



Zoom Rooms™
Design Guide

The Crestron Flex UC Product Line

What to use when and why

ROOM TYPE	ROOM USAGE CASE	USE CRESTRON FLEX
Private Spaces Number of People: Single Person Primary Activity: Audio Conference Calls	Native Zoom Rooms™ Software	UC-MM30-Z
		UC-B30-Z, UC-BX30-Z
Small Meeting Rooms Number of People: Less than 5 Primary Activity: Video Conferencing	Native Zoom Rooms™ Software	UC-MM30-Z
		UC-B30-Z, UC-BX30-Z
Medium Meeting Rooms Number of People: Less than 15 Primary Activity: Video Conferencing, Collaboration, Content Sharing	BYOD	UC-M50-UA, UC-M50-U, UC-MX50-U
	Native Zoom Rooms™ Software	UC-M50-Z, UC-MX50-Z
Large Meeting Rooms Number of People: Less than 30 Primary Activity: Video Conferencing, Collaboration, Content Sharing	BYOD	UC-M70-UA, UC-M70-U, UC-MX70-U
	Native Zoom Rooms™ Software	UC-M70-Z, UC-MX70-Z
Custom Spaces Number of People: Unlimited Primary Activity: Presentation, Training, Lectures	Native Zoom Rooms™ Software	UC-C100-Z, UC-FCM-U, UC-FCM-Z, UC-FCMX-Z

Key Features:

1. Easy to Use:

- **Native & BYOD:** Crestron Flex UC solutions allow the user to simply invite the room and join with one touch in native Zoom Rooms software mode. Flex also allows users to bring their device running any UC software and simply plug into the UC device to utilize the mics, speakers and camera. With the advanced kits you get Dual Mode

2. Easy to deploy and manage

- **Zero programming:** Simply log into the Zoom Rooms account on the Crestron Flex UC device
- **Zero touch provisioning:** Using Crestron XiO Cloud™ service, provision remotely
- **Deploy, Manage, Monitor, Evolve:** Thousands of devices anytime/anywhere

3. Lowest Total Cost of Ownership

- With no programming and zero touch provisioning, Crestron Flex UC devices are the most cost-effective units to deploy, manage and maintain

4. Mode Swap on Advanced (X) devices

- Have IT switch deployed Advanced devices between native Microsoft Teams and Zoom Rooms™ UC softwares

Custom: With either a UC-C100-Z these kits can seamlessly integrate with UC supporting peripheral devices such as cameras, microphones, speakers and other essential components needed to design a fully custom video conference space



