

UC-ENGINE-BRKT-T-UPGRD-BRKTX

Crestron Flex Standard to Advanced Room Upgrade Solution with Microsoft Teams® Rooms Software



- Upgrade a standard UC-B/MM/C series room solution to an advanced BYOD Microsoft Teams® Rooms solution.
- Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Microsoft Teams® platform
- Native Microsoft Teams® software provides a consistent, simple user experience with one-touch meeting joins
- Complete kit contains a UC bracket assembly, UC presentation transmitter, 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 or touch screen for simple installation and configuration
- Network management and provisioning and system alerts 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-ENGINE-BRKT-T-UPGRD-BRKTX solution provides all of the necessary components to upgrade a standard UC-B/MM/C series small or custom room solution to an advanced BYOD Microsoft Teams® Room solution. It supports single or dual video displays¹ and features a UC Bracket Assembly, UC presentation transmitter, and cables.

Native Microsoft Teams® Rooms Experience

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

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 platform when disconnected.² For a list of BYOD tested devices on the UC-PR, refer to [OLH Article 1000889](#). A licensed Microsoft Teams Rooms account is required to use BYOD functionality.

Simplified Deployment

The UC Bracket Assembly 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 Flex tabletop conference device or touch screen to the UC Bracket Assembly.³

Crestron Control System Integration

The UC-ENGINE-BRKT-T-UPGRD-BRKTX can integrate with a Crestron control system to enable touch screen control of room lighting, motorized window shades, climate control, AV, and other amenities.⁴

Enterprise-Grade Security

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

Easy Provisioning and Device Management

The XiO Cloud service⁵ 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 can be renewed annually for up to 5 years from the ship date. It includes 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.^{3, 5}

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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-260-P-T-ASSY	UC Bracket Assembly comprised of: • UC Engine: Mini PC with Microsoft Teams video • ADPT-USB-ENET: USB-to-Ethernet Adapter • HDMI® over CAT5 to USB 3.0 converter for content ingest • Mounting hardware
UC-PR	UC Presentation Transmitter with Cable Organizer
CBL-4K-DP-HD-6	DisplayPort™ to HDMI Cable, 6 ft (1.8 m); secondary display
DM-CBL-ULTRA-PC-20	Ethernet LAN cable, CAT6a, RJ45-to-RJ45, blue, 20 ft (6.1 m)

UC Bracket Assembly

UC Engine	Mini PC, Intel Core® processor with Windows® 11 IOT Edition OS and 100/1000 Mbps Ethernet connectivity
UC Client	Microsoft Teams Rooms
Management Client	XiO Cloud Service
Content Ingest	HDMI input via CAT5 to USB 3.0 converter
Display Output	Single or dual display support ¹
Display Output Resolution	16:9 with 1920x1080 resolution (single and dual display modes) or 21:9 with 2560x1080 resolution (single display mode)
Power	UC Engine: 100-240VAC, 50/60 Hz adapter (included); CAT5 to USB 3.0 converter: 24VDC via external 100-240VAC, 50/60 Hz adapter (included)

Construction

Metal mounting bracket, black, preassembled with UC Engine (UC-ENGINE-P-T) and CAT5 to USB 3.0 content ingest device

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)
Maximum Depth: 1.87 in. (48 mm)

Maximum Weight

8.0 lb (3.7 kg)

UC Presentation Transmitter (UC-PR)²

Video Input Signal Types	HDMI, DisplayPort™ 1.2 via USB-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-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; ACC: (1) USB 3.0 Type B connector; For firmware loading only; USB A: (1) USB 2.0 Type A connector; USB B: (1) USB 2.0 Type B connector; USB: (1) USB 2.0 Type-C connector; HDMI IN: (1) HDMI Type A; To RX: (1) 8-pin RJ-45 connector; Power Jack: (1) DC power connector; LAN: (1) 8-pin RJ-45 connector; Ground: (1) 6-32 screw

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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, 6A, 100-240VAC
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)

Available Accessories

For a list of available accessories, visit the [UC-ENGINE-BRKT-T-UPGRD-BRKTX](#) 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. The UC-PR uses a USB-C 2.0 connection to provide content sharing, BYOD support, and charging for a user's device. Because USB-C supports multiple functions, device compatibility often varies. While some devices can accept power and data through the same USB-C connection, others cannot. The USB-C port on the UC-PR (labelled "USB") uses DisplayPort alternate mode for transporting video signals. Consult the connected device's user manual or manufacturer to ensure that the device supports DisplayPort alternate mode. Some devices that support DisplayPort alternate mode may not support device charging. For a list of tested devices, refer to [OLH Article 1000889](#). USB-C transfer speeds may vary based on the connected device's processing speed, system configuration, the operating environment, and/or other factors. If the user's device does not support USB-C, then a combination of HDMI and USB B may be used for content sharing or BYOD functionality as described in the [Crestron Flex Unified Communications Solutions Product Manual](#). A licensed Microsoft Teams Rooms account is required to use BYOD functionality.
3. Only one control device may be connected via direct connection method.
4. 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.
5. 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 contact us for additional information by visiting <https://www.crestron.com/contact/our-locations> for your local contact.

