

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

The UC-MX50-Z-UPGRD solution provides all of the necessary components to upgrade a deployed Crestron Flex tabletop conference device and camera to a complete video conference system for use with Zoom Rooms™ software. It supports single or dual video displays and features a UC bracket assembly, cables, and power supplies.

Minimum Requirements:

- A Crestron Flex tabletop conference device and camera solution ([CCS-UC-1-X KIT](#))
- A video display connected to the UC Engine. A second display is optional.
- A Zoom Rooms account or activation code



In the Box

UC Bracket Assembly

- 1 UC Bracket Assembly with UC Engine and HDMI® or AV over CAT5 content ingest (6511477)
- 2 Anchor, Drywall, Plastic, 3/8 in. x 1/2 in. (2052565)
- 2 EDID passthrough (2055728)
- 1 Key, Anchor (4529654)
- 1 Power pack (2045870)
- 2 Screw, 8-AB x 1-1/2 in., Pan Head, Combo (2052567)
- 4 Tie Wrap (2047935)

Additional Items

- 1 Camera wall mount kit (6510998)
- 1 Cable, CAT5e, RJ-45 - RJ-45, 7 ft (2.1 m) (6509924)
- 1 Cable, DisplayPort™ to HDMI, 6 ft (1.8 m) (6508282)



Configure the Conference Device

Prior to making system connections, deployed conference devices must be configured to operate as part of a complete Zoom Rooms system. Some deployed conference devices may be operating in Crestron Default mode. Ensure that the conference device operates in Zoom Rooms mode, and update the Zoom Rooms controller software as described below.

To configure the conference device:

1. On a computer, open a web browser to the IP address displayed on the conference device.

NOTES:

- The device and computer must be on the same network switch and VLAN.
- A login with administrative rights for the device is required.

2. Log in to the device and navigate to **DEVICE > Applications**.
3. From the **Application Mode** drop down menu, select **Zoom Rooms**.
4. Click **Save Changes**. The conference device will reboot in Zoom Rooms mode and log out all users.
5. Log in to the device and navigate to **DEVICE > Device Management**.
6. In the **Maintenance** section, select **Restore** to reset the device to the factory default settings. All users are logged out of the device.
7. Log in to the device and navigate to **DEVICE > Applications**.
8. From the **Application Upgrade** menu, select **Update Now** to update the Zoom Rooms controller software.

For system configuration, refer to [Configure](#).

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Mount Devices

Mount the UC Bracket Assembly

Mount the UC Bracket Assembly to VESA® compliant display devices, a wall, or other building structure. Anchors and screws are supplied for installation on walls 3/8 in. to 3/4 in. thickness.

CAUTION: The bracket assembly has preconnected cables and devices. **DO NOT DISCONNECT ANY DEVICES OR CABLES THAT ARE ALREADY CONNECTED.**

NOTE: The integrated cable tie wraps are reusable. Avoid damaging the cable tie wraps.