Small UC Room

Using A Crestron Flex All in One Tabletop Device

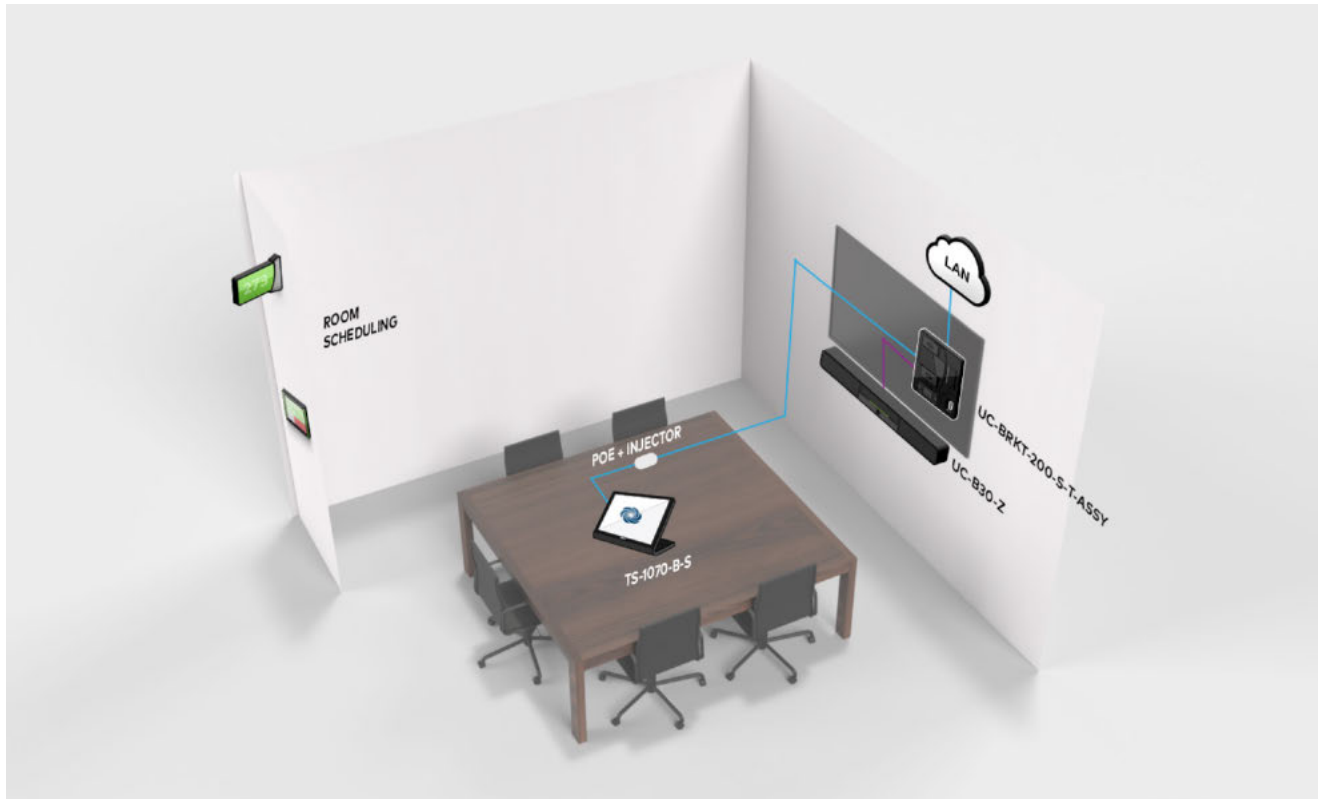


Key: ● CAT 5/6 ● HDMI® Cable ● USB

- ☑ Models Include:
 - [UC-MM30-Z](#)
 - UC-MMX30-Z (Coming Soon)
- ☑ 40% smaller than the UC-M50-Z and UC-MX50-Z
- ☑ Integrated 10 foot microphone pickup range
- ☑ Simple installation and usb/ethernet connectivity
- ☑ For Native Zoom Rooms Software Use:
 - [UC-MM30-Z](#) for single video display with an intelligent camera with native Zoom Rooms software
- ☑ For Dual Mode Technology Use:
 - UC-MMX30-Z for single cable to table single video display with a professional camera with **BOTH** native Zoom Rooms software and BYOD/Open UC Platforms ([coming Q4 2020](#))

Small UC Room

Using A Crestron Flex Front Of Room Soundbar

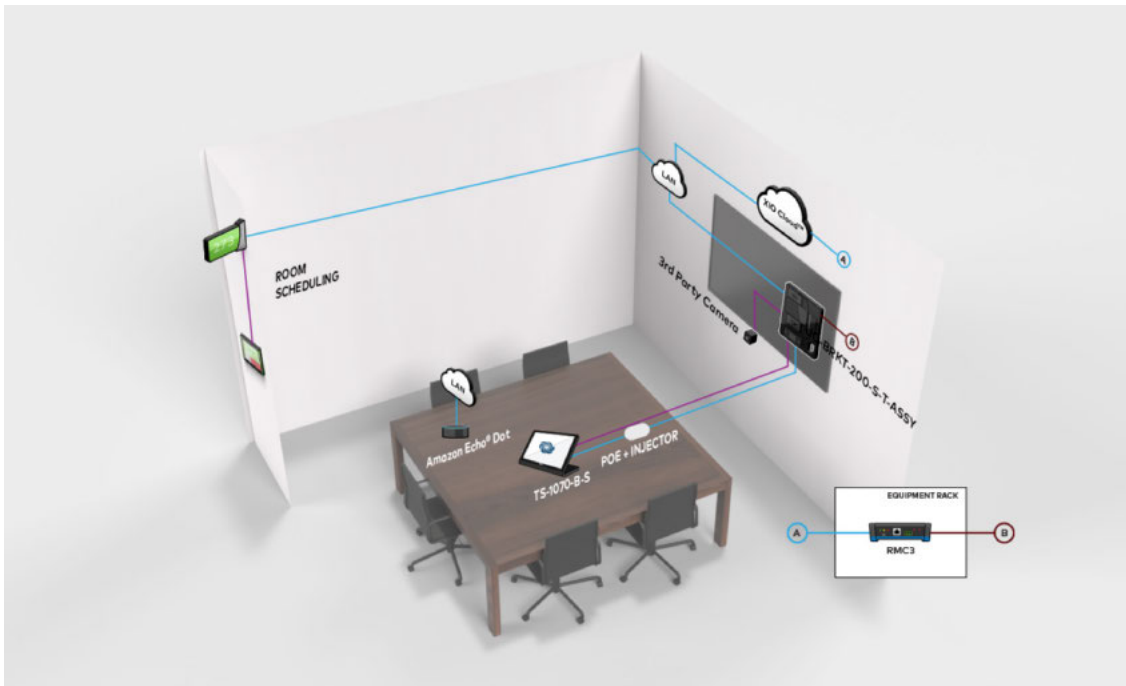


Key: ● CAT 5/6 ● HDMI® Cable ● USB

- ☑ Models Include:
 - [UC-B30-Z](#)
 - [UX-BX30-Z](#)
- ☑ Small meeting rooms are designed for less than 5 people
 - Used primarily for video conferencing
- ☑ Native Zoom Rooms with one touch join
 - Simple to use with consistent user experience
 - Immersive UC experience
- ☑ Features the NEW TSW-1070 touch screen
 - 10.1in. (257mm) widescreen active-matrix color display and 1920 x 1200 WXGA display resolution
 - Proximity sensor to wake up the system
 - Built in room/environmental control (requires control processor)
- ☑ Integrated room scheduling with illuminated wall mounted room availability indicator for easy viewing
 - Users and visitors always know where they are and what is going on in the room

