

# UC-CX100-Z

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



- Conferencing integration solution for Zoom Rooms™ software
- Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Zoom Rooms platform
- Native Rooms touch screen UI provides a consistent user experience with simple operation and one-touch meeting joins
- Complete kit contains a 10.1 in. touch screen, UC Presentation Transmitter, and UC Bracket Assembly
- Network management and provisioning and system alerts through the XiO Cloud® service
- Premium-level service with Crestron Flex Care (optional)
- Enterprise-grade security - connects and communicates securely over any enterprise or SMB network

The Crestron Flex UC-CX100-Z system provides a customizable conference room solution for use with Zoom Rooms software. It supports single or dual video displays<sup>1</sup> and features a 10.1 in. touch screen ([TS-1070-B-S](#)) and UC Bracket Assembly (UC-BRKT-260-P-Z-ASSY).

### Native Zoom Rooms™ Software Experience

The UC-CX100-Z system features Zoom Rooms conferencing software that enables audio and video connectivity for easy collaboration and content sharing.

### Custom Room Integration

The UC-CX100-Z system provides the essential components needed to design a fully custom video conferencing space using

your choice of display devices, cameras, speakers, microphones, and other AV equipment. Any Zoom Rooms software compliant USB camera and USB audio conferencing interface (or speakerphone) may be used.

### Intuitive User Interface

With a large 10.1 in. (257 mm) capacitive touch screen display, the Crestron® tabletop touch screen ([TS-1070-B-S](#)) provides superior conferencing control in meeting rooms, huddle spaces, and executive offices. The touch screen also offers optional control of room lighting, shades, thermostats, and other equipment.<sup>2</sup>

### Simplified Deployment

The UC Bracket Assembly (UC-BRKT-260-P-Z-ASSY) provides preassembled components on one ready-to-mount bracket to simplify installation. The assembly can be mounted on a wall, or it can be attached to the rear of the display device.

### Bring Your Own Device (BYOD)

Conference room visitors can connect their laptop to the Crestron Flex system to use their own UC conference platform. The UC Presentation Transmitter (UC-PR) switches to the connected laptop's UC platform and returns to the native Zoom Rooms platform when disconnected.

### Enterprise-Grade Security

Crestron Flex is an enterprise-grade solution that is ideally equipped for mass deployment throughout any sized corporate, university, medical, military, or government facility.

### Easy Provisioning and Device Management

The XiO Cloud service<sup>3</sup> is an IoT cloud based provisioning service that enables installers and IT managers to easily deploy and manage thousands of devices. The XiO Cloud service allows for system alerts, network management and provisioning, and the pairing of a control device to the system's UC Engine. System updates are controlled by Windows® software update.

Visit [www.crestron.com/xiocloud](http://www.crestron.com/xiocloud) for additional information.

### Premium-Level Support

Crestron Flex Care is an optional subscription service that automatically renews annually, providing 24/7 live remote technical support, an extended five year warranty on Crestron® hardware, expedited advance replacements, and a discounted rate for on-site support.

Visit [www.crestron.com/flexcare](http://www.crestron.com/flexcare) for additional information.

### Deployment Resources

View the [Crestron Flex Pre-Deployment Checklist](#) to help plan your Crestron Flex installation.

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### Specifications

#### Included Components

<b>TS-1070-B-S</b>	10.1 in. (257 mm) tabletop touch screen, black
<b>UC-BRKT-260-P-Z-ASSY</b>	UC Bracket Assembly for Zoom Rooms systems, comprised of: <ul style="list-style-type: none"><li>• UC-ENGINE-P-Z: UC Engine for Zoom Rooms video</li><li>• ADPT-USB-ENET: USB-to-Ethernet Adapter</li><li>• HD-CONV-USB-: CAT5 to USB 3.0 converter for content ingest</li><li>• Mounting hardware</li></ul>
<b>UC-PR</b>	UC Presentation Transmitter
<b>CBL-4K-DP-HD-6</b>	Active Converter Cable, DisplayPort™ to HDMI, 18 Gbps, 6 ft (1.8 m)
<b>CBL-CAT5E-7</b>	(3) Ethernet LAN cable for UC Engine, RJ45-to-RJ45, black, 7 ft (2.1 m)
<b>CBL-HD-6</b>	HDMI Interface Cable, 6 ft (1.8 m)
<b>DM-CBL-ULTRA-PC-20</b>	Ethernet LAN cable, CAT6a, RJ45-to-RJ45, blue, 20 ft (6.1 m)

