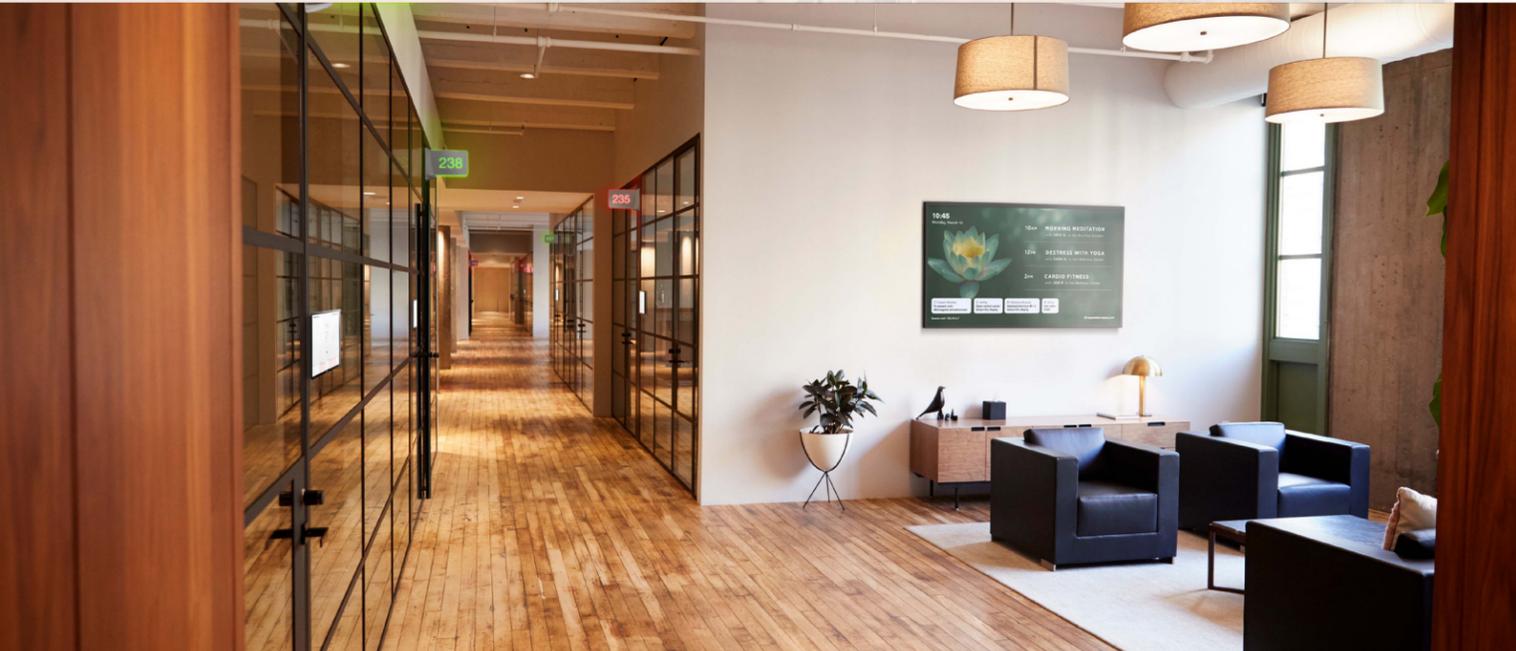# AirMedia®

## THE WIRELESS COLLABORATION SYSTEM REIMAGINED

CRESTRON

# OVERVIEW

The AirMedia system enables secure wireless collaboration and conferencing in the modern digital workspace whether you are in a huddle room, lounge, or mixed-use space

- Gain the flexibility to simply share, present, and host a meeting from any device from a single solution
- Keep everyone informed with calendar and event information for room users, and display digital signage content when no presentation is being made or the room is unoccupied
- Every room is unique and requires varying levels of technology so AirMedia rooms can be expanded natively with other Crestron products to provide a total room solution that fits each space's requirements
- Easily deploy and manage thousands of devices remotely with Crestron XiO Cloud® Management Platform

This design guide reviews some of the common applications for small and medium sized rooms, however with its versatility, the AirMedia wireless collaboration system is perfect for any size space, large or small!

