

Crestron Flex Tabletop Medium Room Video Conference System for Microsoft Teams® Rooms

The UC-M50-T Crestron Flex tabletop conferencing system provides a medium room video conference solution for use with Microsoft Teams® Rooms software. It supports single or dual video displays and features a Crestron Flex tabletop conference device, UC bracket assembly, and an collaboration camera.

Minimum Requirements:

- A video display (not included) connected to the UC Engine. A second display is optional.
- A Microsoft Teams Rooms provisioned account (not included)



In the Box

Tabletop Conference Device

- 1 Tabletop Conference Device, Microsoft Teams video (6510716)
- 1 Cable, CAT5e, RJ-45 - RJ-45, 12 ft (3.7 m) (2033988)
- 1 Cable Retention Plate (2047908)
- 3 Tie Wrap (2047935)

UC Bracket Assembly

- 1 UC Bracket Assembly with UC Engine and HDMI® content ingest (UC-BRKT-200-S-T-ASSY, 6512689)
- 2 Anchor, Drywall, Plastic, 3/8 in. x 1/2 in. (9.5 mm x 12.7 mm) (2052565)
- 1 Key, Anchor (4529654)
- 2 Screw, 8-AB x 1-1/2 in. (38.1 mm), Pan Head, Combo (2052567)
- 4 Tie Wrap (2047935)

Additional Items

- 1 Collaboration camera (6510482)
- 1 Camera wall mount kit (6510998)
- 1 Cable, CAT6a, RJ-45 - RJ-45, 20 ft (6.1 m) (6507640)
- 1 Cable, CAT5e, RJ-45 - RJ-45, 7 ft (2.1 m) (6509924)
- 1 Cable, DisplayPort™ to HDMI, 6 ft (1.8 m) (6508282)
- 1 Cable, HDMI, 20 ft (6.1 m) (6503567)
- 1 Cable, HDMI, 6 ft (1.8 m) (6503565)
- 1 Cable, USB 2.0, A - Micro-B, 6 ft (1.8 m) (6510947)
- 1 Cable, USB 3.0, Right angle USB-C® to A, 6 ft (1.8 m) (6511591)
- 1 Cable, USB Extension, USB Type A Male-to-Female, 15 ft (4.6 m) (6508260)
- 1 Power supply (6500187)

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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. (9.5 mm) to 3/4 in. (19 mm) thickness.

CAUTION: Preinstalled screws may protrude from the back of the UC Bracket Assembly. Exercise caution when handling the UC Bracket Assembly to avoid scratching or damaging surfaces.

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

Mount the Camera

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



Install the Cable Retention Plate

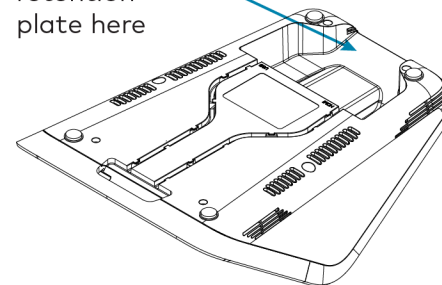
The included cable retention plate provides tie-down points for cables that connect to the Crestron® conference device.

Remove the adhesive backing from the cable retention plate and install the plate on the underside of the conference device as shown in the following diagram. Ensure the cable retention plate is firmly attached before securing cables.

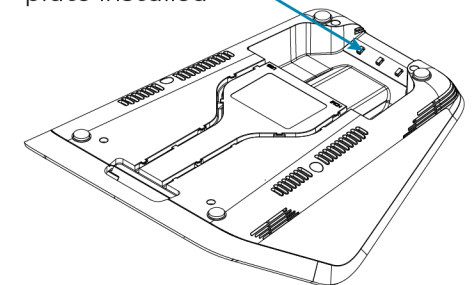
CAUTION: When turning over the device, place the device on a soft surface to avoid damage.

NOTE: If a swivel mount kit ([CCS-UCA-SMK](#)) is to be used, use the cable retention bracket included with the swivel mount kit as described in the [CCS-UCA-SMK DO Guide](#) (Doc. 7882).