Mount the Camera

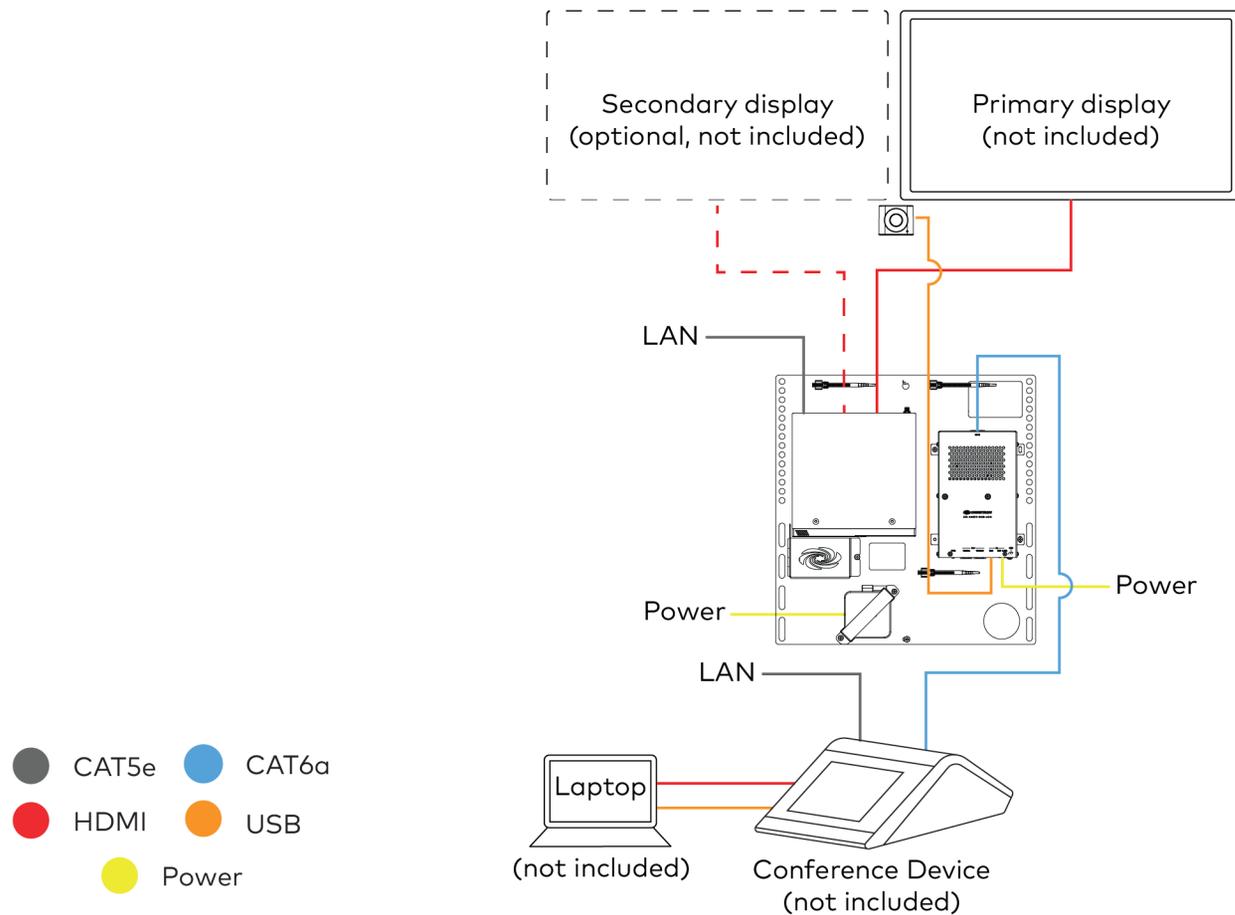
Mount the camera included with the conference device according to the [UC-CAM-WMK Quick Start](#) (Doc. 8257).