- Be sure to reach out to our Sales Support Services team for FREE expert assistance with technical questions, system design, and proposals for your application's unique requirements

If you have any questions, or need assistance with any of your system designs, please contact the dedicated Sales Support Services team at: techsales@crestron.com | 888-273-7876 (Option 3)

# FRESH FRONT OF THE ROOM EXPERIENCE

1. Customizable Logo
2. Date, Time, Room Name
3. Customizable Backgrounds
4. Room Availability Info
5. Guest WiFi® Connectivity Info
6. Room Feature Tiles
   - AirMedia
   - Wired Connection
   - AirPlay® and Miracast® Screen Mirroring Technology
   - Whiteboard (Kaptivo)
7. Help Desk Info

## MULTI-USER WIRELESS PRESENTATION (SOFTWARE)



### AM-3100-WF

AirMedia® Series 3 Receiver 100 with Wi-Fi® Network Connectivity

- Enable wireless presentation in any space (stand-up space, huddle room, classroom, non-reservable drop-in space, conference room)

- Run the AirMedia app or use AirPlay® and Miracast® screen mirroring technology for simple connection from any laptop, computer, or mobile device

- Multiple users can be wirelessly presenting simultaneously for seamless collaboration
    - Supports output resolutions up 4K60
    - No more swapping wired connections

### BILL OF MATERIALS

| COUNT | NAME |
|-------|------|
| 1 | AM-3100-WF |

## SAMPLE DRAWING

**Wire Legend:** ● CAT 5/6  ● HDMI® CABLE

## MULTI-USER WIRELESS PRESENTATION (HARDWARE AND/OR SOFTWARE)

### AM-3100-WF

AirMedia® Series 3 Receiver 100 with Wi-Fi® Network Connectivity

- Enable wireless presentation in any space (stand-up space, huddle room, classroom, non-reservable drop-in space, conference room)

- Run the AirMedia app or use AirPlay® and Miracast® screen mirroring technology for simple connection from any laptop, computer, or mobile device

- Multiple users can be wirelessly presenting simultaneously for seamless collaboration
  - Supports output resolutions up 4K60
  - No more swapping wired connections

### AM-TX3-100

AirMedia® Connect Presentation Adaptor

- Allows guests without corporate network access to easily connect

- Dongle device that can connect to any laptop, tablet, phone, etc. with a USB-C® connection

- Plug-and-play (no driver or software to install)

- Transmits video up to 4K30

## BILL OF MATERIALS

| COUNT | NAME |
|---|---|
| 1 | AM-3100-WF |
| 1 | AM-TX3-100 |

MULTI-USER WIRELESS PRESENTATION (HARDWARE AND/OR SOFTWARE)

## SAMPLE DRAWING

**Wire Legend:** ● CAT 5/6 ● HDMI® CABLE

# MULTI-USER WIRELESS PRESENTATION & DIGITAL SIGNAGE

## SAMPLE DRAWING

**Wire Legend:** ● CAT 5/6  ● HDMI® CABLE

### AM-3100-WF

AirMedia® Series 3 Receiver 100 with Wi-Fi® Network Connectivity

- AirMedia offers digital signage capabilities out-of-the–box for any space (conference rooms, classrooms, lobbies, wayfinding, etc.)

- Leverage displays to show corporate communication while not being used for wireless collaboration

- Native digital signage integration with a variety of service providers
  - Appspace available now!
  - Korbyt, 22Miles, and additional signage partners coming soon

- Enable wireless presentation in any space and connect with the AirMedia app and/or AirPlay® and Miracast® screen mirroring technology

### AM-TX3-100

AirMedia® Connect Presentation Adaptor

- Allows guests without corporate network access to easily connect

- Dongle device that can connect to any laptop, tablet, phone, etc. with a USB-C® connection

- Plug-and-play (no driver or software to install)