Install cable retention plate here



Cable retention plate installed



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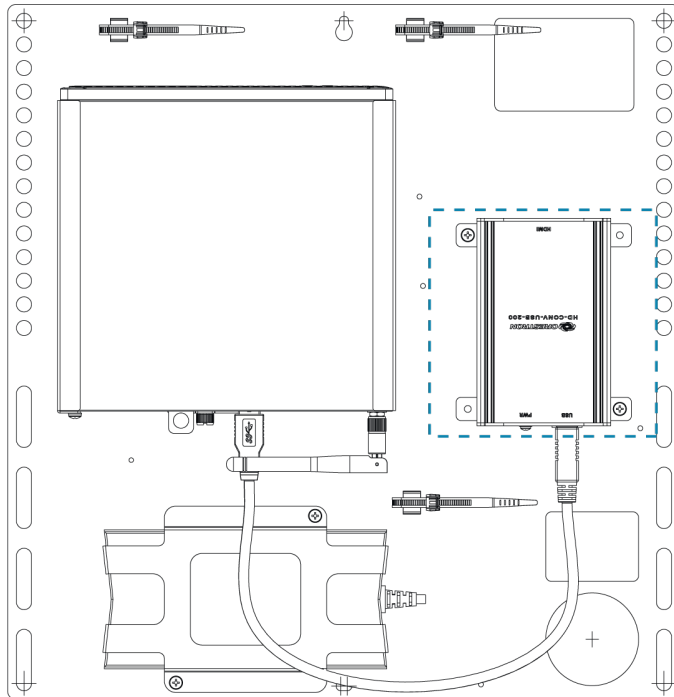


Connect

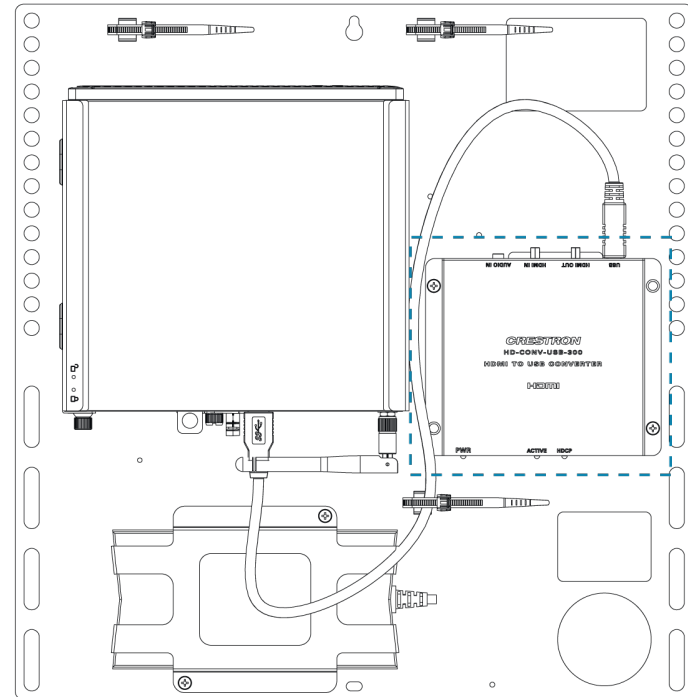
Identify the UC Bracket Assembly

The UC Bracket Assembly is available in two models. Identify the model included with your Crestron Flex system. Tap or click the corresponding image below to navigate to the appropriate connection instructions.

