

Crestron Flex Advanced Small Room Conference System with Video Soundbar for Microsoft Teams® Rooms

The UC-BX30-T Crestron Flex advanced conferencing system provides small room video conference solution for use with Microsoft Teams® Rooms software. It supports single or dual video displays and features a tabletop touch screen, UC presentation transmitter, UC bracket assembly, and smart soundbar and camera.

The firmware update for all connected peripherals is managed by the UC Engine and Windows Update.

Minimum Requirements:

- A video display (not included) connected to the UC Engine. A second display is optional.
- A Microsoft Teams Rooms provisioned or Skype® for Business account (not included)
- An environment running Microsoft Exchange Server® software (2013 SP1 or later for on-premises installation or Microsoft 365® software for Cloud) for scheduling and/or Skype for Business 2015 (on-premises installation or Microsoft 365 software for Cloud) (not included)



In the Box

Tabletop Touch Screen Device

- 1 10.1 in. Tabletop Touch Screen (6511748)
- 1 Grommet, Cable, Closed (2055455)
- 1 Grommet, Cable, Open (2055456)
- 1 Cover, Cable compartment (2055457)

Smart Soundbar and Camera

- 1 Soundbar and Camera (6511283)
- 1 Power supply (2045873) with cord (2042043)
- 1 Cable, USB 3.0, A - B, 6 ft (1.8 m) (2053077)
- Mounting hardware

UC Presentation Transmitter

- 1 Presentation transmitter (6510936)
- 1 Power pack (2056363) with cord (2001134)
- 1 Bracket, power supply (2056257)
- 1 Cable, USB to USB, 6.56 ft (2 m) (2056116)
- 1 Cable, HDMI®, 6.56 ft (2 m) (2056117)
- 1 Cable, USB 2.0, A to Micro B, 6.56 ft (2 m) (2055504)
- 8 Screw, 10-9 x 5/8 in. (15.9 mm), Pan Head, Phillips, Black (2054365)

UC Bracket Assembly

- 1 UC Bracket Assembly with UC Engine and HDMI® or AV over CAT5 content ingest (UC-BRKT-260-P-T-ASSY, 6512691)
- 2 Anchor, Drywall, Plastic, 3/8 in. x 1/2 in. (9.5 mm x 12.7 mm) (2052565)
- 1 Key, Anchor (4529654)
- 1 Power pack (2045870)
- 2 Screw, 8-AB x 1-1/2 in. (38.1 mm), Pan Head, Combo (2052567)
- 4 Tie Wrap (2047935)

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Additional Items

- 2 Cable, CAT6a, RJ-45 - RJ-45, 20 ft (6.1 m) (6507640)
- 2 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, 6 ft (1.8 m) (6503565)



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 UC Presentation Transmitter

Mount the UC Presentation Transmitter to the underside of a table using the supplied screws. The supplied screws support installation on tables with a thickness of 1 in. (25.4 mm) minimum.

Mount the Soundbar and Camera

Mount the included smart soundbar and camera according to the [UC-SB1-CAM-FLEX Quick Start](#) (Doc. 8473).