#### Tabletop Touch Screen

<b>Touch Screen</b>	10.1 in. (257 mm) diagonal capacitive multi-touch TFT active matrix color LCD, 1920 x 1200 pixels
<b>UI</b>	Zoom Rooms UI plus optional Crestron Smart Graphics® room control UI <sup>2</sup>
<b>Ethernet</b>	100 Mbps, auto switching, auto negotiating, auto discovery, full/half duplex, TCP/IP, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), IEEE 802.1X, SNMP, IPv4 or IPv6, Active Directory® service authentication, HTTPS web browser setup, XiO Cloud® client, IEEE 802.3at compliant

#### Power over Ethernet

IEEE 802.3at Type 2 compliant PoE+ PD (Powered Device); Normally requests 15 W from an 802.3at Type 2 PSE with LLDP advanced power management; With room scheduling and USB enabled, requests 18 W from an 802.3at Type 2 PSE with LLDP; Requests 30 W (PoE+ Class 4) from an 802.3af Type 2 PSE without LLDP; Requests 15.4 W (PoE Class 0) from an 802.3af (or 802.3at Type 1) PSE

#### Power

Powered via PoE passthrough on the UC-PR

#### Construction

Plastic, smooth black finish, edge-to-edge glass with black surround

#### Dimensions

Height: 5.29 in. (134 mm)  
Width: 9.63 in. (245 mm)  
Depth: 4.67 in. (119 mm)

#### Weight

2.44 lb (1105 g)

#### UC Bracket Assembly

##### Mini PC

Intel Core® processor with Windows® 10 IOT Edition OS

##### UC Client

Zoom Rooms software

##### Management Client

XiO Cloud Service

##### Content Ingest

HDMI input via CAT5 to USB 3.0 converter (model HD-CONV-USB-260)

##### Display Output

Single or dual display support

##### Display Output Resolution

1080p

##### Power

90 W via external 100-240VAC, 50/60 Hz adapter (included)

##### Construction

Metal mounting bracket, black, preassembled with UC-ENGINE-P-Z and HD-CONV-USB-260

##### 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; 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

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**Dimensions**  
Height: 15.00 in. (381 mm)  
Width: 14.50 in. (368 mm)  
Depth: 1.72 in. (44 mm)

### UC Presentation Transmitter

**Video Input Signal Types** HDMI, DisplayPort 1.2 via USB Type-C® port

**Video Output Signal Types** HDMI over CAT5

**Resolution** 1080p

**Video Content Protection** HDCP 1.4 and HDCP 2.2

**Audio Input Signal Types** HDMI, DisplayPort 1.2 via USB Type-C port

**Audio Output Signal Types** HDMI over CAT5

**Communications**  
Ethernet: 100 Mbps, auto-switching, auto negotiating, auto-discovery  
HDMI over CAT5: HDCP, Ethernet  
HDMI: HDCP  
USB: USB 2.0 and USB 3.0

**Connectors**  
LAN PoE: (1) 8-pin RJ-45 connector, female;  
ACC:(1) USB 3.0 Type B connector, female;  
For firmware loading only;  
USB A: (1) USB 2.0 Type A connector, female;  
USB B: (1) USB 2.0 Type B connector, female;  
USB: (1) USB 2.0 Type-C connector, female;  
HDMI IN: (1) HDMI Type A, female;  
To RX: (1) 8-pin RJ-45 connector, female;  
Power Jack: (1) DC power connector;  
LAN: (1) 8-pin RJ-45 connector, female;  
Ground: (1) 6-32 screw