UC Bracket Assembly with HD-CONV-USB-200



UC Bracket Assembly with HD-CONV-USB-300

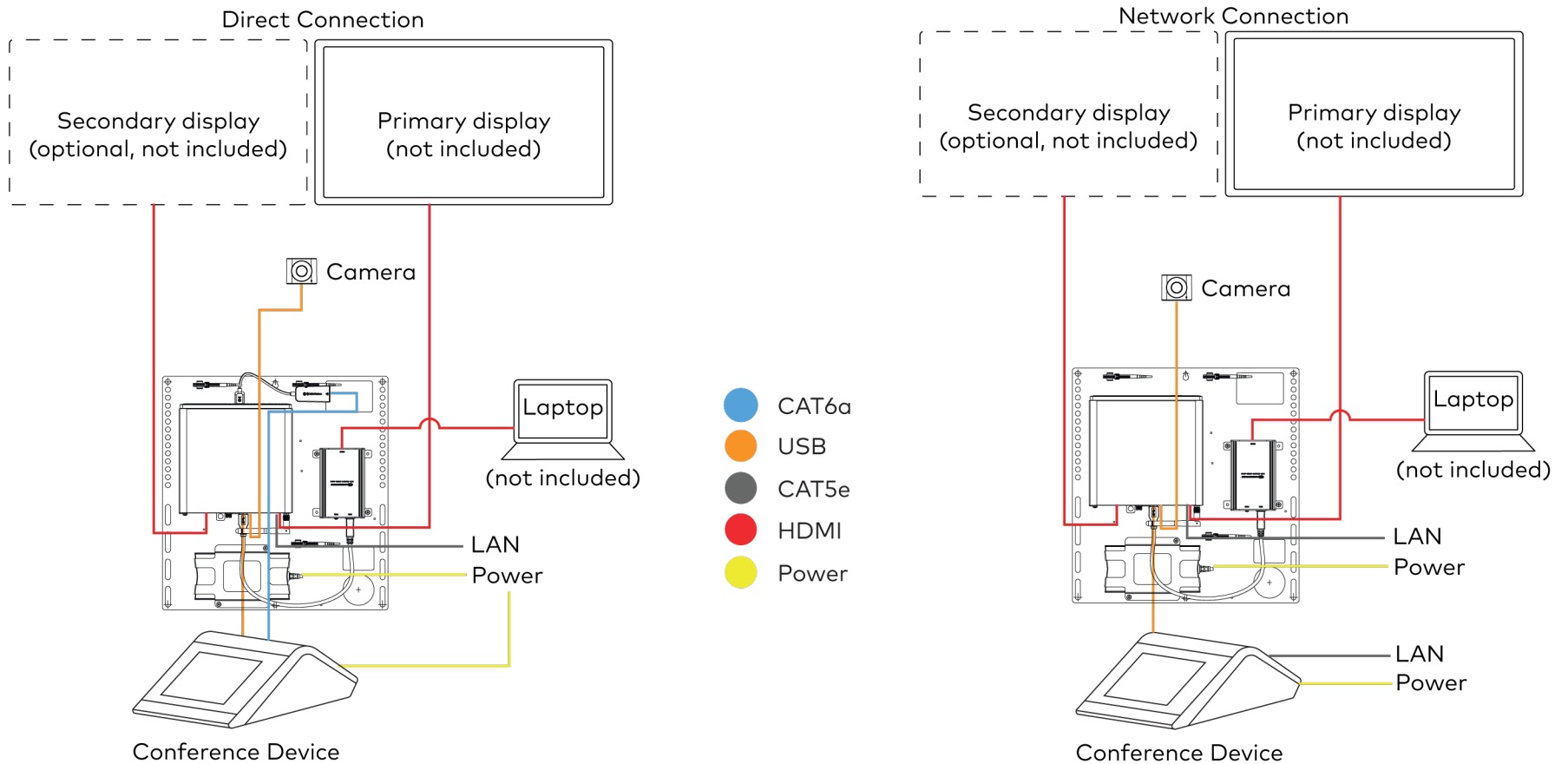


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System Overview

For UC Bracket Assembly with HD-CONV-USB-200