- Transmits video up to 4K30

## BILL OF MATERIALS

| COUNT | NAME |
|-------|------|
| 1 | AM-3100-WF |
| 1 | AM-TX3-100 |

# BRING-YOUR-OWN-MEETING (BYOM) WIRELESS CONFERENCING

## SAMPLE DRAWING

**Wire Legend:** ● CAT 5/6  ● HDMI® CABLE  ● USB
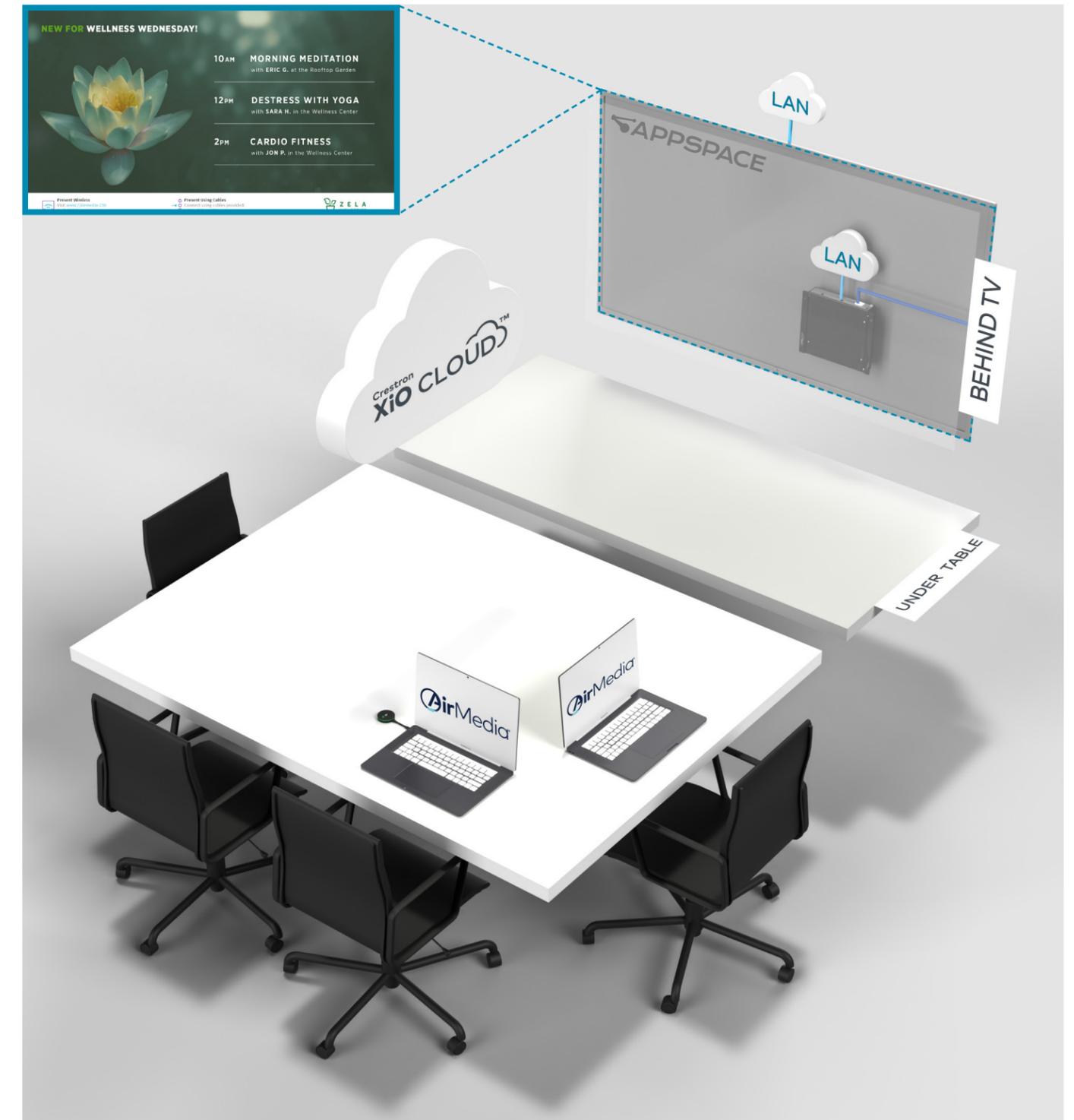
### AM-3100-WF

AirMedia® Series 3 Receiver 100 with Wi-Fi® Network Connectivity

- Enables wireless conferencing and wireless presentation in the same space

- Connect to any video conferencing platform from the AirMedia app on your laptop

- Wirelessly gain access to the USB peripherals in the room
  - Simply connect without worrying what connections are on your laptop

- AirMedia offers digital signage capabilities out-of-the–box for any space (conference rooms, classrooms, lobbies, wayfinding, etc.)