**Indicators**  
PWR: (1) Green LED, indicates operating power supplied via power supply  
Ethernet: (2) LEDs on To RX port;  
Green indicates Ethernet link status;  
Amber indicates Ethernet activity

**Power Supply** 24VDC, 3.75A, 100-240VAC, 90 W

**Device Charging** Up to 60 W charging for devices connected via USB-C® port

**Construction**  
Metal, black finish, integral mounting flanges;  
Vented top, front, bottom, and sides

**Mounting**  
Surface mount for mounting under table;  
Attaches to a single rack rail

**Dimensions**  
Height: 1.58 in. (40 mm)  
Width: 9.25 in. (235 mm)  
Depth: 8.20 in. (208 mm)

### Model

#### UC-CX100-Z

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### Available Accessories

For a list of available accessories, visit the [UC-CX100-Z](#) product page.

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### Notes:

1. Display must support "Wake on Sync" and "Sleep on No Sync" functionality. Consult the display manufacturer's specifications or internal settings of the specific display.
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.
3. The XiO Cloud service is a room based subscription service available separately.

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](http://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](http://www.crestron.com/warranty) for full details.

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

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

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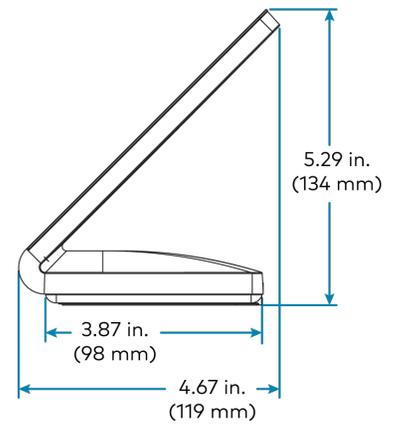
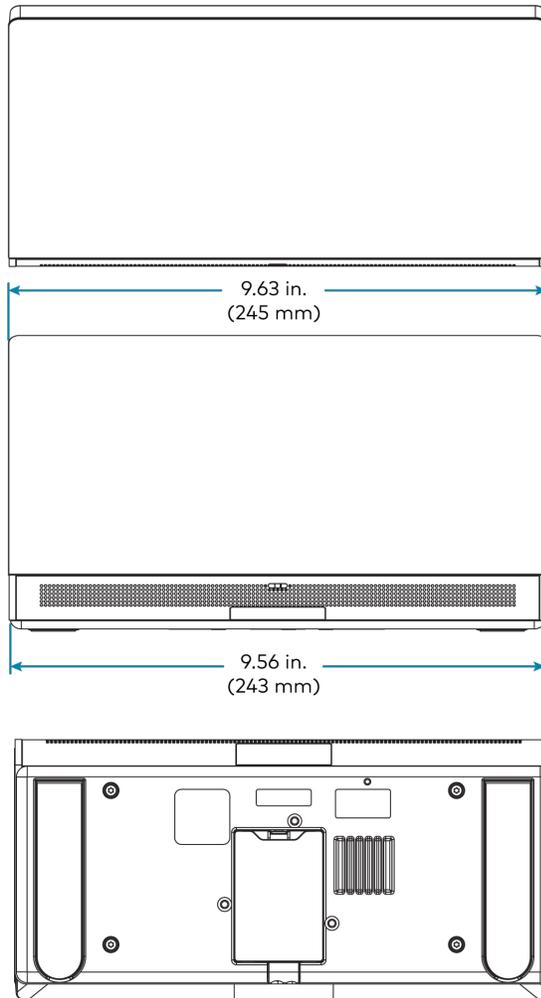
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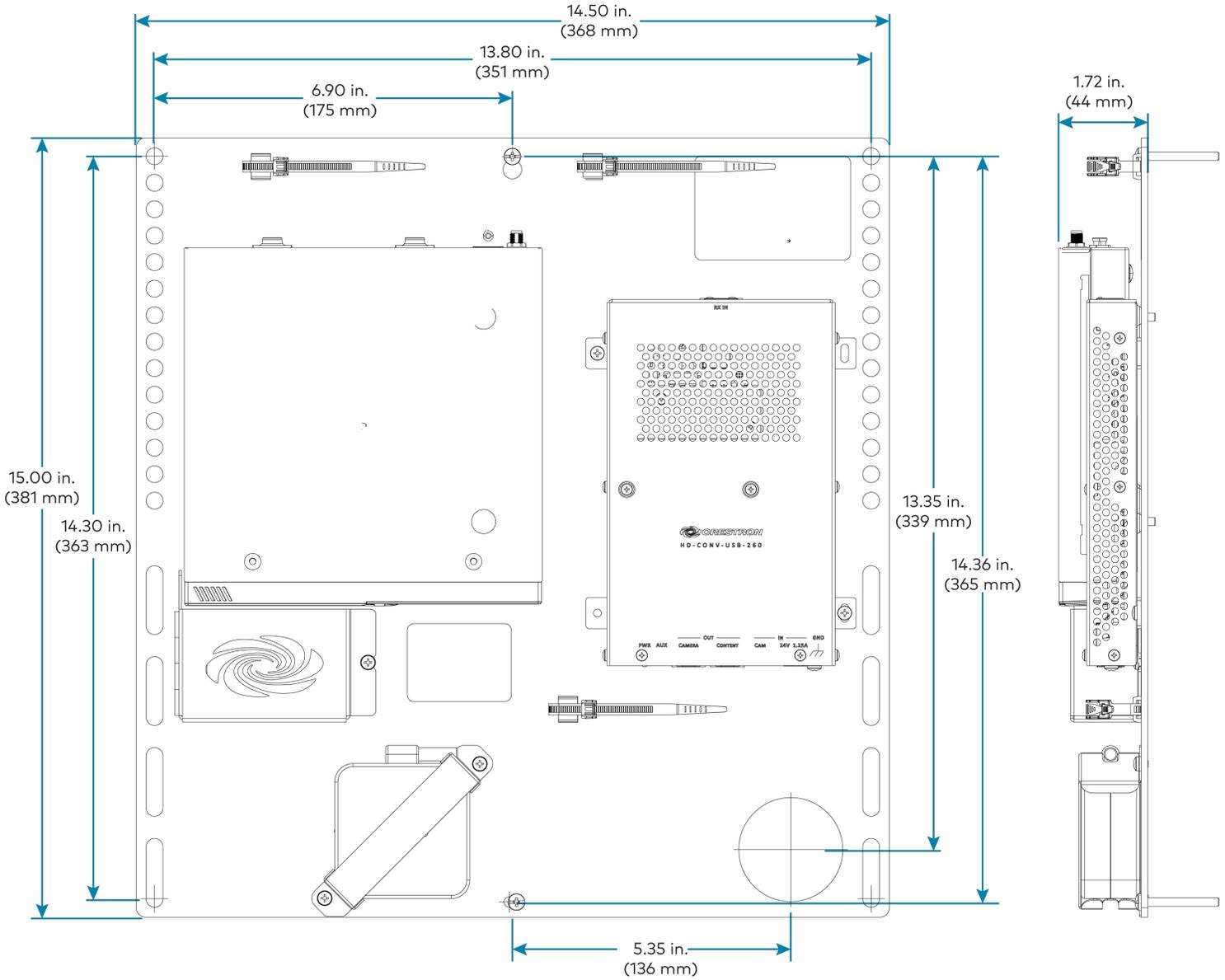
## TS-1070-B-S



# UC-CX100-Z

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## UC-BRKT-260-P-Z-ASSY



# UC-CX100-Z

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## UC-PR