Small UC Room

Using a Customizable Single Display Zoom Rooms Solution with Voice Activation



Key: ● CAT 5/6 ● HDMI® Cable ● USB ● RS-232

Introducing the UC-C100-Z kits: Simple/economical customization within the **Zoom Rooms** UC software standards!

☑ Models Include:

- [UC-C100-Z](#)

- [UX-CX100-Z](#)

- ☑ Single display configuration for a more economical solution
- ☑ Native UC performance/functionality with the option to expand & customize
- ☑ Flexible to design and install with add-on/integration of Crestron & 3rd party devices without programming.
- ☑ Easy to manage with zero touch provisioning and monitoring from a true 100% Cloud management platform
- ☑ No additional hardware, software or infrastructure required
- ☑ Present, call, conference, and collaborate in any room using any choice of AV equipment making it easy to use for the end user
- ☑ Part of a smart building ecosystem with network management and provisioning, system alerts, and the pairing of a touch screen to the **UC-C100-Z** system's UC Engine through the Crestron XiO Cloud™ service
- ☑ Direct connection option for simple installation and configuration
- ☑ Start Zoom Rooms™ meetings using voice activation

Medium UC Room

Using A Crestron Flex All in One Tabletop Device



Key: ● CAT 5/6 ● HDMI® Cable ● USB

☑ Models Include

- [UC-M50-UA](#)
- [UC-M50-U](#)
- [UC-M50-Z](#)
- UC-MX50-Z

☑ For BYOD Use:

- [UC-M50-UA](#) audio only solution for open platform UC applications
- [UC-M50-U](#) featuring an intelligent camera to provide a complete video conferencing solution for open UC platforms

☑ For Native Zoom Rooms Software Use:

- [UC-M50-Z](#) for single video display with an intelligent camera with native Zoom Rooms UC software

☑ For Dual Mode Technology Use:

- UC-MX50-Z for single cable to table single video display with a intelligent camera with **BOTH** native Zoom Rooms UC software and BYOD/ Open UC Platforms

Medium UC Room

Using A Crestron Flex All in One Tabletop Device with Dual Screen



Key: ● CAT 5/6 ● HDMI® Cable ● USB

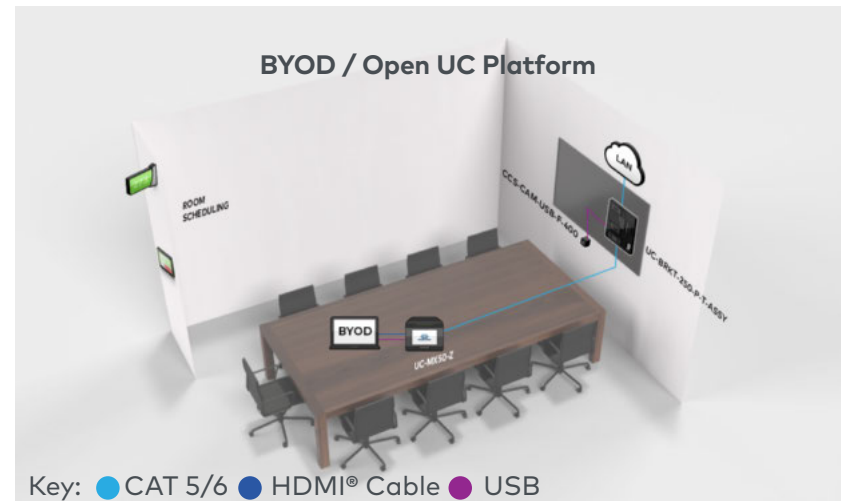
- ☑ Models Include
 - UC-MX50-Z
- ☑ Featuring a UC-MX50-Z system with dual mode technology
 - Native Zoom Rooms UC software and BYOD in a single SKU without the need for additional hardware
- ☑ 20 ft microphone pickup radius
 - Supports meeting and room sizes of any type
 - Expandable with optional microphone pods
- ☑ Integrated room scheduling with illuminated wall mounted room availability indicator for easy viewing
 - Visitors will know where they are and what is going on
- ☑ Simple/secure installation
 - Offers flexibility and simple deployment for the integrator
 - Uses less peripherals & non-proprietary wiring/infrastructure including USB & PoE