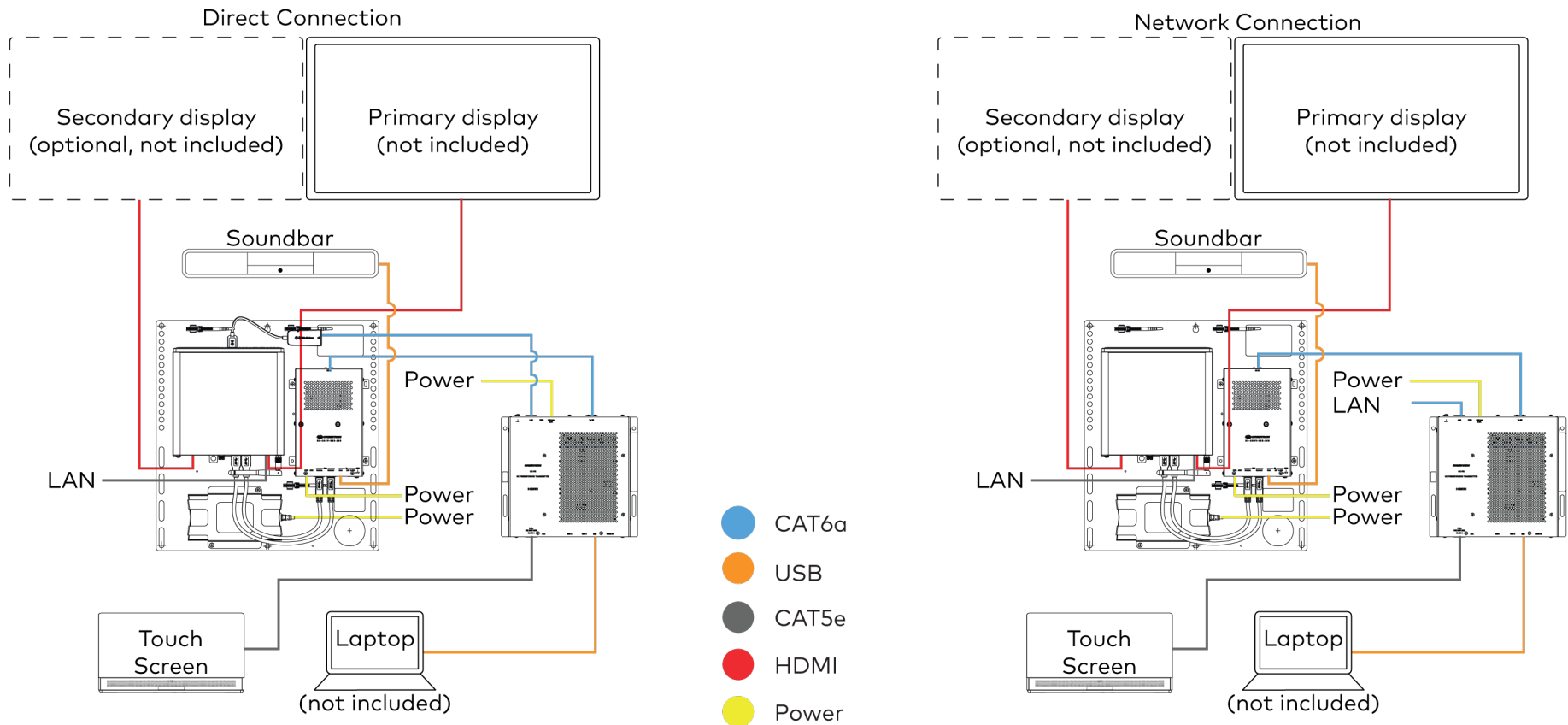
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Connect

System Overview

When connections are complete, the system appears as shown below. The laptop connections shown below may vary based on the selected connection method. Refer to [Make Connections](#) for detailed connection instructions.