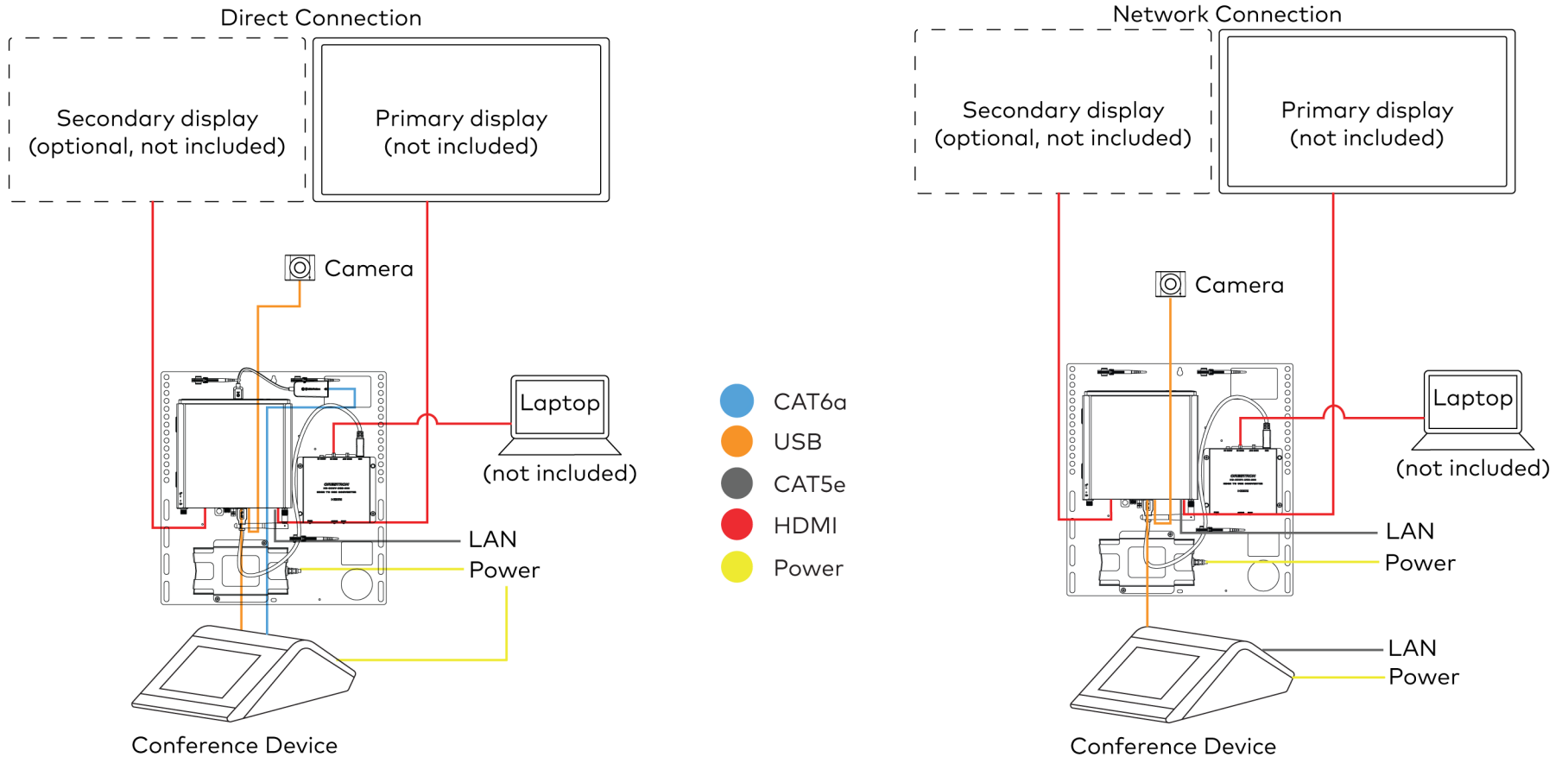
When connections are complete, the system appears as shown below. Refer to [Make Connections](#) for detailed connection instructions.



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For UC Bracket Assembly with HD-CONV-USB-300

