

UC-M50-T-UPGRD

Crestron Flex Medium Room Upgrade Solution with Microsoft Teams® Rooms



- *Upgrades a single Crestron Flex tabletop conference device to a complete video conference system*
- *Native Microsoft Teams® software provides a consistent, simple user experience with one-touch meeting joins*
- *Complete kit contains a collaboration camera, a UC bracket assembly and cables*
- *Easy to specify and install – no custom design, programming, or software installation required*
- *Optional integration with Crestron® control systems*
- *Direct connection option between UC Engine and Crestron Flex tabletop conference device for simple installation and configuration*
- *Network management and provisioning, system alerts, and the pairing of the Crestron Flex tabletop conference device to the system's UC Engine through the XiO Cloud® service*
- *Premium-level support with Crestron Flex Care (optional)*
- *Enterprise-grade security - connects and communicates securely over any enterprise or SMB network*
- *Supports single or dual video displays*

The UC-M50-T-UPGRD solution provides all of the necessary components to upgrade a deployed Crestron Flex tabletop conference device (CCS-UC-1, CCS-UC-1-AV, or CCS-UC-1-AV-PLUS) to a complete video conference system for use with the Microsoft Teams Rooms intelligent communications platform. It supports single or dual video displays¹ and features a collaboration camera, a UC Bracket Assembly and cables.

Native Microsoft Teams® Rooms Experience

The UC-M50-T-UPGRD system brings the full Microsoft Teams Rooms UC experience to any meeting space in an enterprise or SMB facility.

Simplified Deployment

The UC Bracket Assembly (UC-BRKT-200-S-T-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. Crestron's direct connection method further simplifies installation with a single connection from the to the UC Bracket Assembly.²

High-Definition Video Conferencing

The included 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.

Crestron Control System Integration

The UC-M50-T-UPGRD can integrate with a Crestron control system to enable touch screen control of room lighting, motorized window shades, climate control, AV, and other amenities.³

Enterprise-Grade Security

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

Easy Provisioning and Device Management

The XiO Cloud service⁴ is an IoT cloud based provisioning service that enables installers and IT managers to deploy and manage thousands of devices easily. 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 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 for additional information.

Dual Control Option

A TS- or TSW- series 7 in. or 10.1 in. touch screen may be added to the solution as an additional control point for the Microsoft Teams Rooms environment.^{2, 4}

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Deployment Resources

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

Specifications

Included Components

UC-BRKT-200-S-T-ASSY	UC Bracket Assembly for Microsoft Teams Rooms systems, comprised of: <ul style="list-style-type: none">UC-ENGINE-S-T: UC Engine for Microsoft Teams videoHD-CONV-USB-200: HDMI® to USB 3.0 converter for content ingestMounting hardwareEDID Passthroughs: (2) HDMI Female-to-Male
CCS-CAM-USB-F-400 CBL-4K-DP-HD-6	Collaboration Camera DisplayPort™ to HDMI Cable, 6 ft (1.8 m)
CBL-CAT5E-7	Ethernet LAN cable for UC Engine, RJ45-to-RJ45, black, 7 ft (2.1 m)
CBL-HD-6	HDMI Interface Cable, 6 ft (1.8 m)
CBL-HD-20	HDMI Interface Cable, 20 ft (6.1 m)
CBL-USB-A-EXT-15	USB Extension Cable, USB Type A Male-to-Female, 15 ft (4.6 m)
CBL-USBC-USBA-6	USB 3.0 Cable, Right angle USB-C® to A, 6 ft (1.8 m)
DM-CBL-ULTRA-PC-20	Ethernet LAN cable, CAT6a, RJ45-to-RJ45, blue, 20 ft (6.1 m)
UC-CAM-WMK	Wall Mount Kit for Crestron® Cameras

Camera

Image Sensor	12 Megapixel 1/2.3 CMOS sensor
Lens	High precision, ultra wide angle, six element aspherical glass lens
Field of View	150° diagonal, 120° horizontal, 90° vertical
Aperture	f/2.8
Autozoom	Genius Framing automatic lossless digital zoom intelligently frames around people in the room

Connectivity	Plug-and-play USB 3.1
Resolution/FPS	HD 1080p @ 30 fps
Dimensions	Height: 1.40 in. (36 mm) Width: 1.60 in. (41 mm) Depth: 2.82 in. (72 mm)
Weight	4.2 oz (120 g)

UC Bracket Assembly

Mini PC	Intel Core® processor with Windows® 10 IOT Edition OS and 100/1000 Mbps Ethernet connectivity
UC Client	Microsoft Teams Rooms with Skype® for Business software functionality
Management Client	XiO Cloud Service
Content Ingest	HDMI input via HDMI to USB 3.0 converter (model HD-CONV-USB-200)
Display Output	Single or dual display support ¹
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-S-T and HD-CONV-USB-200
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
Dimensions	Height: 15.00 in. (381 mm) Width: 14.50 in. (368 mm) Depth: 1.72 in. (44 mm)
Weight	6.64 lb (3 kg)

Models

UC-M50-T-UPGRD
Crestron Flex Medium Room Upgrade Solution with Microsoft Teams® Rooms

UC-M50-Z-UPGRD
Crestron Flex Medium Room Upgrade Solution with Zoom Rooms™ Software

UC-M50-T-UPGRD

Crestron Flex Medium Room Upgrade Solution with Microsoft Teams® Rooms

UC-MX50-T-UPGRD

Crestron Flex Advanced Medium Room Upgrade Solution with Microsoft Teams® Rooms

UC-MX50-Z-UPGRD

Crestron Flex Advanced Medium Room Upgrade Solution with Zoom Rooms™ Software

Available Accessories

For a list of available accessories, visit the [UC-M50-T-UPGRD](#) product page.

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. Only one control device may be connected via direct connection method.
3. 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.
4. 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 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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UC Bracket Assembly (UC-BRKT-200-S-T-ASSY)