Works with any video conferencing platform including:

Cisco webex   ZOOM   Microsoft Teams   Google Meet

### UC-SB1-CAM

UC Video Conference Smart Soundbar & Camera

- AirMedia is seamlessly interoperable with Crestron's integrated video soundbar

- Single USB connection to the AirMedia for easy setup

- Superb sound quality

- Intelligent HD camera

## BILL OF MATERIALS

| COUNT | NAME |
|-------|------|
| 1 | AM-3100-WF |
| 1 | UC-SB1-CAM |

**NOTE:**

- During a BYOM video call only one user can connect to the USB peripherals

- If additional users want to share content to the far end during a video call it needs to be done through the conferencing app on their own device

# BRING-YOUR-OWN-MEETING (BYOM) WIRELESS CONFERENCING WITH 3RD PARTY DEVICES

### AM-3100-WF
AirMedia® Series 3 Receiver 100 with Wi-Fi® Network Connectivity

- Enables wireless conferencing and wireless presentation in the same space
- Have your guest easily present using the AirMedia Connect Presentation Adaptor
  - For wireless presentation only, not for wireless conferencing
- Connect to any video conferencing platform from the AirMedia app on your laptop

- Wirelessly gain access to the USB peripherals in the room
  - Simply connect without worrying what connections are on your laptop
- Flexibility to choose from certified 3rd party peripherals
  - Contact our Sales Support Services team for a full list of the latest certified peripherals

**Works with any video conferencing platform including:**
Cisco webex   ZOOM   Microsoft Teams   Google Meet

## 3rd Party USB Soundbar

## 3rd Party USB Camera

## BILL OF MATERIALS

| COUNT | NAME |
|---|---|
| 1 | AM-3100-WF |
| 1 | AM-TX3-100* |

**NOTE:**
- During a BYOM video call only one user can connect to the USB peripherals
- If additional users want to share content to the far end during a video call it needs to be done through the conferencing app on their own device

*For wireless presentation only, not for wireless conferencing

# SAMPLE DRAWING

**Wire Legend:** ● CAT 5/6  ● HDMI® CABLE  ● USB

# SMART ROOM WITH WIRELESS CONFERENCING & PRESENTATION, AUTOMATION, & CONTROL - PART 1

## AM-3200-WF

AirMedia® Series 3 Receiver 200 with Wi-Fi® Network Connectivity

- Enables wireless conferencing, wireless presentation, and digital signage in the same space
- Calendar and scheduling integration built-in to AirMedia[1]
- Wired HDMI connection for additional connectivity

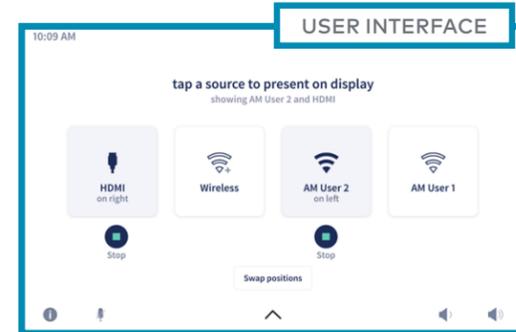## CEN-ODT-C-POE

Dual-Technology Occupancy Sensor

- Direct-connect to AirMedia through the network for automation
- Walk in and the room instantly wakes to guide the user to present
- Turns off room components when unoccupied for energy efficiency
- No programming required

## UC-SB1-CAM

UC Video Conference Smart Soundbar & Camera

- AirMedia is seamlessly interoperable with Crestron's integrated video soundbar
- Single USB connection to the AirMedia for easy setup
- Superb sound quality
- Intelligent HD camera