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



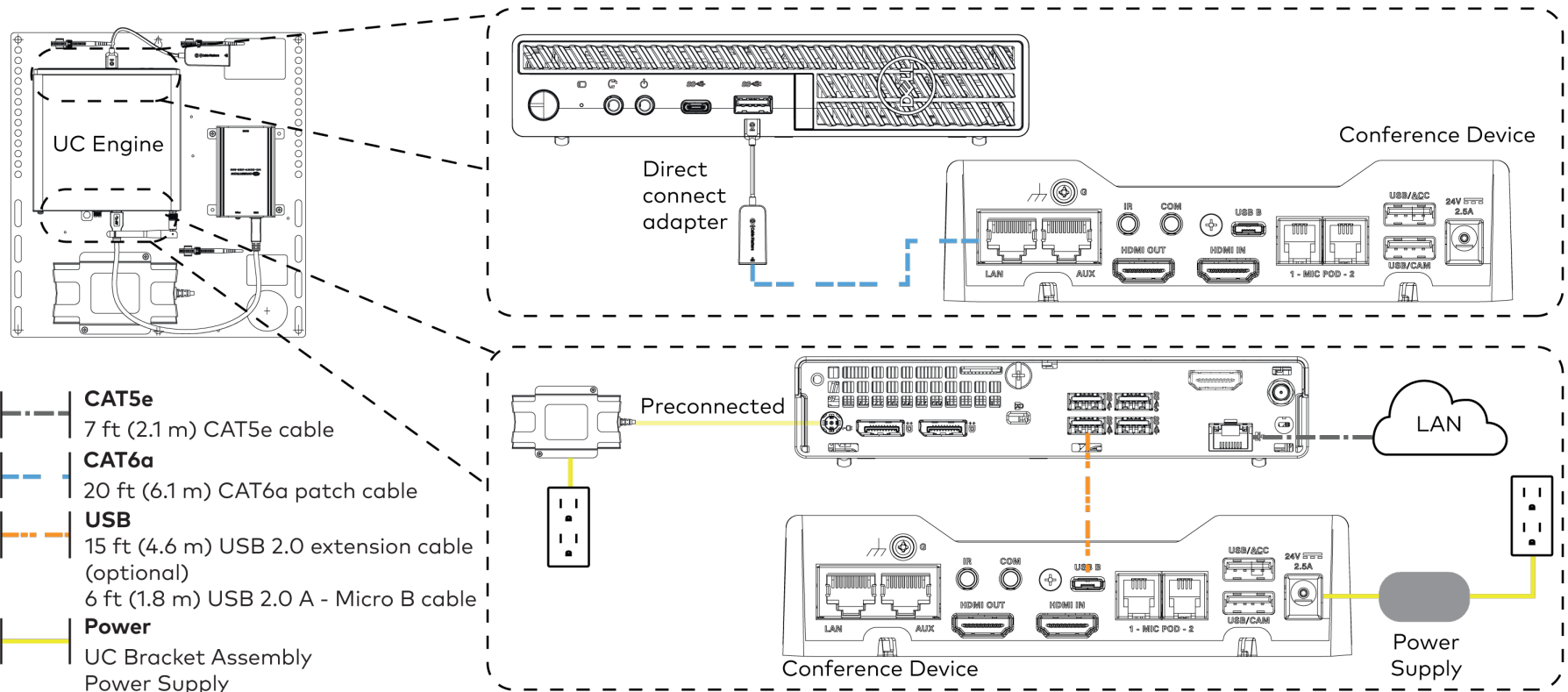
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Make Connections

NOTE: For reference, the UC Bracket Assembly is shown with the HD-CONV-USB-200 in the following connection diagrams. Unless otherwise indicated in this guide, the connections remain the same for the UC Bracket Assembly with HD-CONV-USB-200 and HD-CONV-USB-300.

1. Make UC Engine connections as shown in the following illustrations. The conference device can communicate with the UC Engine over a direct connection or a network connection. Select one of the connection types as described below.
 - Make a direct connection for simple installation and setup. Only use the direct connect adapter to connect the conference device to the UC Engine. Do not use the direct connect adapter to connect the UC Engine to the network.