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System Overview

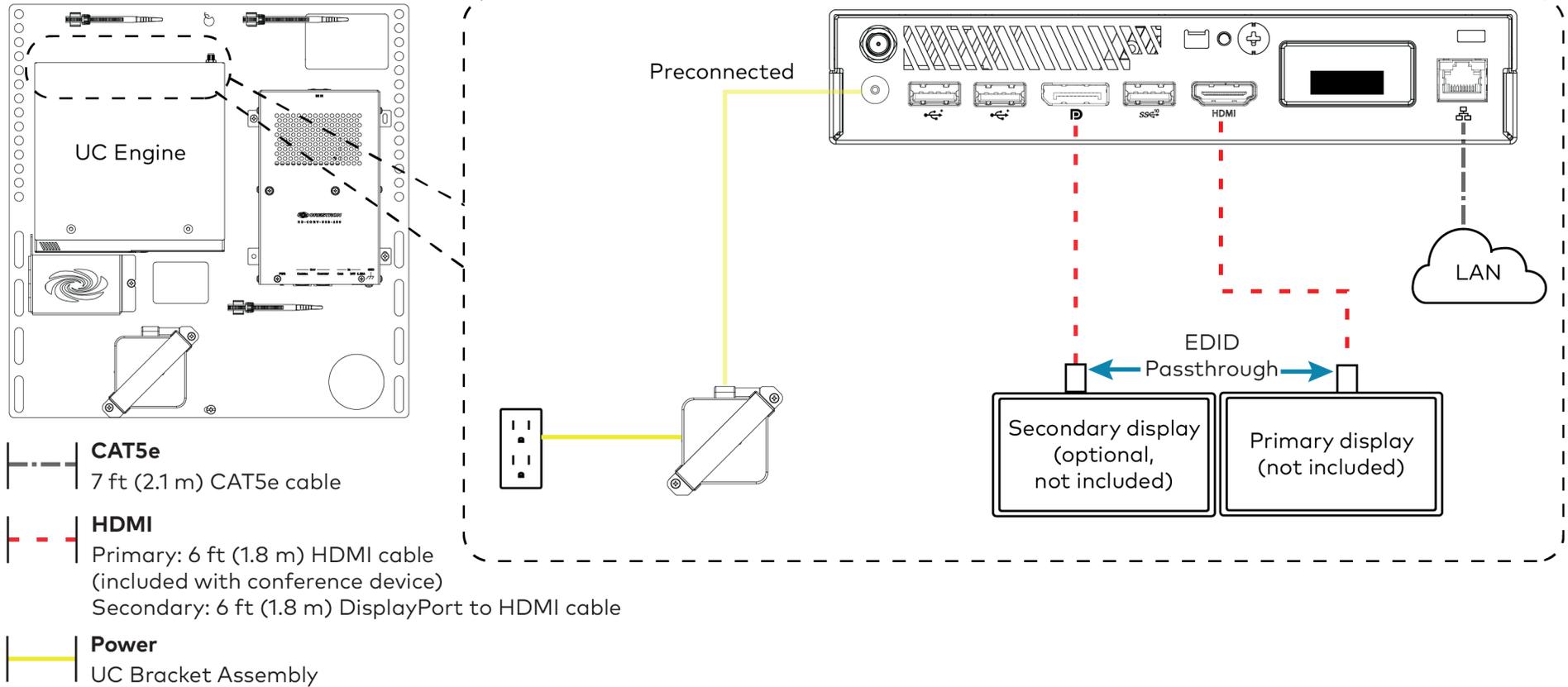
When connections are complete, the system appears as shown below. Refer to [Make Connections](#) for detailed connection instructions.



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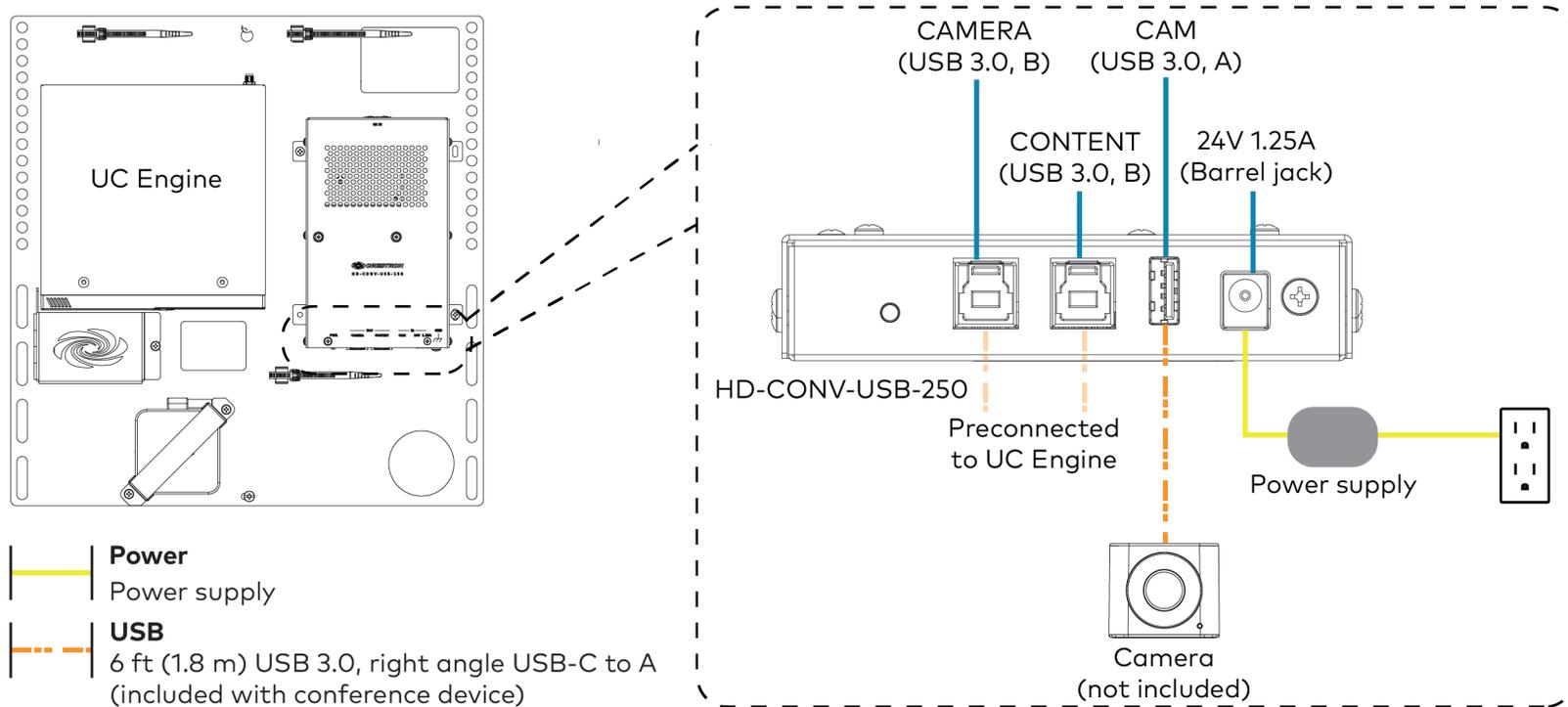
Make Connections