## TS-770-B-S

7 in. Tabletop Touch Screen

- Direct-connect to AirMedia through the network to control on-screen users and input selection
- Control AirMedia canvas and moderator mode
- No programming required

## BILL OF MATERIALS

| COUNT | NAME |
|-------|------|
| 1 | AM-3200-WF |
| 1 | TS-770-B-S |
| 1 | CEN-ODT-C-POE |
| 1 | UC-SB1-CAM |
| 1 | TSS-770-B-S-LB KIT |
| 1 | SW-XIOC-EM |
| 1 | SW-XIOC-S |
| 1 | SW-XIOC-API |
| 1 | FT2-500 |

### NOTE:

- If an HDMI input isn't needed, the AM-3100-WF can be used in this room

[1]Native/built-in Google Calendar™, Microsoft Exchange Server®, & Office 365® calendaring integration


USER INTERFACE

## SAMPLE DRAWING

Wire Legend: ● CAT 5/6  ● HDMI® CABLE  ● USB

# SMART ROOM WITH WIRELESS CONFERENCING & PRESENTATION, AUTOMATION, & CONTROL - PART 2

## SAMPLE DRAWING

**Wire Legend:** ● CAT 5/6  ● HDMI® CABLE  ● USB



OUTSIDE ROOM

CEILING
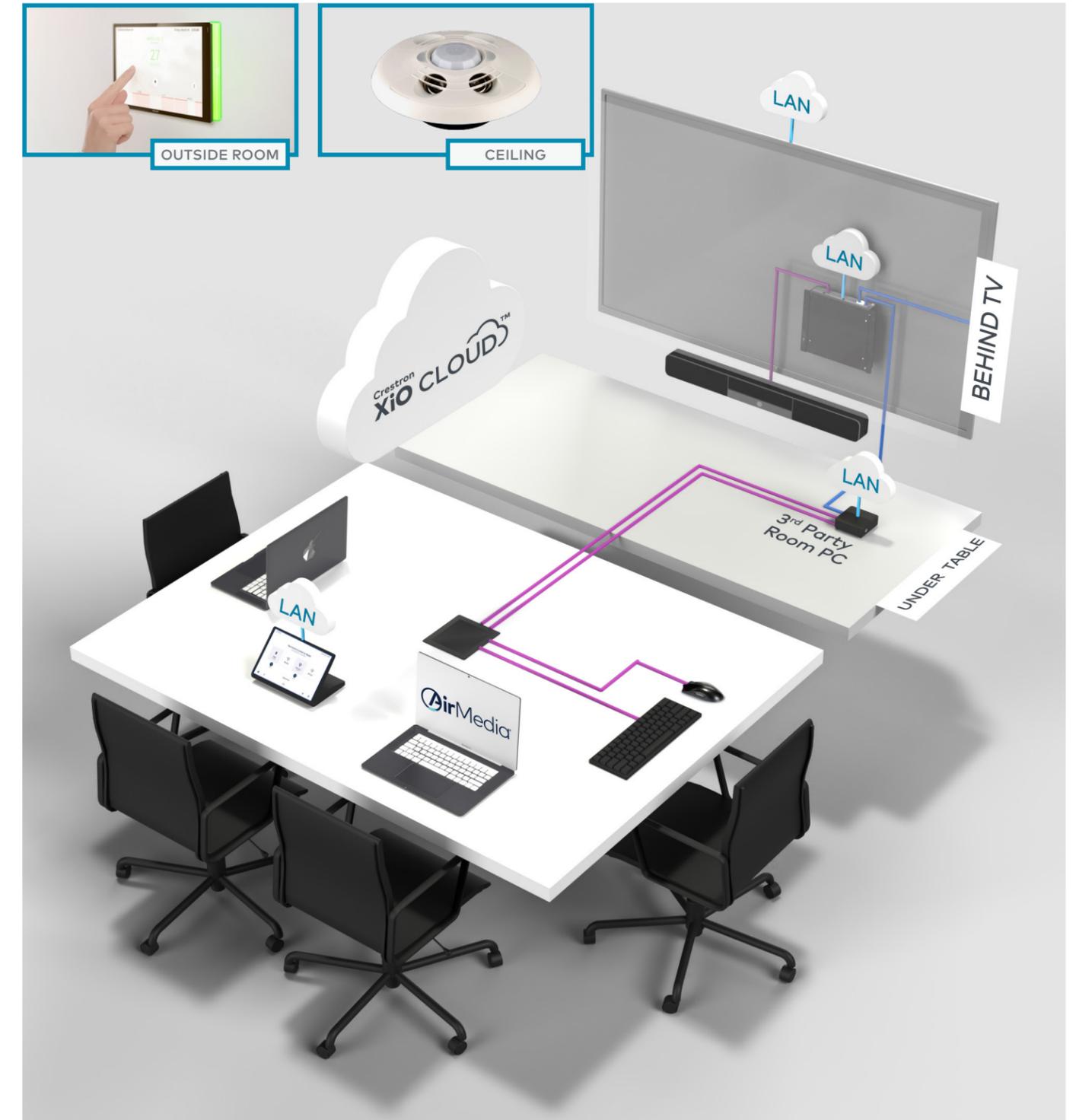
## XiO Cloud® Management Platform