Direct Connection

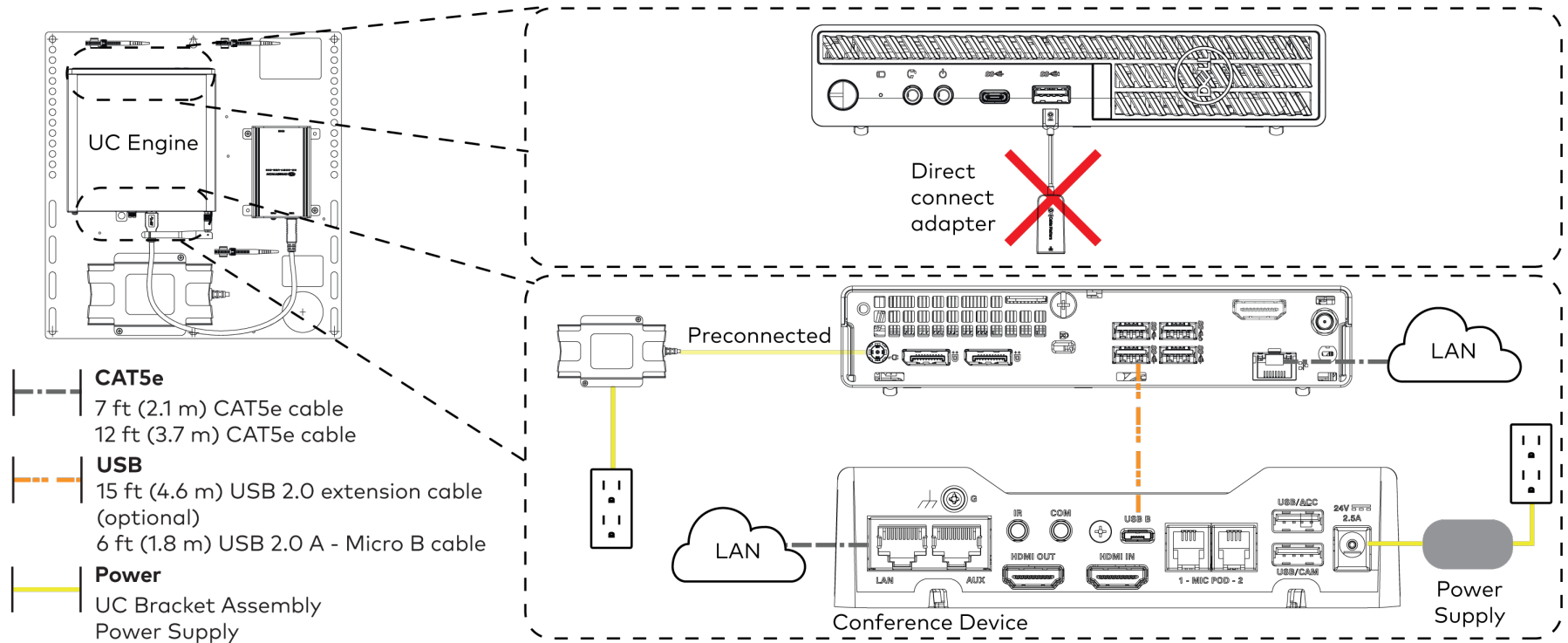


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- Make a network connection if the system is to be managed by the XiO Cloud® service.

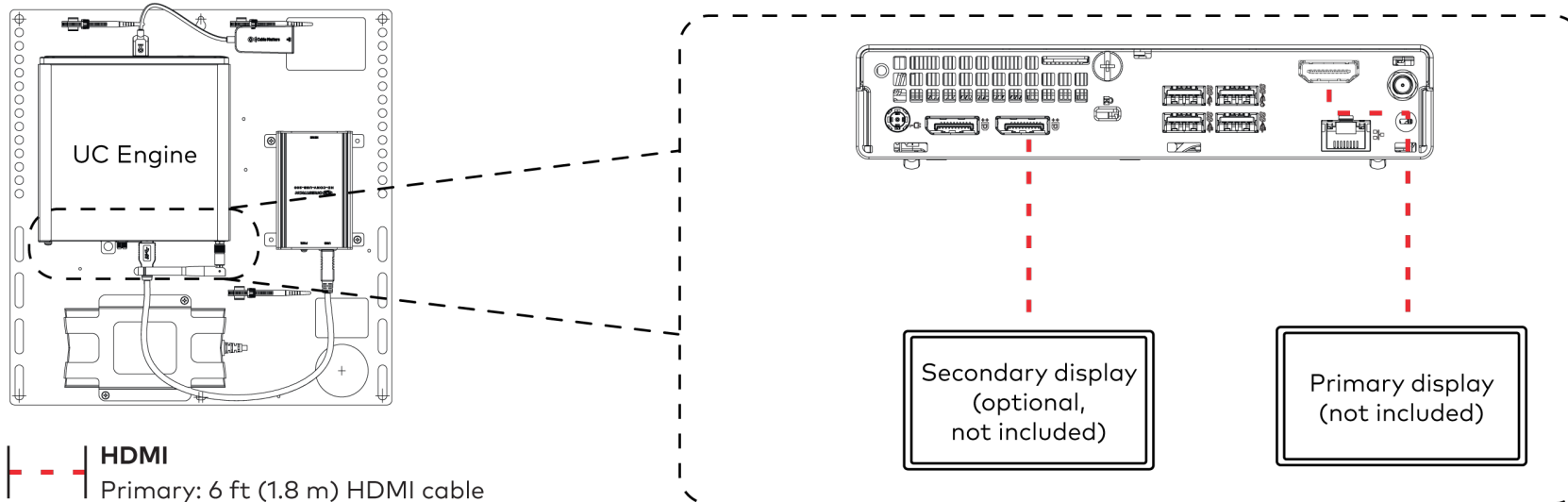
NOTE: When a network connection is used, disconnect the direct connect adapter from the UC Engine.