1. Make UC Engine connections as shown in the following illustration.



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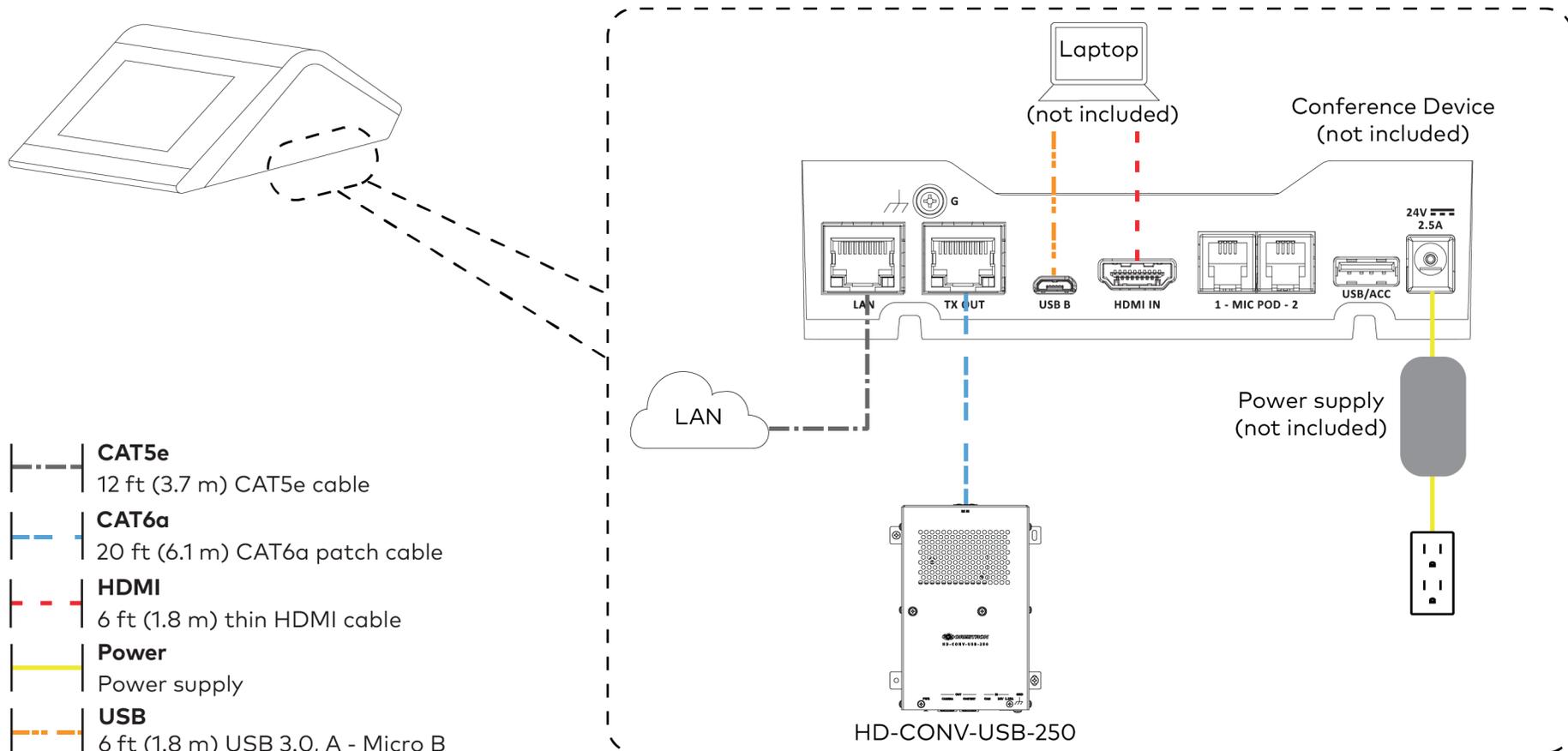
2. Connect the power supply and camera to the bottom of the content ingest device (HD-CONV-USB-250).