Medium UC Room

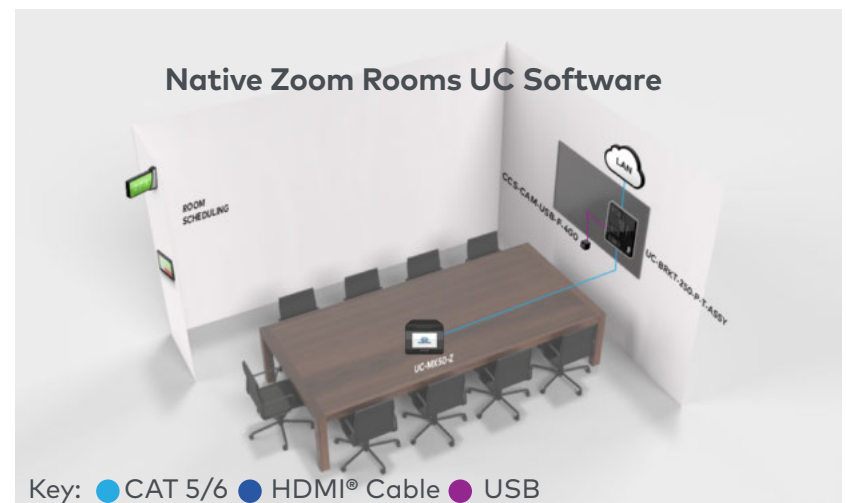
All In One Tabletop Device Using Dual Mode Technology

- ☑ Exclusive Dual-Mode Technology
 - **ALL** rooms can now have **BOTH** Native Zoom Rooms UC software (one-touch-join) and Open Standard BYOD capability in **one device!**
- ☑ Less components to install and wire
 - All in one tabletop device
 - Only **ONE** wire needed from table to display!
 - 20' integrated microphone pickup range
- ☑ More integrated system flexibility
 - Single or dual video display
 - Advanced on screen video display (calendar and meeting info)
 - Occupancy sensor room automation
 - Integrated room control capable (paired with a control processor)
- ☑ Zero touch provisioning via direct-connect to a true 100% Cloud management platform
 - No additional hardware, software or infrastructure required

The **SAME UNIT** in the **SAME ROOM** can accommodate **BOTH** scenarios!



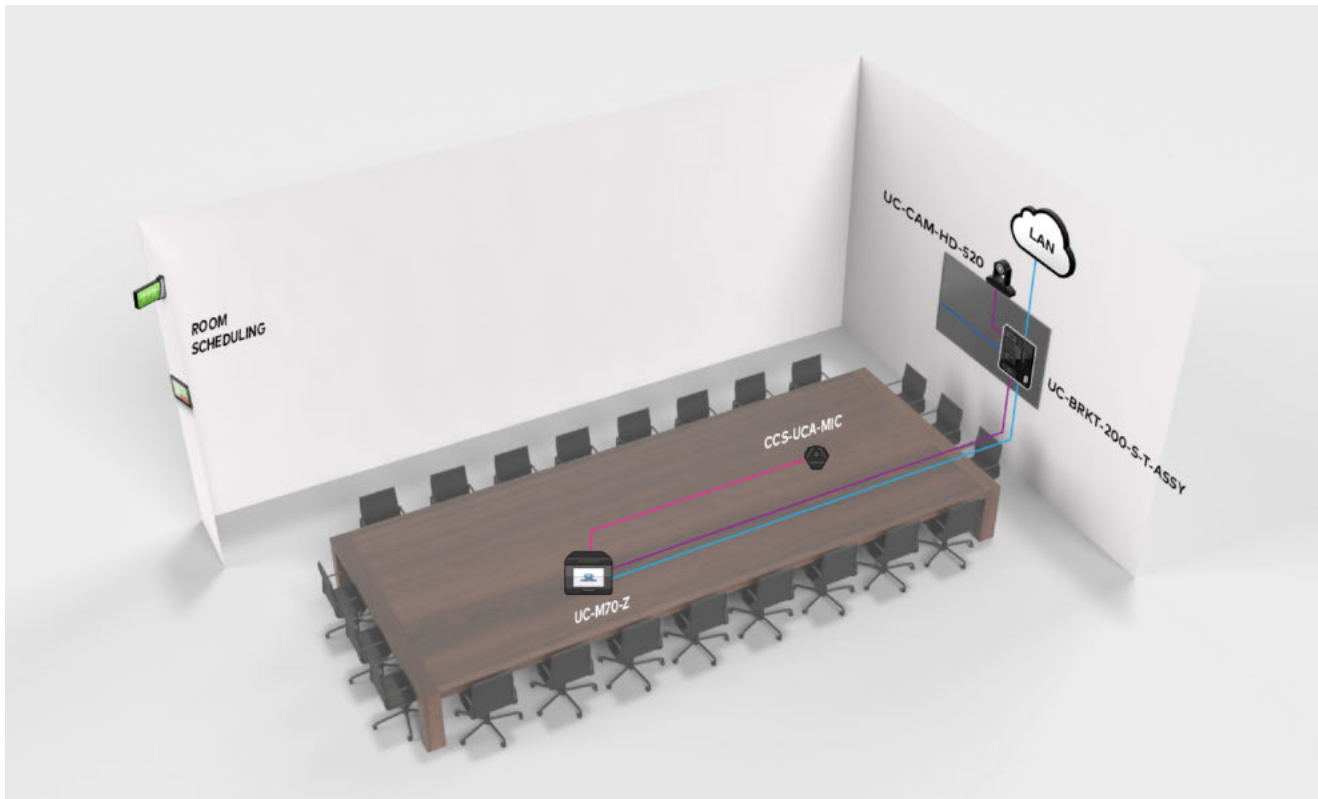
Scenario 1: CEO has outside presenter coming in to present on Cisco, Bluejeans, Google etc.