Network Connection



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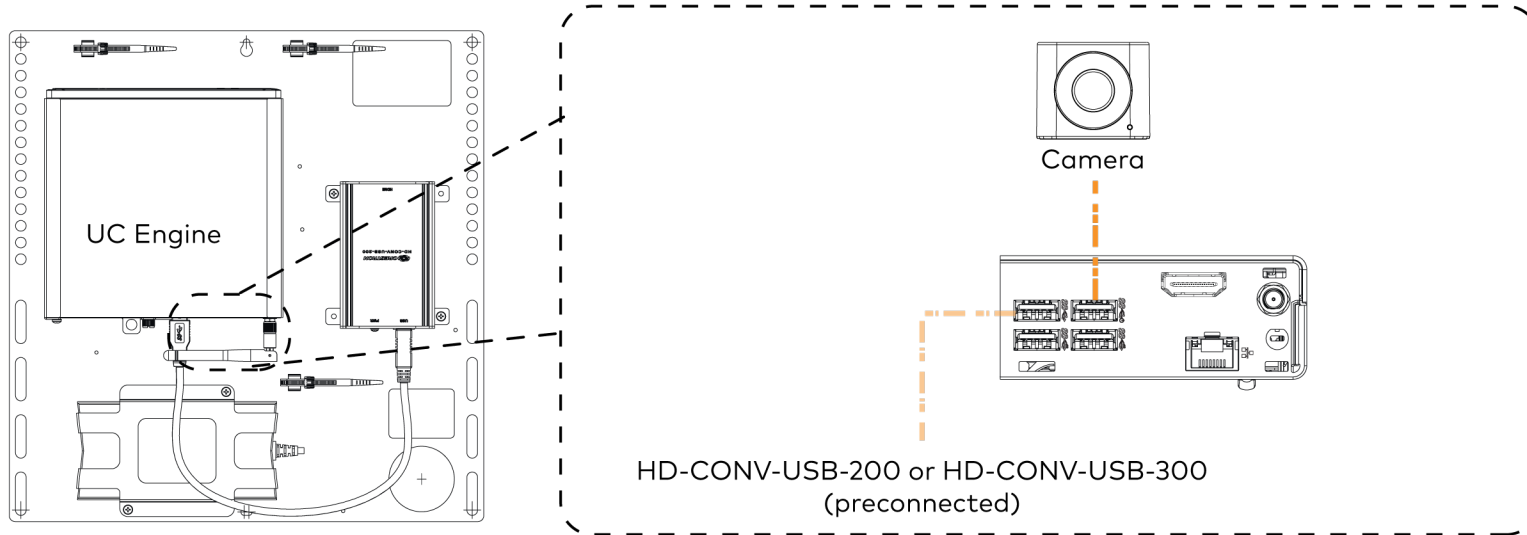
2. Connect displays to the UC Engine.




HDMI
Primary: 6 ft (1.8 m) HDMI cable
Secondary: 6 ft (1.8 m) DisplayPort to HDMI cable

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3. Connect the camera to the UC Engine as shown in the image below. Do not connect the camera to any of the other USB ports.

