

UC-ENGINE-BRKTX-PRO-Z-UPGRD

Crestron Flex Standard to Advanced Room Upgrade Pro Solution with Zoom Rooms® Software



- *Upgrades a Crestron Flex standard room solution to an advanced BYOD Zoom Rooms® solution*
- *Native Zoom Rooms software provides a consistent user experience with simple operation and one-touch meeting joins*
- *Network management and provisioning and system alerts through the XiO Cloud® service*
- *Supports up to three video displays*
- *Present, call, conference, and collaborate using your own device's UC conference platform (BYOD) or the native Zoom Rooms platform*
- *Easy to specify and install – no custom design, programming, or software installation required*
- *Enterprise-grade security – connects and communicates securely over any enterprise or SMB network*
- *Premium level support with Crestron Flex Care (optional)*

The UC-ENGINE-BRKTX-PRO-Z-UPGRD solution provides a customizable video conference solution for small to advanced room with Zoom Rooms® software. It supports up to three video displays¹ (not included), three cameras (not included) and features a UC presentation transmitter. Zoom Rooms certified USB cameras (such as Crestron [IV-CAMHK-12-SLVR-1B](#), [IV-CAM-P12](#), [IV-CAM-I12-B](#), [IV-CAM-I20](#) and [IV-CAM-P20](#)) may be used.

Native Zoom Rooms Software Experience

The conferencing solution features Zoom Rooms conferencing software that enables audio and video connectivity for easy collaboration and content sharing. It is compatible with Multi-camera, Multi-stream and Intelligent Director functions.

Bring Your Own Device (BYOD)

Conference room visitors can connect their laptops 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 Zoom 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.

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 service³ is an IoT cloud-based provisioning service (available separately) 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 updates.

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 detailed terms and conditions and 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

UC-BRKT-260-PRO-Z-ASSY	UC Bracket Assembly for Zoom Rooms systems, comprised of: <ul style="list-style-type: none">UC-Engine-Pro: Dell i7 Mini PC with Zoom Rooms videoHDMI® to USB 3.0 converter for content ingestMounting hardware
CBL-4K-DP-HD-6	DisplayPort™ to HDMI Cable, 6 ft (1.8 m); secondary display
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); primary display
DM-CBL-ULTRA-PC-20	Ethernet LAN cable, CAT6a, RJ-45-to-RJ-45, blue, 20 ft (6.1 m)

UC Bracket Assembly

UC Engine Pro	Mini PC, Intel Core® i7 processor, 12th Generation with Windows® 11 IoT Edition OS and 100/1000 Mbps Ethernet connectivity
UC Client	Zoom Rooms software
Management Client	XiO Cloud Service
Content Ingest	HDMI input via CAT5 to USB 3.0 converter
Display Output	Up to three displays support
Display Output Resolution	1080p
Power	UC Engine: 100-240VAC, 50/60 Hz adapter (included); Content ingest device: 24VDC via external 100-240VAC, 50/60 Hz power pack (included)
Construction	Metal mounting bracket, black, preassembled with UC Engine and 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) Depth: 1.87 in. (48 mm)
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, autoswitching, autonegotiating, autodiscovery 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
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

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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

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Available Accessories

For a list of available accessories, visit the [UC-ENGINE-BRKTX-PRO-Z-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. 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 in the Crestron Flex Unified Communications Solutions Product Manual. A licensed Zoom Rooms account is required to use BYOD functionality.
3. The XiO Cloud service is a room based subscription service available separately.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

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.

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Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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HDMI

Specifications are subject to change without notice.

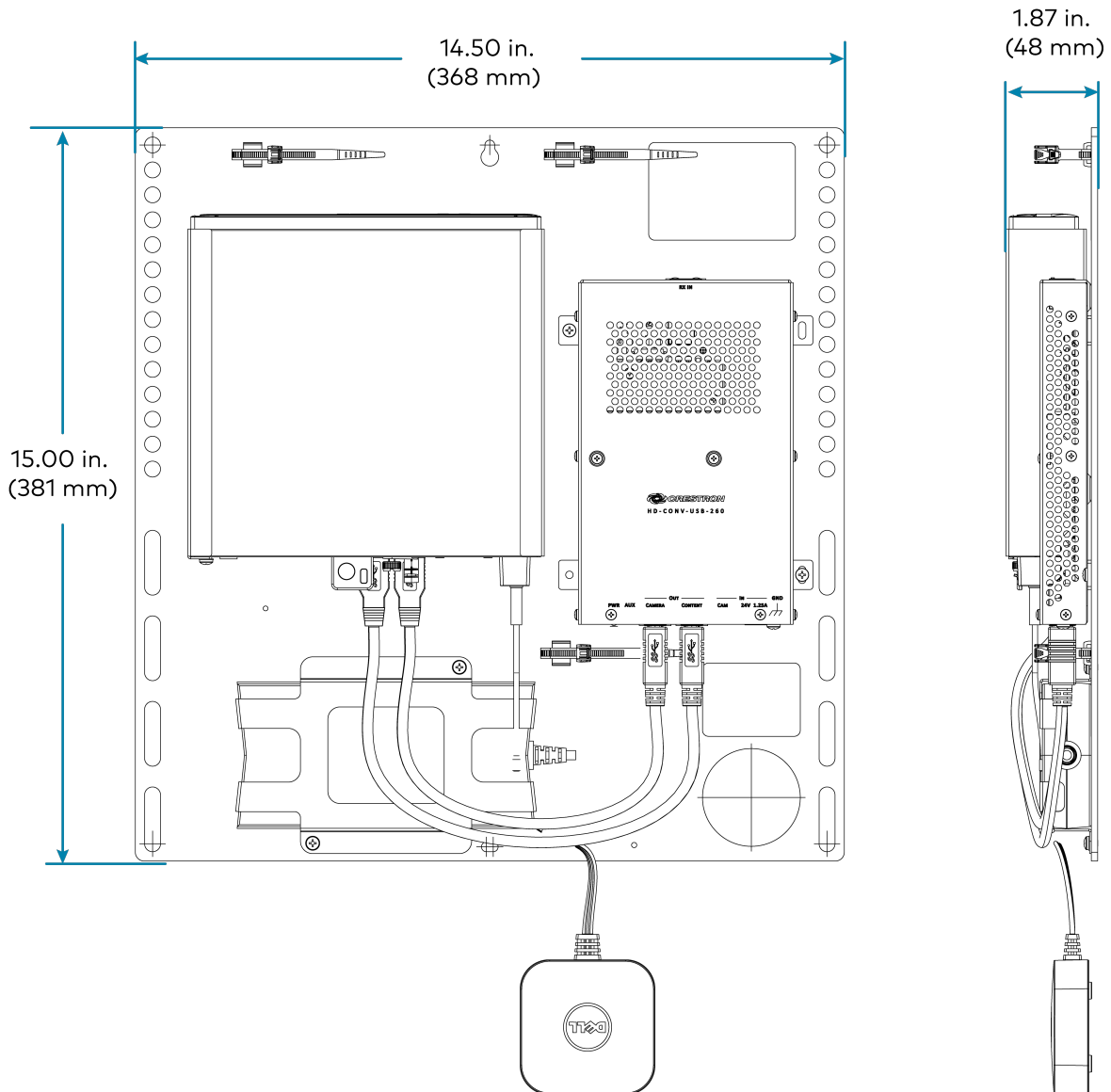
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UC Bracket Assembly (UC-BRKT-260-PRO-Z-ASSY)



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UC Presentation Transmitter (UC-PR)