Scenario 2: CEO joins a UC meeting on Zoom Rooms UC platform with one touch join

Large UC Room

Using an All In One UC Device with Expanded Microphone Coverage

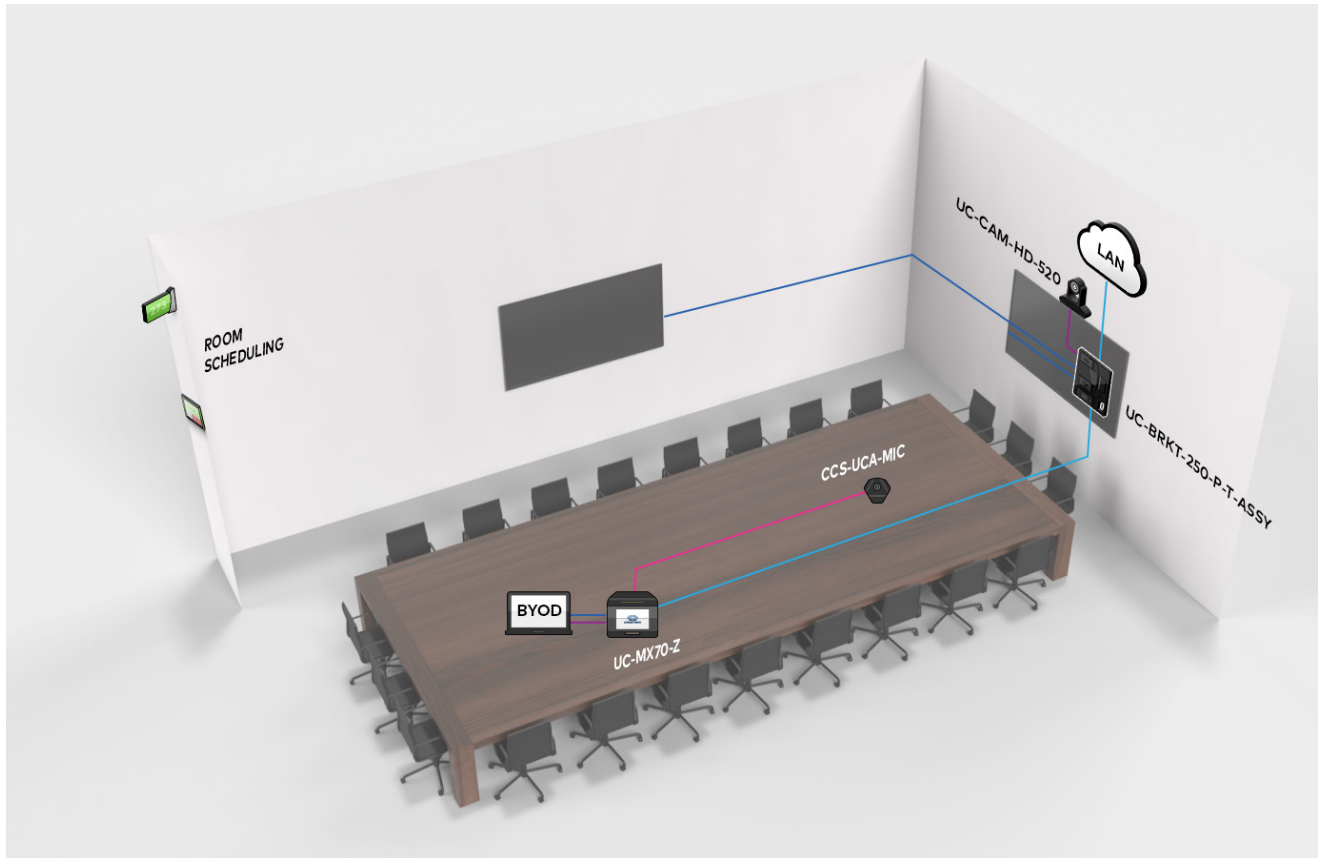


Key: ● CAT 5/6 ● HDMI® Cable ● USB ● Audio

- ☑ Models Include
 - [UC-M70-Z](#)
- ☑ Featuring a UC-M70-Z with native Zoom Rooms UC software
 - Native one touch join with a consistent user experience making the room simple to operate
- ☑ HD video with the included PTZ enterprise-grade camera
 - Wide-angle 82° diagonal field of view to capture an entire conference room in Full HD 1080p video resolution
- ☑ Integrated tabletop mic pod for enhanced audio expansion
- ☑ Integrated room scheduling using a commercial grade and purpose built TSS touch screen with highly visible room availability with a wall mounted indicator illuminated sign
 - Visitors always know where they are and what is going on
- ☑ Network management and provisioning, system alerts, and the pairing of the Crestron Flex tabletop conference device to the system's UC Engine through the XiO Cloud® service
