

# UC-MX150-Z

## Crestron Flex Tabletop UC Video Conference System for Zoom Rooms™ Software



- *Tabletop video conferencing solution for the Zoom Rooms™ environment*
- *Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Zoom Rooms platform*
- *Native Zoom Rooms touch screen UI provides a consistent user experience with simple operation and one-touch meeting joins*
- *Complete kit contains the Crestron Mercury X Tabletop Conference System, Huddly IQ™ Collaboration Camera, UC Bracket Assembly, and power supplies — just add display(s)<sup>1</sup> and mount*
- *Easy to specify and install — no custom design, programming, or software installation required*
- *Network management and provisioning and system alerts through the Crestron XiO Cloud® service*
- *Connects and communicates securely over any enterprise or SMB network*
- *Enterprise-grade security*
- *Supports single or dual display configuration*

The Crestron Flex UC-MX150-Z system provides a video conference room solution for use with the Zoom Rooms intelligent communications platform. It supports single or dual video displays, and features the Crestron Mercury® X Tabletop Conference System, UC Bracket Assembly, and Huddly IQ™ Collaboration Camera.

### Native Zoom Rooms™ Software Experience

The UC-MX150-Z system features Zoom Rooms conferencing software that enables audio and video connectivity for easy collaboration and content sharing.

### Bring Your Own Device (BYOD)

Conference room visitors can connect their laptop computer to the Crestron Flex system to use their own UC conference platform. The UC-MX150-Z's built-in content ingest device switches to the connected laptop's UC platform and returns to the native Zoom Rooms platform when disconnected.

### Crestron Mercury® X Tabletop Conference System

The Crestron Mercury X Tabletop Conference System ([CCS-UC-1-X](#)) provides a superior conferencing and collaboration experience for meeting rooms, huddle spaces, and executive offices. The CCS-UC-1-X delivers a simple and consistent user experience through its large 7 in. HD color touch screen. Its integrated AEC-enabled USB speakerphone affords exceptional full-duplex wideband audio performance.

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

### UC Bracket Assembly

All the capabilities of a Zoom Rooms video conferencing and content sharing solution are powered by the UC Bracket Assembly ([UC-BRKT-150-Z-ASSY](#)). The UC Bracket Assembly streamlines the installation of a Crestron UC system by assembling essential components together on one convenient and ready-to-mount bracket.

The UC Bracket Assembly can be mounted on a 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 UC Bracket Assembly includes mounting holes on the 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.

For more information, refer to the [UC-BRKT-150-Z-ASSY](#) product page.

### Huddly IQ™ Collaboration Camera

The included Huddly IQ Collaboration Camera ([CCS-CAM-USB-F-400](#)) features an ultra wide-angle 150° diagonal field of view to capture an entire conference room in Full HD 1080p video resolution. High precision aspherical optics, 12 MP CMOS sensor, and advanced video processing ensure a clear video image free from light or noise artifacts. Genius Framing digital autozoom detects the people in the room and frames them for an optimal view. With Genius Framing, there's no need to control the camera manually or rely on stored presets.

For more information, refer to the [CCS-CAM-USB-F-400](#) product page.

### Network Management and 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.

IoT cloud based provisioning enables complete network configuration in advance of hardware delivery, with touchless updates following installation via Windows® software update. Crestron Fusion® software 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.

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### Crestron XiO Cloud Provisioning and Management Service

The UC-MX150-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. The service enables installers and IT managers to deploy and manage thousands of devices in the amount of time it previously took to manage just one. As part of the UC-MX150-Z 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](http://www.crestron.com/xiocloud).

### Deployment Resources

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

## Specifications

### Included Components

#### [UC-BRKT-150-Z-ASSY](#)

UC Bracket Assembly for Zoom Rooms systems, comprised of:

- [UC-ENGINE-Z](#): UC Engine for Zoom Rooms systems;
- Power cord for UC-ENGINE-Z;
- [HD-CONV-USB-250](#): HDMI® to USB 3.0 converter for content ingest;
- [PW-2412WU](#): Power pack for use with HD-CONV-USB-250;
- Mounting Bracket containing UC-ENGINE-Z, HD-CONV-USB-250, and cabling;
- Mounting Hardware

#### [CCS-UC-1-X](#)

Crestron Mercury X Tabletop Conference System includes:

- [PW-2420RU](#) Universal power supply and power cord
- Cable, CAT5e, RJ-45-to-RJ-45, 12 ft (3.66 m);
- Cable management hardware

#### [CCS-CAM-USB-F-400](#)

Huddly IQ Collaboration Camera

#### [CBL-CAT5E-7](#)

Ethernet LAN cable, CAT5e, RJ-45-to-RJ-45, black, 7 ft (2.1 m)