- Deploy, manage, and monitor all devices from the cloud
- Multiple options to manage 3rd party devices
  - Crestron Certified partners with device drivers
  - Direct Connect to XiO Cloud Certified Crestron partners
  - XiO Cloud Gateway connection for any networked 3rd party endpoints

## FT2-500

FlipTop™ FT2 Series Cable Management System

- Cable management system makes connecting at the table simple
- Keeps the table neat and free of wire clutter in a sleek, industrial design
- Highly modular design to easily configure and update to meet the specific needs of the space

## TSS-770-B-S-LB KIT

7 in. Room Scheduling Touch Screen with Light Bar

- Supports 20+ of the top scheduling service providers including Microsoft Teams® Panel
- Remotely switch service providers via the cloud if needs change over time
- Release rooms for no-shows

- Multiple sizes, orientations, and mounting options available
- Optional high visibility, custom engraved wall or ceiling room availability indicators to make it easier to find the right room
- No programming required

## BILL OF MATERIALS

| COUNT | NAME |
|---|---|
| 1 | AM-3200-WF |
| 1 | TS-770-B-S |
| 1 | CEN-ODT-C-POE |
| 1 | UC-SB1-CAM |
| 1 | TSS-770-B-S-LB KIT |
| 1 | SW-XIOC-EM |
| 1 | SW-XIOC-S |
| 1 | SW-XIOC-API |
| 1 | FT2-500 |

**NOTE:**

- During a BYOM video call only one user can connect to the USB peripherals
- If additional users want to share content to the far end during a video call it needs to be done through the conferencing app on their own device

# NATIVE MICROSOFT TEAMS® ROOMS OR ZOOM ROOMS™ VIDEO CONFERENCING EXPERIENCE WITH EXPANDED INPUT SHARING

FOR APPLICATIONS WHERE NATIVE MICROSOFT TEAMS ROOMS OR ZOOM ROOMS VIDEO CONFERENCING HAS BEEN ESTABLISHED AS THE STANDARD ACROSS THE ENTERPRISE, BUT YOU WOULD LIKE TO ENHANCE THE ROOM EXPERIENCE WITH:

1. Multiple in-room participants sharing their device screens simultaneously to the far end during a native Microsoft Teams or Zoom call

2. Simple wireless presentation for impromptu in-person meetings

## AM-3200-WF

AirMedia® Series 3 Receiver 200 with Wi-Fi® Network Connectivity

- Offers simple, wireless presentation for multiple users simultaneously on-screen
- Flex Mode enables multiple video inputs into a Crestron Flex system for content sharing
- Wired HDMI connection for additional connectivity

## UC-B30-T/Z

Crestron Flex Small Room Conference System with Video Soundbar

- Native Microsoft Teams Rooms or Zoom Rooms experience
- One touch meeting join

- Dual display support to show more
  - One display is dedicated to on-screen content, including multiple users wirelessly from AirMedia
  - One display is dedicated to the remote video conference participants