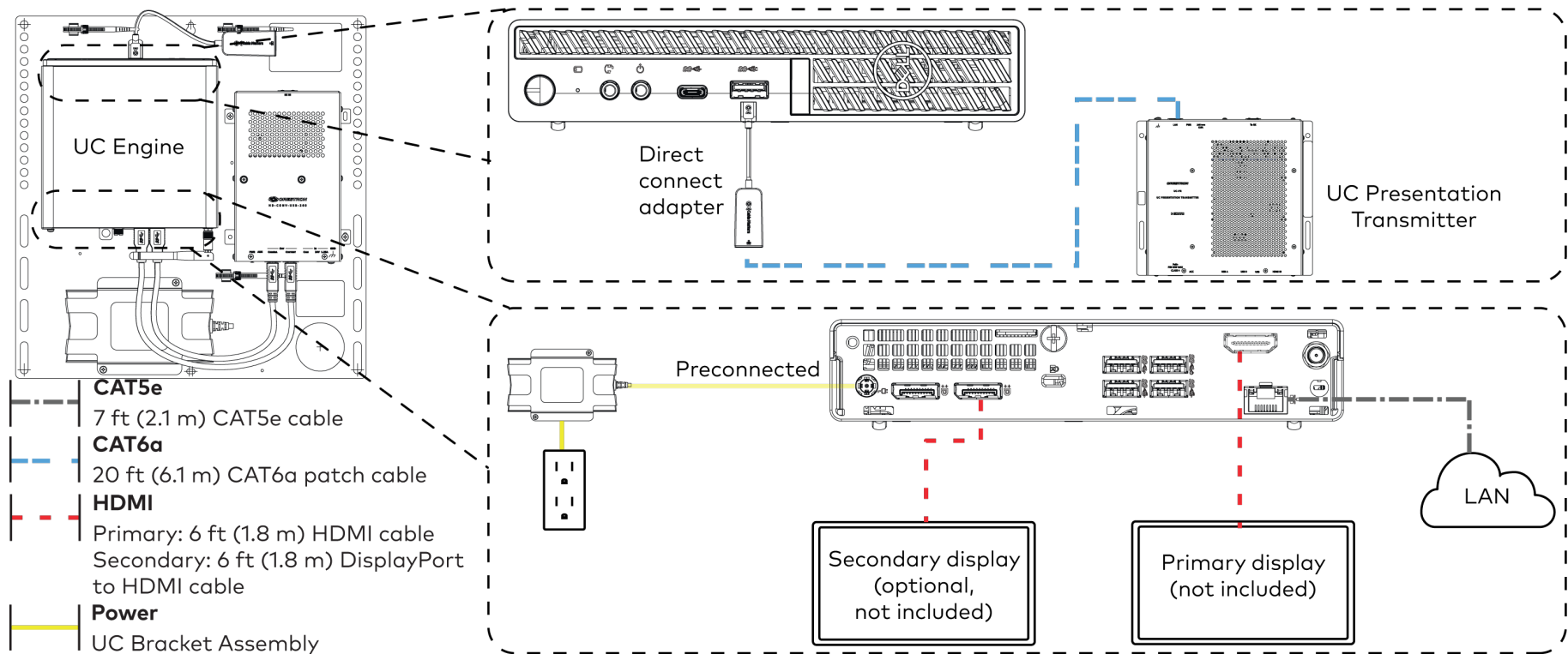


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Make Connections

1. Make UC Engine connections as shown in the following illustrations. The UC Presentation Transmitter 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 UC Presentation Transmitter to the UC Engine. Do not use the direct connect adapter to connect the UC Engine to the network.