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3. Make network, content ingest (HD-CONV-USB-250), laptop, and power supply connections to the conference device (not included).

NOTE: If a longer cable between the conference device and the HD-CONV-USB-250 is needed, use only a DigitalMedia™ Ultra cable. The maximum supported cable length is 300 ft.



- CAT5e**
12 ft (3.7 m) CAT5e cable
- CAT6a**
20 ft (6.1 m) CAT6a patch cable
- HDMI**
6 ft (1.8 m) thin HDMI cable
- Power**
Power supply
- USB**
6 ft (1.8 m) USB 3.0, A - Micro B

(All cables are included with the conference device)

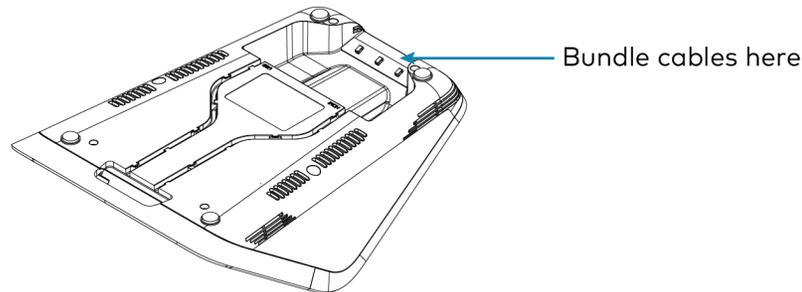
4. Bundle the cables to the bracket assembly with the integrated cable tie wraps. The cable tie wraps are reusable.

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Bundle Cables

Bundle the cables together and use a provided tie wrap to secure the bundle to one of the positions on the cable retention plate at the rear of the device. Avoid bundling power and data cables together.



Configure

Apply Power

Press the power button on the bottom of the UC Engine and apply power to all of the other devices in the system. The connected display device will show a pairing code.

Log In to the Zoom Rooms Service

Use the conference device to sign in to the Zoom Rooms service using an activation code or a Zoom Room Sign-In.

1. Enter the pairing code shown on the display to pair the device with the UC Engine. The Zoom Rooms controller app is displayed.

2. Log in to the Zoom Rooms service with an activation code or Zoom Rooms Credentials (email and password).
 - **Activation Code:**
 - a. Tap **Enter Activation Code**.
 - b. Enter the 16-digit activation code provided by the administrator to activate the Zoom Room that is assigned to the activation code. The Zoom Rooms Conference Room screen is shown on the display.
 - **Sign In:**
 - a. Tap **Sign In**.
 - b. Enter the Zoom Room credentials and tap **Sign In**.
 - c. Select the conference room name from the list and tap **Next**. The Zoom Rooms Conference Room screen is shown on the display.
3. Tap **Settings**. If a password is required, enter the password (the default password is "1234"). The **Settings** screen is displayed.
4. Tap **Microphone** and select the conference device as the source.
5. Tap **Speaker** and select the conference device as the source.
6. Tap **Meet Now** to exit.

Configure the System

Connect a USB keyboard and mouse (sold separately) to a USB port on the UC Engine to configure system features. For detailed information on using Zoom Rooms, refer to the [Zoom Rooms Help Center](#).

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Visit the Product Page

Scan the QR code to visit the product page.

UC-MX50-Z-UPGRD



www.crestron.com/model/6511959

Additional Information

Original Instructions

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

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