

# UC-C160-Z

## Crestron® Flex UC Video Conference System Integrator Kit for Zoom Rooms™ Software



- *A custom video conferencing integration solution for Zoom Rooms™ software*
- *Present, call, conference, and collaborate in any room using your choice of AV equipment*
- *Easy to specify and install — no programming or software installation required*
- *Easy to provision and manage through the Crestron XiO Cloud™ service*
- *Connects and communicates securely over any enterprise or SMB network*
- *Supports single or dual display configuration*
- *Enterprise-grade security*
- *Kit contains the 10.1 in. (257 mm) tabletop color touch screen, UC Engine assembly and 1-year Crestron XiO Cloud Premium subscription.*

The Crestron Flex UC-C160-Z system provides a customizable video conference room solution for use with Zoom Rooms software. It supports single or dual video displays, and enables integration with your choice of displays, cameras, speakers, microphones, mixers, switchers, and audio conferencing interface (or speakerphone). Control of the complete system is provided via a high-definition 10.1 in. tabletop touch screen.

### Native Zoom Rooms™ Software Experience

The UC-C160-Z system features Zoom Rooms conferencing software that enables audio and video connectivity for easy collaboration and content sharing.

### 10.1 in. Touch Screen

With its clean, contemporary design highlighted by edge-to-edge glass and stunning color graphics, the Crestron TSW-1060 series touch screen makes an elegant statement on any tabletop. PoE (Power over Ethernet) connectivity and a range of mounting options make installation simple for both new and retrofit applications.

### Tabletop Kit for TSW-1060

The TSW-1060-TTK provides a stylish and convenient tabletop enclosure for a TSW-1060 Touch Screen. The touch screen is angled when installed in the enclosure. The complete assembly may be placed on any flat, level surface. Wiring may be passed out the rear of the enclosure through a grommet and strain relief, or routed through the bottom for a very clean, cordless appearance.

### UC-ENGINE Assembly

All the capabilities of a complete Zoom Rooms video conferencing and content sharing solution are empowered by the UC Engine. For ultimate performance, Crestron employs a powerful Intel® NUC Mini PC running Zoom Rooms software with built-in Crestron XiO Cloud provisioning. The UC Engine forms the core of the UC-C160-Z system, providing extreme processing performance, Gigabit Ethernet, and complete connectivity for one or two HD displays and a smart soundbar (UC-SB1 or UC-SB1-CAM).

Presenting and sharing content from a laptop PC is facilitated through a single HDMI® input, supporting full-motion HD video and audio via the included HDMI to USB converter. The converter and UC Engine are mounted together on a bracket, which comes fully preassembled and ready to install behind the display device(s).

### Network Management and Security

Crestron Flex is an enterprise-grade solution, engineered to integrate seamlessly into any Zoom Rooms software 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. 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-C160-Z 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.<sup>1</sup> 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](http://www.crestron.com/xiocloud).

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### Specifications

#### Included Components

**TSW-1060-B-S:** 10.1 in. touch screen, black

**TSW-1060-TTK-B-S:** Tabletop kit for touch screen, black

**UC-BRKT-100-Z-ASSY:** UC Engine Assembly, comprised of:

- UC-ENGINE-Z: UC Engine for Zoom Rooms video;
- HD-CONV-USB-200: HD to USB Video Converter for content ingest;
- UC-CONN-HD: EDID emulator for UC Engine display output;
- CBL-MDP-HD-0.5: Mini DisplayPort™ to HDMI converter Mounting bracket

**CBL-USBC-HD-9:** USB-C® to HDMI converter cable, USB Type-C® male to HDMI Type A male, 9 ft (2.7 m)

**CBL-HD-THIN-HS-6:** Thin HDMI cable for connecting display device, Type A male-to-male, 6 ft (1.8 m)

**CBL-CAT5E-7:** (2) Ethernet LAN cables for UC Engine, RJ45-to-RJ45, black, 7 ft (2.1 m)

**DM-CBL-ULTRA-PC-50:** Ethernet LAN cable for touch screen, CAT6a, RJ45-to-RJ45, blue, 50 ft (15 m)

**CBL-HD-DVI-20:** Crestron Certified HDMI® to DVI Interface Cable, 20 ft

**PWE-4803RU:** PoE injector for touch screen

**CCS-UCA-KB-USB:** Wireless keyboard w/touchpad for setup

#### Tabletop Touch Screen

**Touch Screen:** 10.1 in. (257 mm) diagonal capacitive multi-touch TFT active matrix color LCD, 1280 x 800 pixels, displays Zoom Rooms UI plus optional Crestron Smart Graphics® room control UI²