 - Provides a more efficient smart building ecosystem

Large UC Room

Using A Crestron Flex All in One Tabletop Device with Dual Display



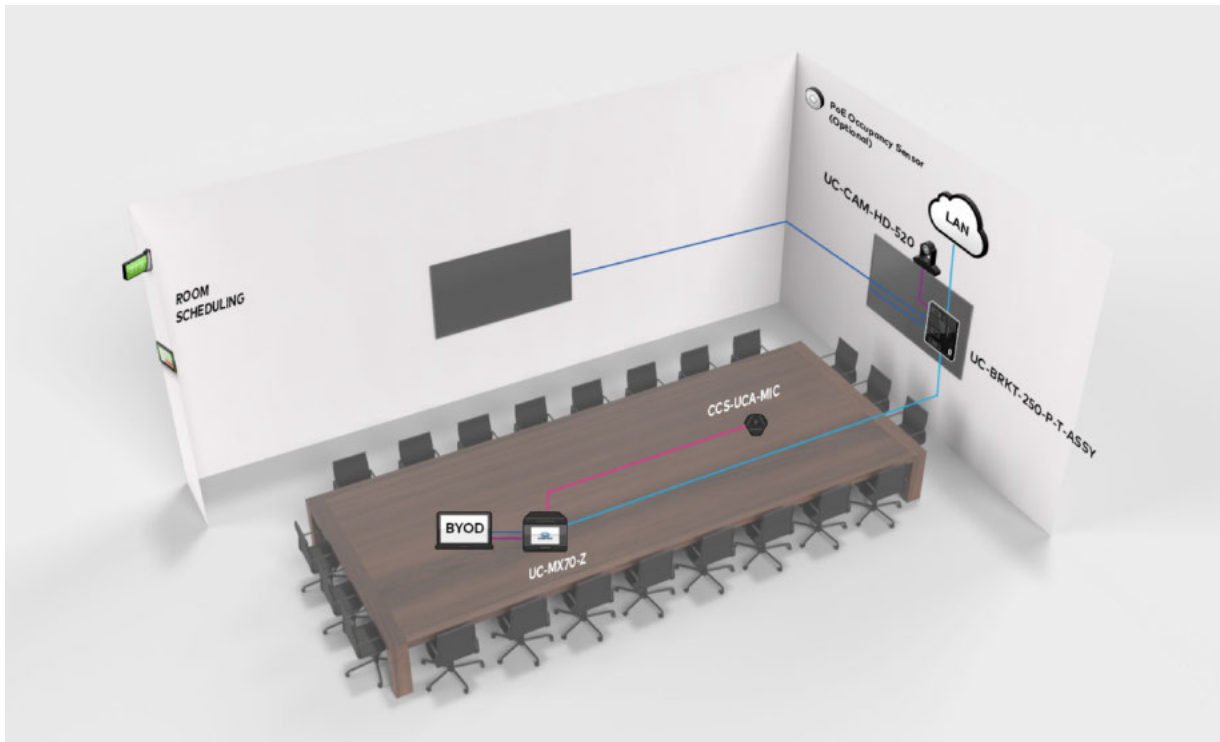
Key: ● CAT 5/6 ● HDMI® Cable ● USB ● Audio

- ☑ Models Include
 - UC-MX70-Z
- ☑ Large meeting rooms are designed for less than 30 people
 - Used primarily for video conferencing, collaboration and content sharing
- ☑ Featuring the UC-MX70-Z with dual mode technology
 - Single cable to table dual video display with a professional camera with **BOTH** native Zoom Rooms UC software and BYOD/Open UC Platforms
- ☑ Crestron Flex offers scalability via deployment and management via the Cloud
- ☑ Integrated 20 foot microphone pickup range but includes a mic pod for expanded microphone pickup range
 - Supports a variety of space types and sizes
- ☑ Integrated room scheduling with illuminated wall mounted room availability indicator for easy viewing
- ☑ HD video with the included PTZ enterprise-grade camera
 - Wide-angle 82° diagonal field of view to capture an entire conference room in Full HD 1080p video resolution