Direct Connection

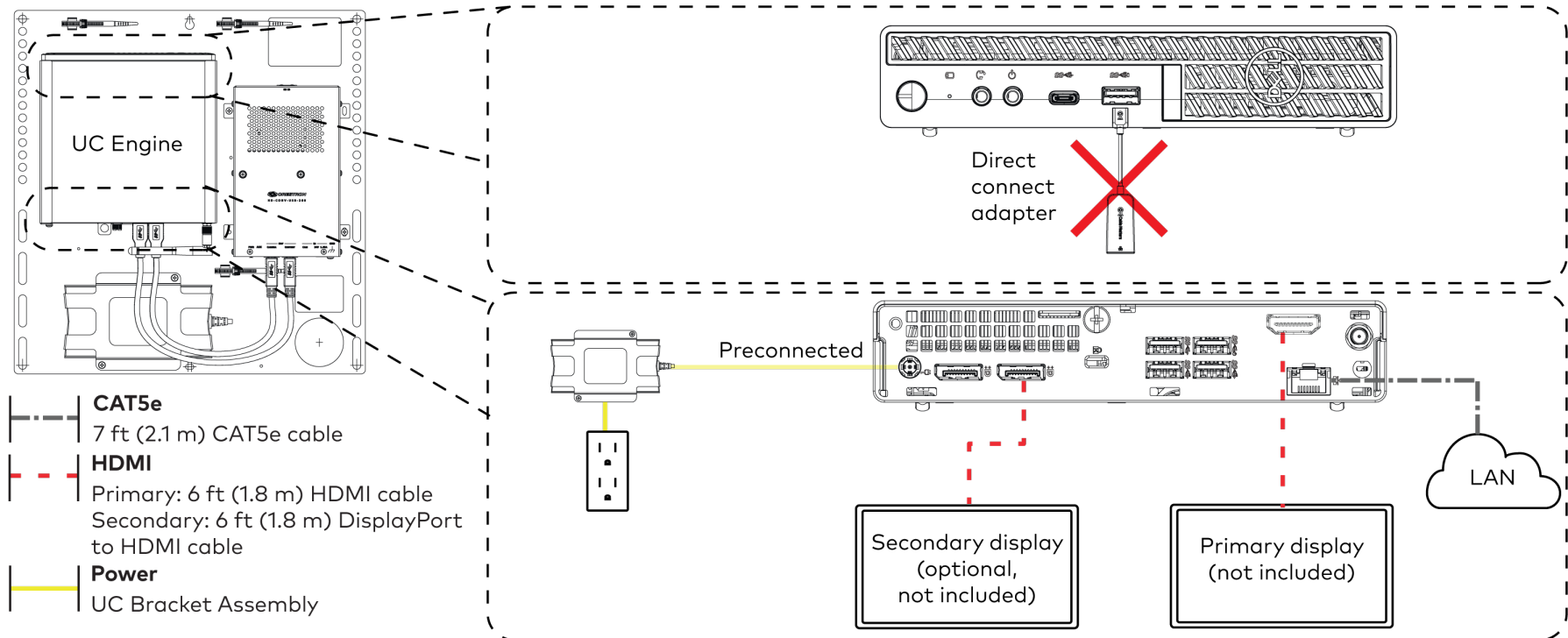


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- Make a network connection if the system is to be managed by the XiO Cloud® service.

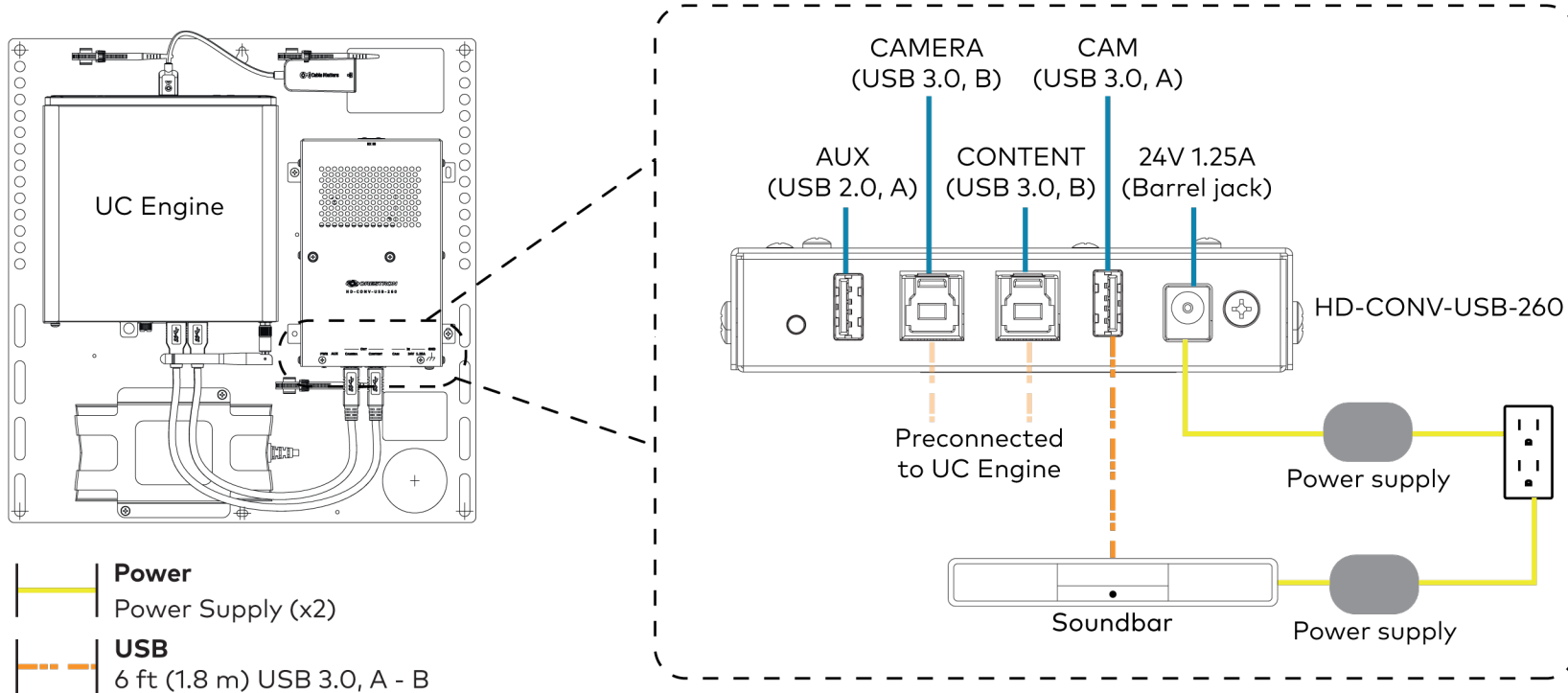
NOTE: When a network connection is used, disconnect the direct connect adapter from the UC Engine.