## BILL OF MATERIALS

| COUNT | NAME |
|-------|------|
| 1 | AM-3200-WF |
| 1 | UC-B30-T/Z |
| 1 | AM-TX3-100 |

**NOTE** this is not a Wireless Conferencing example and cannot be used with wireless conferencing:

- This application is showcasing expanded video input routing via the AirMedia
- AirMedia Connect Presentation Adaptor is for wireless presentation only

## SAMPLE DRAWING

Wire Legend: ● CAT 5/6　● HDMI® CABLE　● USB

# FUTURE UPDATE: WIRELESS CONFERENCING TO ADD BYOD TO A FLEX NATIVE EXPERIENCE

THIS APPLICATION IS FOR EXISTING CRESTRON FLEX STANDARD ROOMS THAT DO NOT CURRENTLY HAVE BYOD VIDEO CONFERENCING FUNCTIONALITY

## AM-3200-WF

AirMedia® Series 3 Receiver 200 with Wi-Fi® Network Connectivity

- Adds BYOD video conferencing functionality to a Standard Flex system
  - Wirelessly connect to the room speakers, microphones, and camera from a laptop to host a meeting from any video conferencing service
  - Utilize the Flex speakers, microphones, and camera that are already in the room
- Offers simple wireless conferencing and wireless presentation
- Wired HDMI connection for additional connectivity (not shown in diagram)

## UC-B30-T/Z

Crestron Flex Small Room Conference System with Video Soundbar

- Native Microsoft Teams Rooms or Zoom Rooms experience
- One touch meeting join
- Dual display support

## BILL OF MATERIALS

| COUNT | NAME |
|---|---|
| 1 | AM-3200-WF |
| 1 | UC-B30-T/Z |

FUTURE UPDATE: WIRELESS CONFERENCING TO ADD BYOD TO A FLEX NATIVE EXPERIENCE

## SAMPLE DRAWING

Wire Legend: ● CAT 5/6 ● HDMI® CABLE ● USB

# DESIGN
# RESOURCES

For additional design support and quoting specific to your customer, be sure to contact Sales Support Services - techsales@crestron.com

All featured designs can be found in the database below:

## Design Database

## Application Drawings

## Revit® Files

## CAD Blocks

## CSI Specs

**World Headquarters**
15 Volvo Drive
Rockleigh, NJ 07647
800.237.2041
201.767.3400
crestron.com

**Latin America**
Blvd. Manuel Avila Camacho 37-1A
Col. Lomas de Chapultepec
CP 11560
México
+52 (55) 9159.5900
+ (305) 290.4978
crestron.com.mx

**Crestron Europe B.V.**
Oude Keerbergsebaan 2
B-2820
Rijmenam
Belgium
+32.15.50.99.50
crestron.com

**Australia**
Level 5
15 Help Street
Chatswood NSW 2067
Australia
+61.1800.555.040
ANZHQ@crestron.com
crestron.com

**New Zealand**
Unit 18
144-160 Beaumont Street
Westhaven, Auckland 1010
New Zealand
+64.800.273.787
ANZHQ@crestron.com
crestron.com

**Israel**
14 Hata'as Street
Kfar Saba, 4442514
Israel
+972.9.7685556
crestron.co.il

**India**
Unit 101 & 102 RMZ Ecoworld
Campus 6B Sarjapur Marathalli
Outer Ring Road
Bangalore 560103
1.800.3005.8822
INDIAsalessupport@crestron.com
crestron.com

**NE Asia**
Suite 3101-02, 31/F Oxford House,
Taikoo Place 979 Kings Road
Hong Kong
+852 800 969 996
NEAsalessupport@crestron.com
crestron.com

**China**
487 Tian Lin Road Gems Park
Block 25 Xu Hui District
P.R.C. Shanghai 200233
Toll Free Phone: 400.880.9700

**SE Asia**
31 Kaki Bukit Road 3
#01-04 & #01-05
Techlink
Singapore 417818
+65.6394.9380
crestron.com

**Japan**
1736-3 Higashitsuda-Cho
Matsue City 690-0011
Japan
+81.852.60.5185
crestronjapan.com

**South Africa**
Hampton Office Park Atterbury House
20 Georgian Crescent East Bryanston
Johannesburg
South Africa