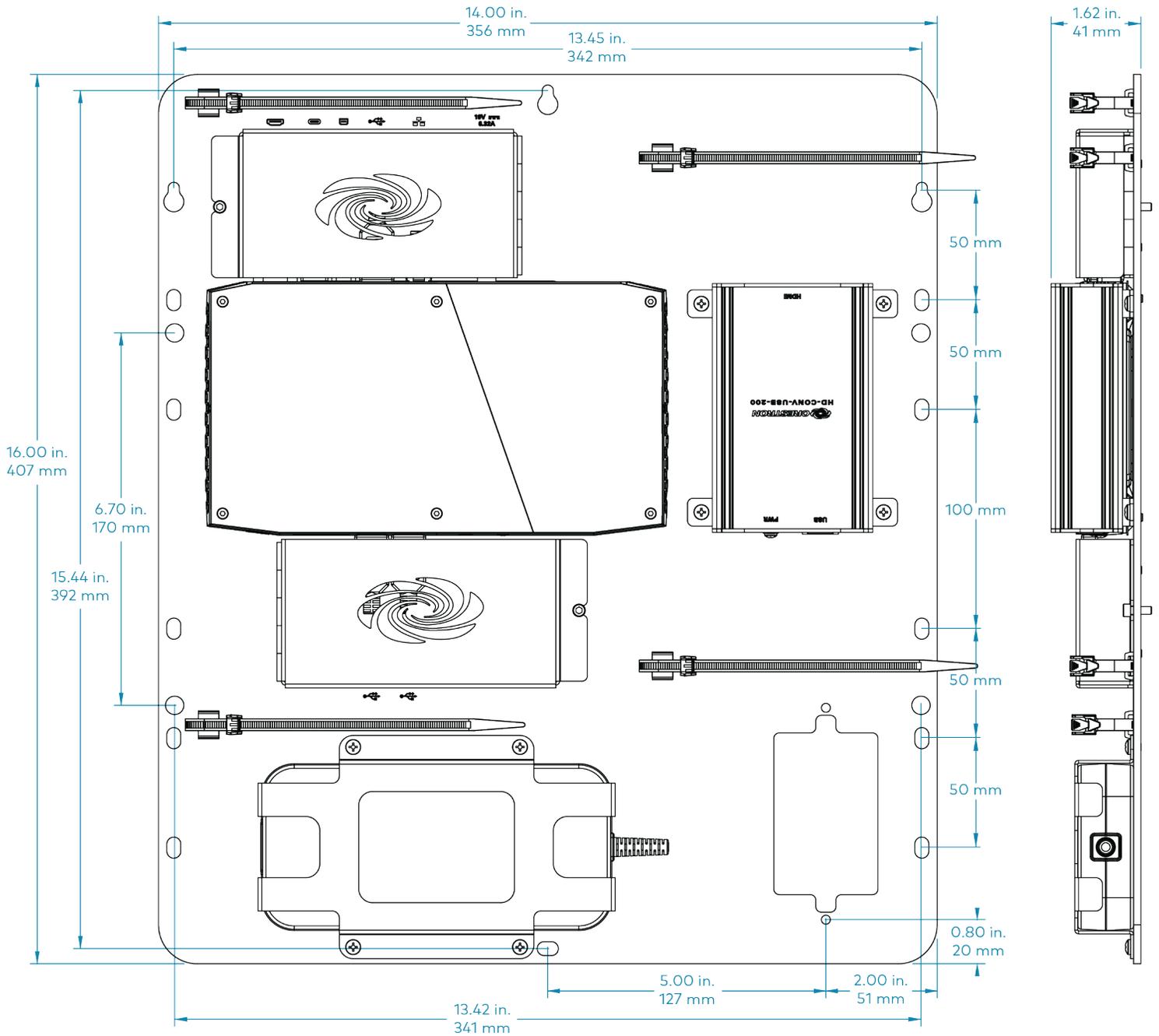
4.11 in.
105 mm

Crestron Mercury

Rev 05/16/19

UC-M130-T

Tabletop UC Video Conference System for Microsoft Teams™ Rooms



UC Engine Assembly

Rev 05/16/19

For further resources and
documentation please visit us:
www.cinos.net