Large UC Room

All In One Tabletop Device Using Dual Mode Technology with Occupancy Sensor

Native Zoom Rooms or BYOD / Open UC Platform

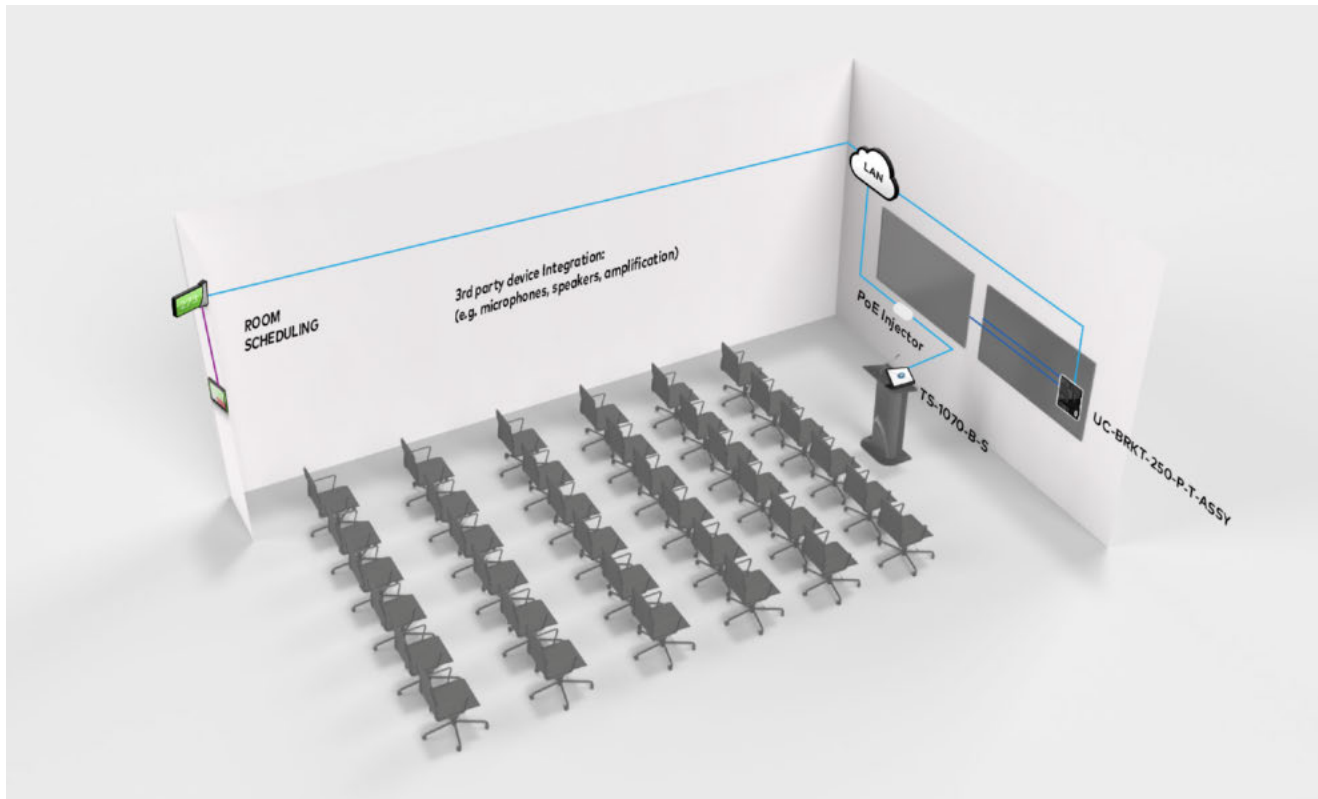


Key: ● CAT 5/6 ● HDMI® Cable ● USB ● Audio

- ☑ Models Include
 - UC-MX70-Z
- ☑ Exclusive Dual-Mode Technology
 - **ALL** rooms can now have **BOTH** Native Zoom Rooms UC software (one-touch-join) and Open Standard BYOD capability in **one device!**
- ☑ Less components to install and wire
 - All in one tabletop device
 - Only **ONE** wire needed from table to display offering flexible placement for the tabletop unit
- ☑ Integrated 20 foot microphone pickup range but includes a mic pod for expanded microphone pickup range
 - Supports a variety of space types and sizes
- ☑ More integrated system flexibility
 - Single or dual video display
 - Advanced on screen video display (calendar and meeting info)
 - PoE Occupancy sensor room automation
 - Integrated room control capable (control processor needed)
 - POE Occupancy Sensor to improve efficiency via auto-release of rooms when space is not being used due to "no-shows"
- ☑ Zero touch provisioning via direct-connect to a true 100% Cloud management platform
 - No additional hardware, software or infrastructure required