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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Specifications are subject to change without notice.

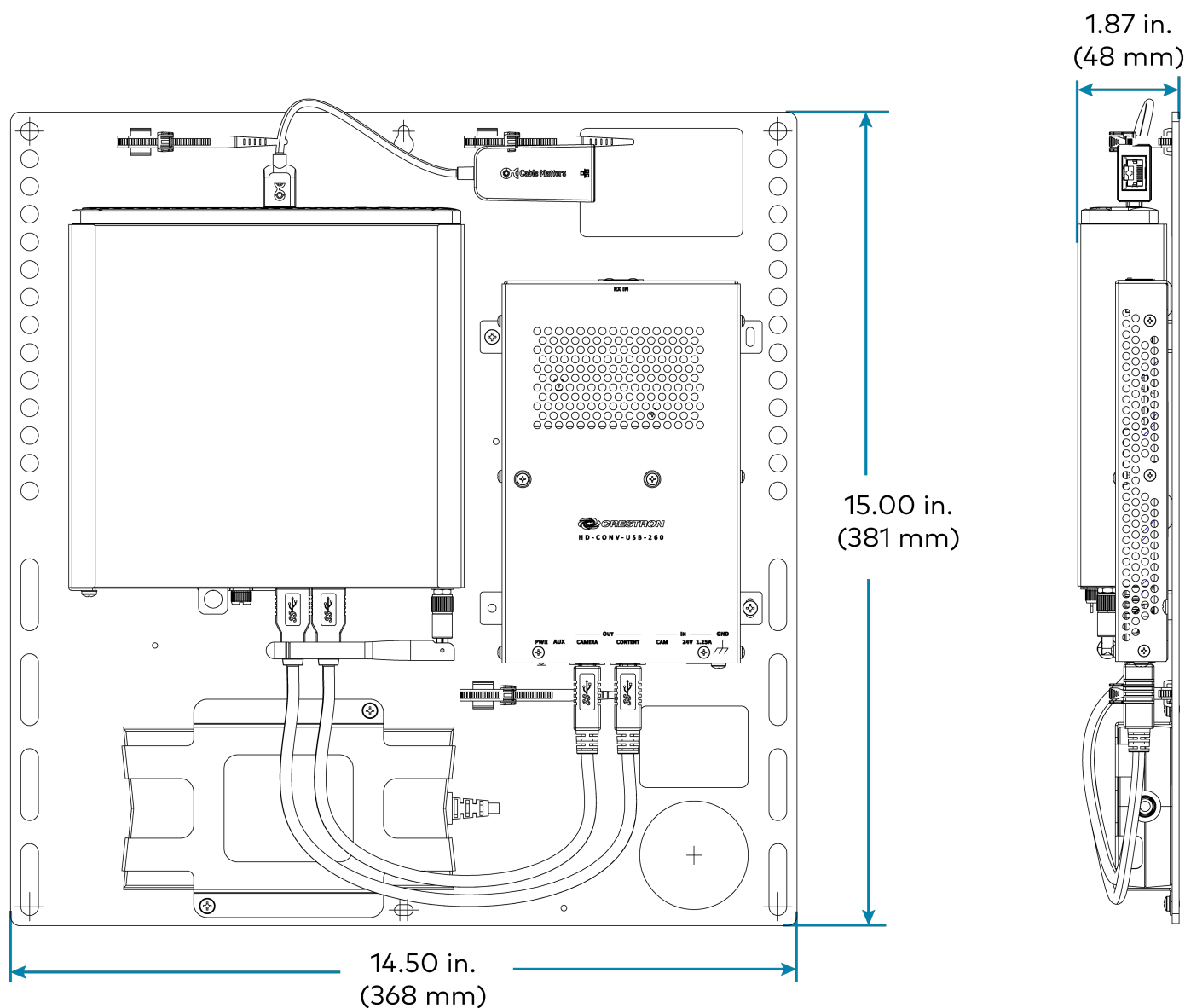
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UC Bracket Assembly (UC-BRKT-260-P-T-ASSY)



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UC Presentation Transmitter (UC-PR)