Network Connection



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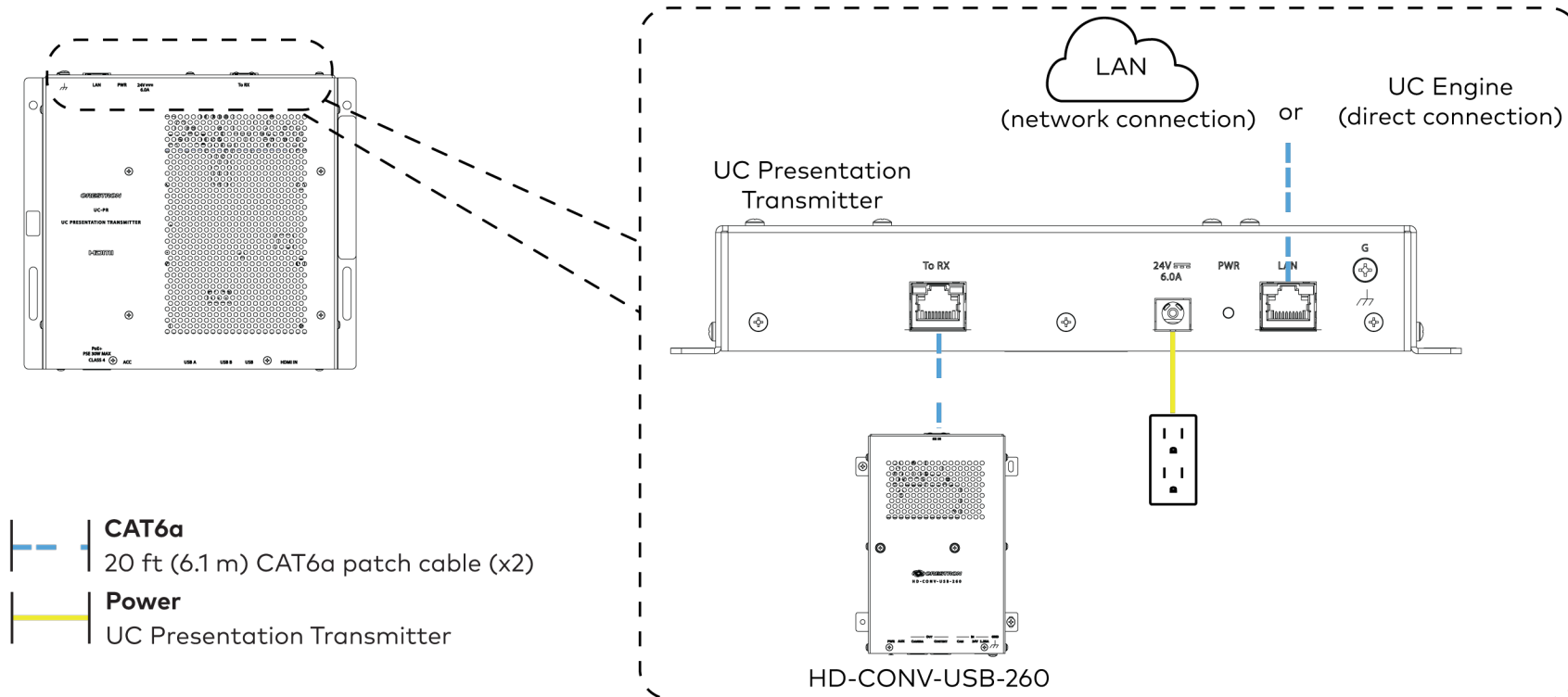
2. Connect the power supply and the soundbar to the bottom of the content ingest device (HD-CONV-USB-260). Connect the power supplies to an AC power outlet.