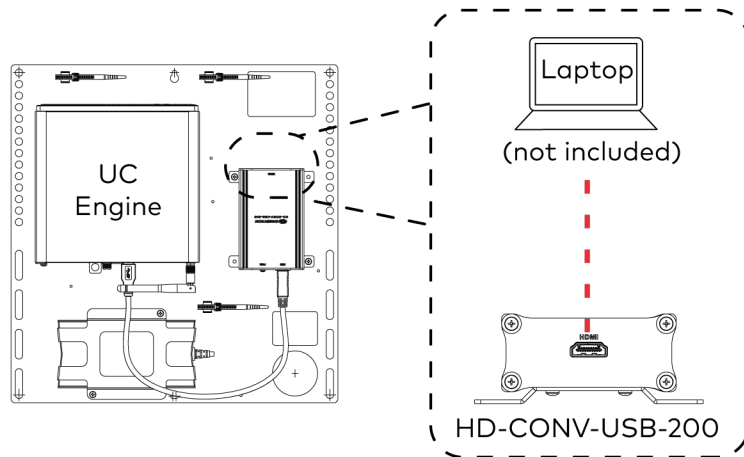


 **USB**
6 ft (1.8 m) USB 3.0, right angle USB-C to A

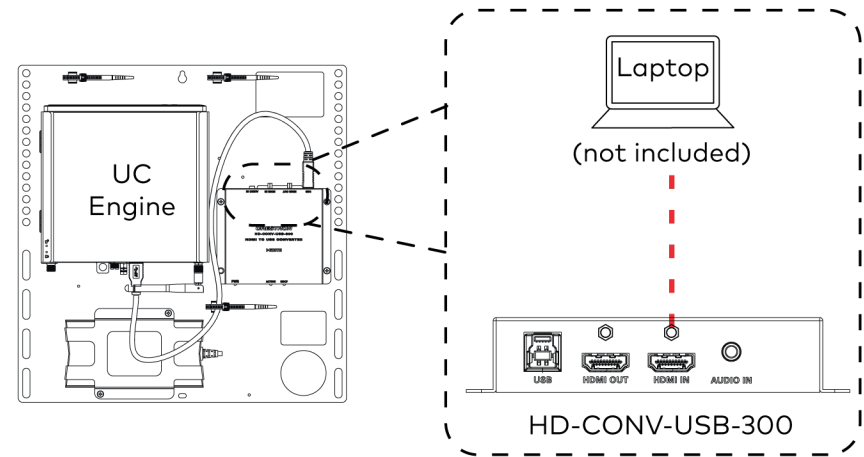
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4. Connect a laptop to the HD-CONV-USB-200 or HD-CONV-USB-300.

UC Bracket Assembly with HD-CONV-USB-200



UC Bracket Assembly with HD-CONV-USB-300



or

 **HDMI**
20 ft (6.1 m) HDMI cable

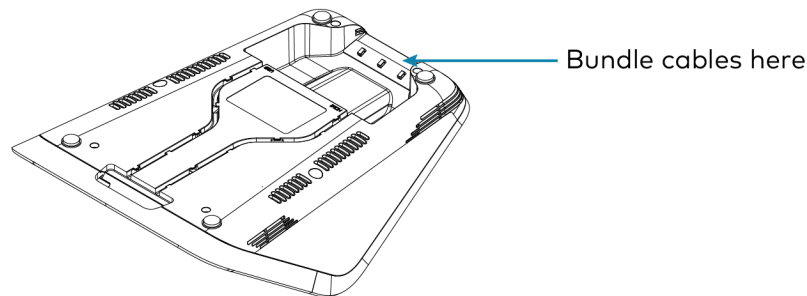
5. Bundle the cables to the bracket assembly with the integrated cable tie wraps. The cable tie wraps are reusable.

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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 conference device will display its IP address.

Configure the Conference Device

NOTE: If a Direct Connection was made between the conference device and the UC Engine, skip to [Configure the System](#).

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. Enter the following information in the appropriate fields:
 - **Teams Video PC Address:** Enter the IP address or hostname of the UC Engine.

NOTE: The hostname is printed on a label affixed to the UC Engine.

- **Teams Video PC Port:** By default, port number 49500 is used. If a different port number has been configured on the UC Engine, enter that port number instead.
 - **Teams Video Username:** Enter the login username for the UC Engine. (The default username is "admin".)
 - **Teams Video Password:** Enter the login password for the UC Engine. (The default password is "sfb".)
4. Click **Save Changes**.

For more information, refer to the [CCS-UC-1 Product Manual](#) (Doc. 7844).

Configure the System

Use the conference device and your Microsoft Teams credentials to configure the UC Engine. For detailed information on deploying Microsoft Teams Rooms, refer to the [Microsoft Teams Rooms](#) documentation.

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Visit the Product Page

Scan the QR code to visit the product page.

UC-M50-T



www.crestron.com/model/6511604

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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