Large UC Room

Using a Customizable Zoom Rooms Solution

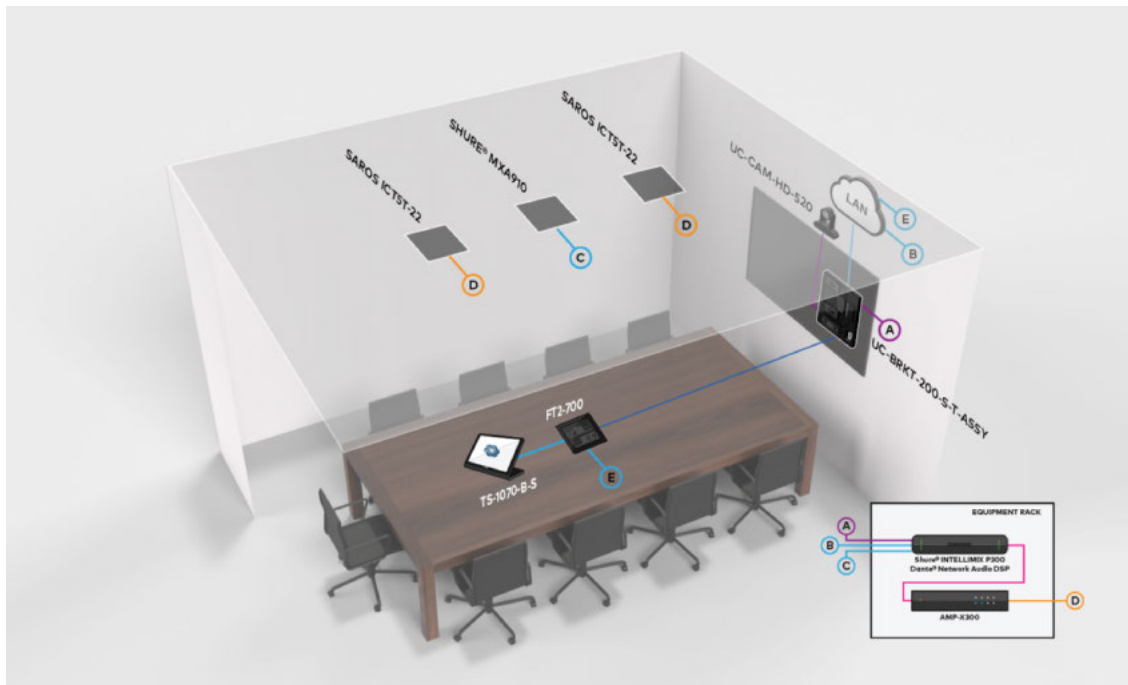


Key: ● CAT 5/6 ● HDMI® Cable ● USB

- ☑ Models Include
 - [UC-C100-Z](#)
 - [UC-CX100-Z](#)
- ☑ Custom rooms are designed for an unlimited amount of people
 - Used primarily for presentations, lectures and trainings
- ☑ Seamless integration with UC supporting 3rd Party peripheral devices
 - Such as cameras, microphones, speakers and other essential components needed, including using Logitech Rally & Meetup
 - For use with Single or Dual Display
 - For use in spaces with divisible walls or more than two displays
- ☑ For Native Zoom Rooms Software Use:
 - [UC-C100-Z](#) for a customizable video conference room solution for use with the Zoom Rooms intelligent communications platform

Medium UC Room

Using Dante® Network Audio Microphones and Ceiling Speakers



Key: ● CAT 5/6 ● HDMI® Cable ● USB ● Audio ● Speaker

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- ✓ Single display configuration for a more economical solution
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- ✓ Flexible to design and install with add-on/integration of Crestron & 3rd party devices without programming.
- ✓ Easy to manage with zero touch provisioning and monitoring from a true 100% Cloud management platform
- ✓ No additional hardware, software or infrastructure required
- ✓ Present, call, conference, and collaborate in any room using any choice of AV equipment making it easy to use for the end user
- ✓ Part of a smart building ecosystem with network management and provisioning, system alerts, and the pairing of a touch screen to the UC-C100-Z system's UC Engine through the Crestron XiO Cloud™ service
- ✓ Direct connection option for simple installation and configuration
- ✓ Use a FlipTop™ cable management system for easy hardwired connectivity and power

Virtual Classroom w/ Mobile Cart

Rapid Deployment System



For the User

- ✓ Dedicated UC experience
 - Users get the same exact experience that they would in a dedicated UC meeting room
- ✓ BYOD capabilities
 - Communicate with remote participants without any compromises
- ✓ Built in AirMedia wireless presentation so users do not need to touch anything to display their content on the screen

For the IT Department

- ✓ Remotely manage/monitor just as any other room with the Crestron XiO Cloud service from a single pane of glass

For Facilities

- ✓ Only LAN connectivity and power needed
- ✓ Easily move the unit into any space UC is needed
 - Lobbies and common areas, hallways, cafeterias
 - Keeps Flex R-Series mobile and easy to access
- ✓ Easy to repurpose any room into a safe, UC meeting room/ classroom

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