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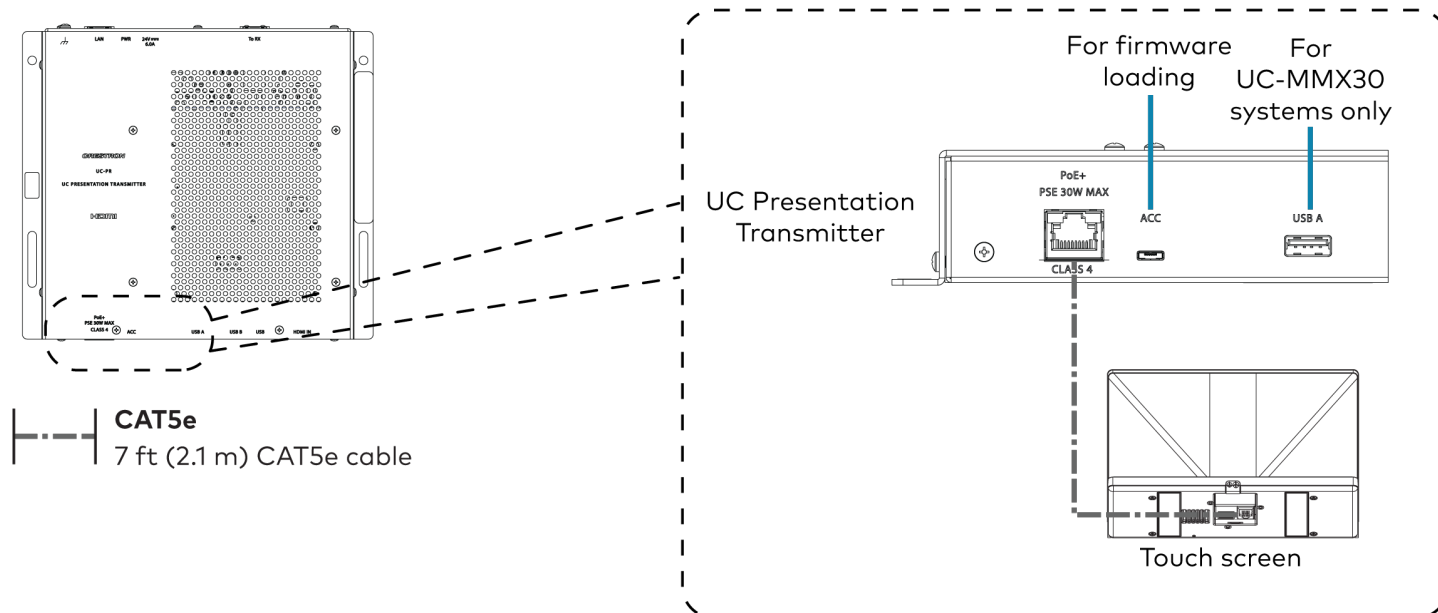
3. Connect power and the content ingest device (HD-CONV-USB-260) to the top of the UC Presentation Transmitter. Connect the UC Engine or LAN to make a direct or network connection as described in step 1.

NOTE: If a longer cable between the UC Presentation Transmitter and the HD-CONV-USB-260 is needed, use a DigitalMedia™ Ultra cable only. The maximum supported cable length is 300 ft (91.4 m).