**Ethernet:** 10/100 Mbps; enterprise grade security and management including IEEE 802.1X, Active Directory® authentication, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), digest access authentication, password login, HTTPS secure provisioning, Crestron XiO Cloud client, IEEE 802.3at compliant

**Power over Ethernet:** IEEE 802.3at compliant PoE or PoE+ PD (Powered Device);

- Requests 15 Watts from an 802.3at Type 2 PSE with LLDP advanced power management;
- Requests 30 Watts (PoE+ Class 4) from an 802.3at Type 2 PSE without LLDP;
- Requests 15.4 Watts (PoE Class 0) from an 802.3af (or 802.3at Type 1) PSE

**PoE Injector:** A PoE injector is included to power the touch screen if network PoE is not available

**Construction:** Plastic tabletop housing, smooth black finish, edge-to-edge glass with black surround

#### Dimensions:

**Height:** 5.42 in. (138 mm)

**Width:** 10.23 in. (260 mm)

**Depth:** 5.69 in. (145 mm)

**Weight:** 41.2 oz (1166 g)

Refer to the [TSW-1060-B-S](#), [TSW-1060-TTK-B-S](#), and [PWE-4803RU](#) spec sheets for additional specifications and compliances. One additional TSW-1060 series touch screen may be added.

#### 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, 128 GB SSD, Intel I219-LM 10/100/1000 Mbps Ethernet, Windows® 10 IOT Edition OS

**UC Client:** Zoom Rooms

**Management Client:** Crestron XiO Cloud Service

**USB:** USB 3.0

**Content Ingest:** HDMI to USB 3.0 Converter (model HD-CONV-USB-200, included)

**Display Output:** Single or dual display support, native Mini DisplayPort (primary) and USB Type-C (secondary) outputs, HDMI outputs enabled via converter cables (included)

**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:** 16.00 in. (407 mm)

**Width:** 14.00 in. (356 mm)

**Depth:** 1.62 in. (41 mm)

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

### Models & Accessories

#### Model

##### UC-C160-Z

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#### Available Accessories

##### CEN-SW-POE-5:

5-Port PoE Switch

##### CEN-SWPOE-16:

16-Port Managed PoE Switch

##### DSP-1282:

Crestron Avia™ 12x8 Digital Signal Processor w/USB Audio, AEC, & Audio Conferencing Interface

##### DSP-1283:

Crestron Avia 12x8 Digital Signal Processor w/Dante® audio networking, USB Audio, AEC, & Audio Conferencing Interface

##### MMX-6-USB:

6-Channel USB Microphone Mixer

##### SAROS SB-200-P:

Saros® Sound Bar 200, Powered

##### 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-P Series:

Crestron XiO Cloud Premium Provisioning and Management Service Subscription for one device

##### SW-XIOC-S Series:

Crestron XiO Cloud Standard Provisioning and Management Service Subscription for one device

##### TSW-560/760/1060-SMK:

Swivel Mount Kit

##### TSW-1060 Series:

10.1 in. Touch Screen

##### TSW-1060-TTK Series:

Tabletop Kit for TSW-1060

##### UC-SB1:

UC Video Conference Smart Soundbar

##### UC-SB1-CAM:

UC Video Conference Smart Soundbar & Camera

#### Notes:

1. Complimentary Crestron XiO Cloud subscriptions are subject to the terms of the Crestron Cloudware License Agreement at <https://www.crestron.com/cloudwarelicensepdf>, as well as additional terms of the Crestron Cloudware License Agreement Addendum at <https://www.crestron.com/cloudwarelicenseaddendumpdf>, which control in any conflict with the Agreement. Complimentary subscriptions may be applied to new accounts only. An additional purchase toward the existing subscription account term may be required. For more information, please contact [license@crestron.com](mailto:license@crestron.com).
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](http://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 [www.crestron.com/about/partner-info/commercial-lighting-consultants](http://www.crestron.com/about/partner-info/commercial-lighting-consultants). For assistance with incorporating this product into a design or specification, please contact the Commercial Lighting Consultant Hotline via email at [clcdesign@crestron.com](mailto:clcdesign@crestron.com) or by calling 888-330-1502.