#### [CBL-HD-THIN-HS-6](#)

(2) Thin HDMI cable for connecting display device, Type A male-to-male, 6 ft (1.8 m)

#### [CBL-USB-A-BMICRO-6](#)

USB 2.0 A - Micro-B cable, 6 ft (1.8 m)

#### [CBL-USBC-HD-9](#)

USB-C® to HDMI converter cable, USB Type-C® male to HDMI Type A male, 9 ft (2.7 m)

#### [DM-CBL-ULTRA-PC-20](#)

Ethernet LAN cable for touch screen, CAT6a, RJ-45-to-RJ-45, blue, 20 ft (6 m)

#### [UC-CAM-WMK](#)

Wall Mount Kit for Crestron Cameras

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### Crestron Mercury X Tabletop Conference System

<b>Touch Screen</b>	7 in. (178 mm) diagonal capacitive multi-touch TFT active matrix color LCD, 1280 x 800 pixels
<b>UI</b>	Zoom Rooms UI
<b>Mic Mute Symbol &amp; Light Bar</b>	(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
<b>AEC</b>	Limes Audio TrueVoice® acoustic echo cancellation, automatic mic mixing, automatic gain control, and dynamic noise reduction; full-duplex IEEE 1329 Type 1 compliant
<b>Speaker</b>	Full range speaker, 11 W amplifier power, 95 dB SPL at 0.5 m maximum output, 90 Hz to 22 kHz frequency response
<b>Microphones</b>	360° quad mic array, 20 ft (6 m) typical pickup range
<b>Extension Microphones</b>	Supports two mic pods, model <a href="#">CCS-UCA-MIC KIT</a> (sold separately)
<b>Occupancy Sensor</b>	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
<b>Ethernet</b>	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
<b>USB</b>	USB 2.0 micro Type B device port, supports UAC for audio interface to UC Engine (model UC-ENGINE-Z) (cable included)

<b>Power</b>	24 VDC via external 100-240 VAC, 50/60 Hz power pack, model <a href="#">PW-2420RU</a> (included)
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**NOTE:** The CCS-UC-1-X cannot be powered by Power over Ethernet (PoE+).

<b>Dimensions</b>	Height: 4.11 in. (105 mm) Width: 8.92 in. (227 mm) Depth: 12.74 in. (324 mm)
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<b>Weight</b>	5.5 lb (2.5 kg)
	Refer to the <a href="#">CCS-UC-1-X</a> specifications for additional information.

### Camera

<b>Model</b>	Huddly IQ
<b>Field of View</b>	150° diagonal, 120° horizontal, 90° vertical
<b>Connectivity</b>	Plug-and-play USB 3.1
<b>Resolution/FPS</b>	HD 1080p @ 30 fps
<b>Dimensions</b>	Height: 1.30 in. (33 mm) Width: 1.58 in. (40 mm) Depth: 2.82 in. (72 mm)
<b>Weight</b>	4.1 oz (115 g)
	Refer to the <a href="#">CCS-CAM-USB-F-400</a> specifications for additional information.

### UC Bracket Assembly

<b>Mini PC</b>	Intel Core® processor with Windows® 10 IOT Edition OS, 4K UHD Graphics, and 100/1000 Mbps Ethernet connectivity
<b>UC Client</b>	Zoom Rooms Software
<b>Management Client</b>	Crestron XiO Cloud Service
<b>USB</b>	USB 3.0 host supporting USB HID, UAC, and UVC for audio conference soundbar, camera, content ingest, and keyboard/mouse devices
<b>Content Ingest</b>	HDMI input via HDMI to USB 3.0 converter (model HD-CONV-USB-250)
<b>Display Output</b>	Single or dual display support
<b>Camera Input Resolution</b>	HD 1080p @ 30 fps
<b>Display Output Resolution</b>	4K UHD
<b>Power</b>	90 W via external 100-240 VAC, 50/60 Hz adapter (included)

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<b>Construction</b>	Metal mounting bracket, black, preassembled with UC Engine (model UC-ENGINE-Z) and USB to HDMI converter (model HD-CONV-USB-250)
<b>Mounting</b>	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 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
<b>Dimensions</b>	Height: 16.50 in. (419 mm) Width: 15.00 in. (381 mm) Depth: 1.27 in. (32 mm)

Refer to the [UC-ENGINE-Z](#), [HD-CONV-USB-250](#), and [UC-BRKT-150-Z-ASSY](#) spec sheets for additional specifications and compliances.

### Model

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### Available Accessories

#### CCS-UCA-SMK

Swivel Mount Kit

#### CCS-UCA-MIC KIT

Microphone Pods, set of 2

#### 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

#### 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.

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).

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