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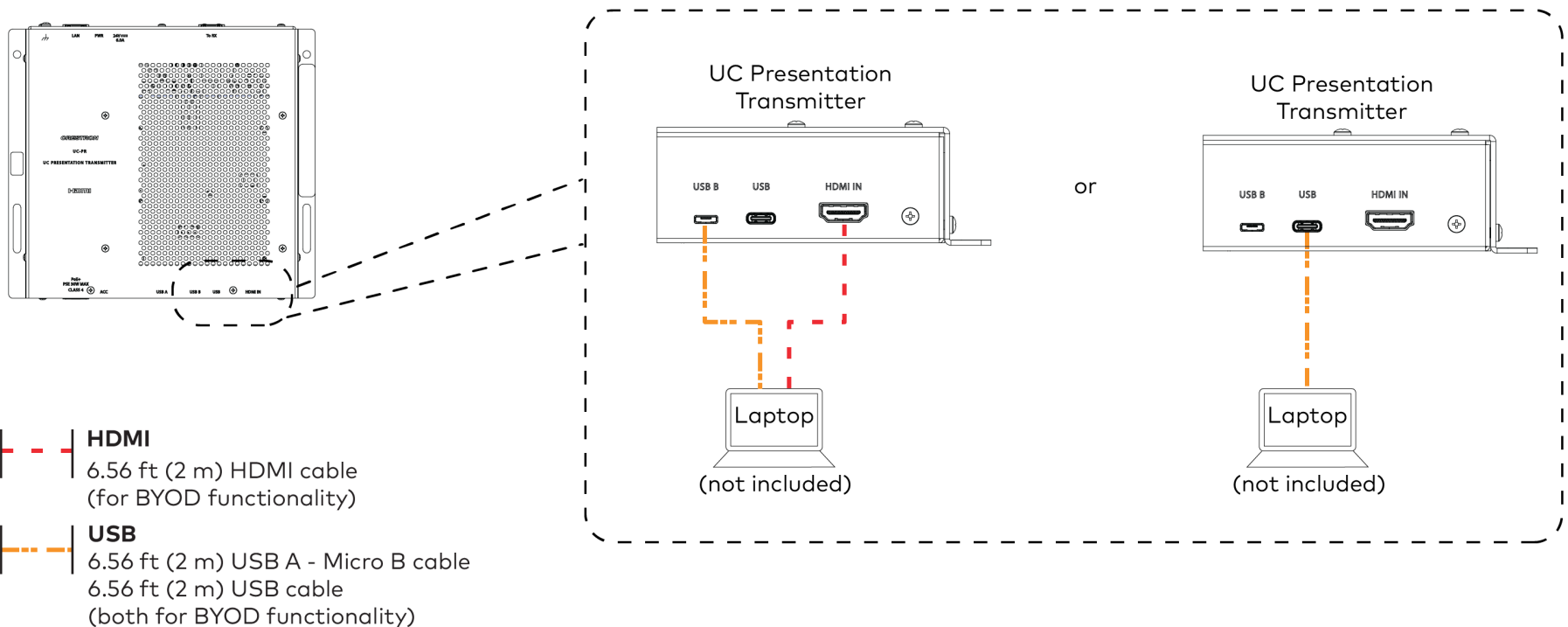
4. Connect the touch screen to the bottom of the UC Presentation Transmitter.



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5. Connect a laptop to either the USB port or both the HDMI and USB B ports on the bottom of the UC Presentation Transmitter. Select a connection type based on the available ports on the user's laptop.

NOTE: If the USB port is used along with either the HDMI or USB B port, the UC Presentation Transmitter will communicate via the USB port by default.



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

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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.

Configure the Touch Screen

NOTE: If a direct connection was made during installation, skip to [Configure the System](#).

1. On a computer, open a web browser to the IP address of the touch screen. Log in and navigate to **Settings > Applications**.

NOTES:

- The touch screen (via the PoE injector) and computer must be on the same network switch and VLAN.
- A login with administrative rights for the touch screen is required.

2. 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 (mounted on the UC bracket assembly).

- **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".)

3. Click **Save Changes**.

Configure the System

Use the touch screen and your Microsoft Teams or Skype account 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-BX30-T



www.crestron.com/model/6511611

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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