The specific patents that cover Crestron products are listed online at [www.crestron.com/legal/patents](http://www.crestron.com/legal/patents).

Certain Crestron products contain open source software. For specific information, visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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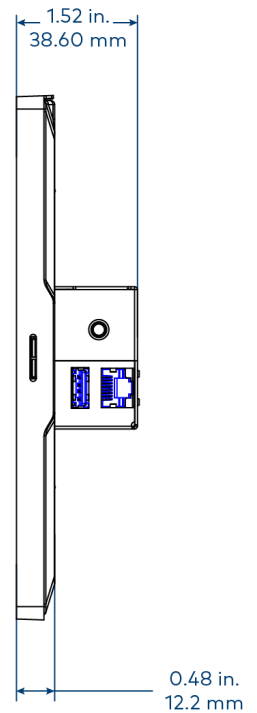
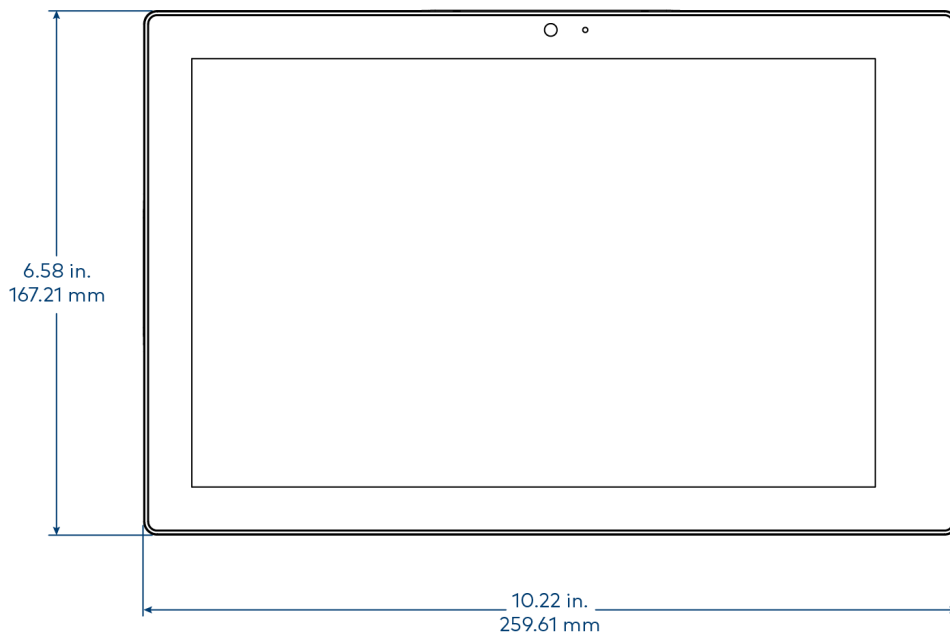
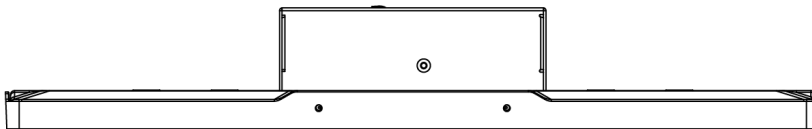
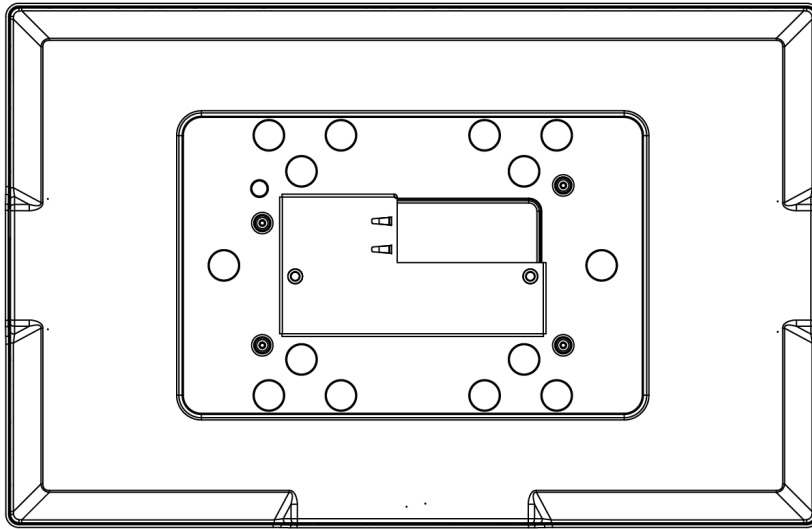
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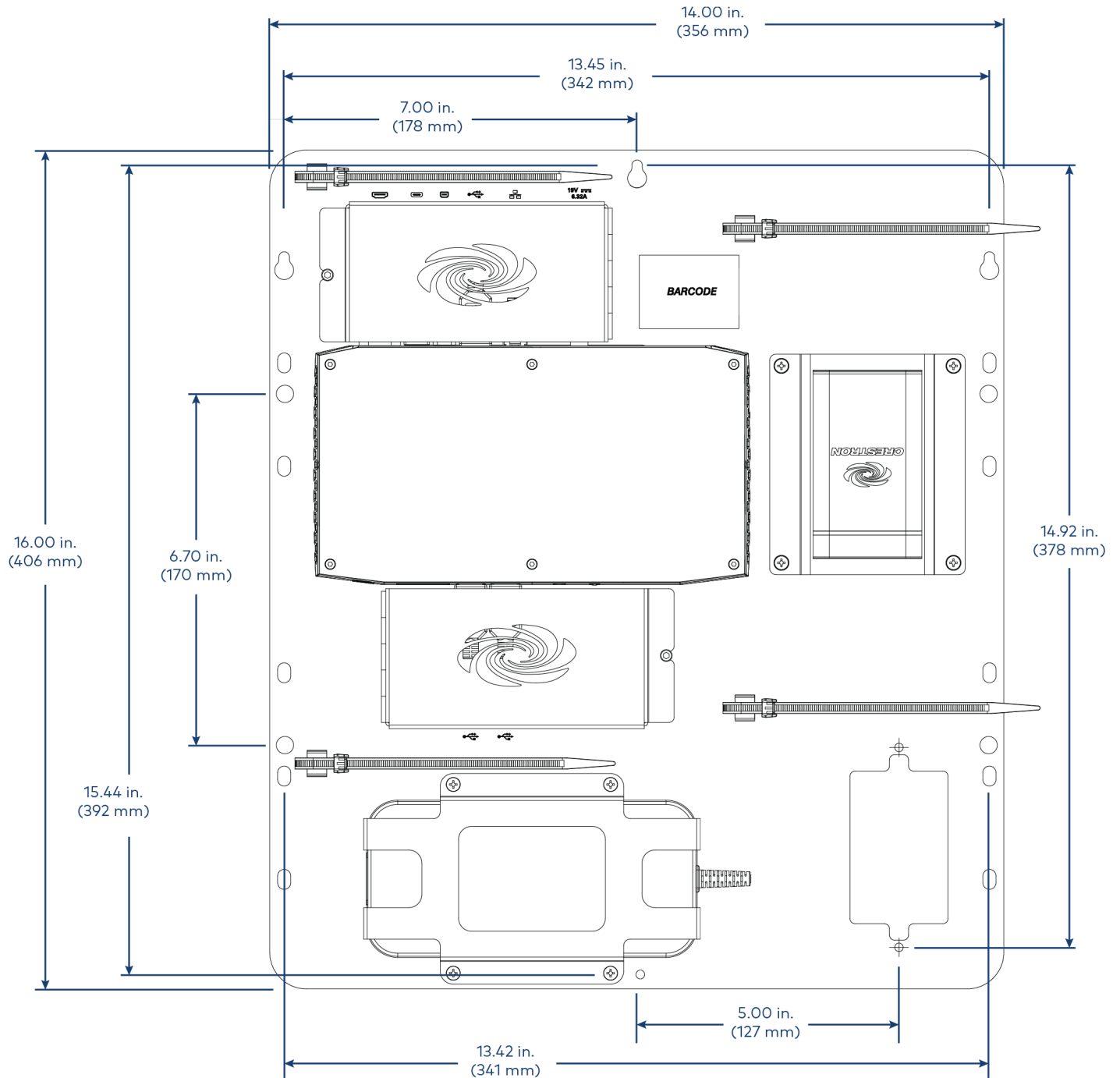
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TSW-1060-B-S

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Crestron® Flex UC Video Conference System Integrator Kit for Zoom Rooms™ Software



UC-BRKT-100-Z-ASSY