AM-TX3-200

AirMedia® Series 3 Connect Endpoint

- *Streamlines connectivity to personal devices via a single USB-C® connection or through HDMI and USB connections*
- *Supports content sharing up to 4K30 resolution and provides access to in-room conferencing peripherals*
- *Flexible installation and deployment options, including mounting under tables, in podiums, and other locations using the supplied bracket*
- *Versatile power options, including PoE, DC power, or USB-C via a connected user device*
- *With DC power, PoE+ passthrough is available to power a connected touch screen*
- *Compatible with Wi-Fi®-enabled AirMedia® Series 3 Receivers*
- *Communicates with an AirMedia Receiver using Wi-Fi Direct, Infrastructure Wi-Fi, or a wired network*
- *No software or driver installation required*

The AirMedia® Series 3 Connect Endpoint (AM-TX3-200) enables wireless presentation and conferencing[1] when paired with a Wi-Fi® network capable AirMedia Series 3 Receiver. Deploy the AM-TX3-200 alongside a compatible AirMedia receiver in conference rooms, huddle spaces, classrooms, or almost any space to establish a productive meeting or learning environment.

A Complete System Solution

The AM-TX3-200 works alongside a compatible AirMedia receiver to provide a complete system solution. The AM-TX3-200 communicates with the AirMedia receiver using a point-to-point Wi-Fi Direct connection, an infrastructure Wi-Fi network, or a wired network.

Simple Connectivity

A personal device can be connected to the AM-TX3-200 using either a single USB-C® cable[2] or a combination of a USB-A cable[2] and an HDMI® cable[2], supporting a wide variety of devices (cables sold separately). No drivers, software, or applications are required, offering a simple and user-friendly experience.

Rapid, High-Resolution Presentation

The AM-TX3-200 leverages USB-C and HDMI for native video communication, eliminating the need for software installation on personal devices. Simply connect and start presenting to the in-room display with up to 4K30 resolution within seconds.

Seamless Conferencing

When the AM-TX3-200 is connected to a personal device via USB, the user can access in-room conferencing peripherals[3] connected to a paired Wireless Conferencing-capable AirMedia Receiver (AM-3100-WF, AM-3200-WF, AM-3100-WF-I, or AM-3200-WF-I). These peripherals can then be used on the personal device with unified communications software such as Microsoft Teams® or Zoom® software.

Flexible Deployment Options

The AM-TX3-200 is designed to be deployed in a variety of spaces with unique power, connectivity, and installation requirements. The device can be powered via PoE, DC power, or the connected user device via USB-C. When powered with a local power supply (PW-2420RU), PoE+ is available to a device connected to the AUX port, such as a touch screen.

The device is shipped with a bracket, ensuring secure mounting and easy installation.

> **NOTE:** When using USB-C to power the device, only the USB-C input is active. The AM-TX3-200 wired network interfaces will not function in this mode.

Enterprise-Grade Security

The AirMedia platform is an enterprise-grade solution that can be deployed across hundreds of spaces, and set up easily using just a web browser, Crestron Fusion® software, or the XiO Cloud® service. It employs standard network security protocols, including 802.1x network access control, Active Directory® authentication, and AES content encryption to protect privacy and ensure compliance with your organization's IT policies.

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Specifications

Communications

Ethernet	100/1000 Mbps, autoswitching, autonegotiating, full/half duplex, TCP/IP, UDP/IP, DHCP, SSL, TLS, 802.3af compliant
Wi-Fi	Dual-band Wi-Fi 6 802.11a/b/g/n/ac/ax (2.4 GHz & 5 GHz); Up to 70 ft (23 m) range at 80 Mbps, subject to site-specific conditions; Refer to Wireless Best Practices for more information.
HDMI Input	HDCP 1.4, EDID
USB	USB 2.0
OS Support	Windows 10, Windows 11, macOS® 11 or newer

Video

Input Signal Types	DisplayPort™ Alt Mode over USB-C; HDMI
Output Signal Types	Network stream, received by a paired AirMedia Series 3 receiver
Maximum Resolution	3840x2160@30Hz (2160p30); Output resolution is determined by the HDMI® output on a paired AirMedia Series 3 receiver

> **NOTE:** All video inputs will be scaled to the selected HDMI output resolution.

Audio

Input Signal Types	DisplayPort Alt Mode over USB-C; HDMI
Output Signal Type	Network stream, received by a paired AirMedia Series 3 receiver
Input/Output Format	2 channel LPCM

Connectors

HDMI INPUT	(1) HDMI Type A connector; HDMI digital video/audio input; Connect personal device for content sharing.
USB2 TO HOST	(1) USB-C connector, provides access to peripherals. Connect a USB-C to USB-A cable for use with devices without USB-C.
USB2 / DP-S TO HOST	(1) USB-C connector, supports presentation using DisplayPort Alt-Mode and access to peripherals
USB2 TO DEVICE	Reserved for future use
MAIN PoE PD	(1) 8-pin RJ-45 connector; 100BASE-TX/1000BASE-T Ethernet port and PoE Class 0
AUX PoE+ PSE	(1) 8-pin RJ-45 connector; 100BASE-TX/1000BASE-T Ethernet port and PoE+ Class 4; If enabled, connect a device such as a touch panel to provide passthrough network access. Provides PoE+ when the device is powered via DC power supply.
24V 2.5A	(1) 2.1 x 5.5 mm DC power connector; 24VDC power input; PW-2420RU power pack sold separately

Controls and Indicators

Power	(1) White LED, power supplied via the local power pack, PoE, or connected USB-C device
MAIN LAN	(1) White LED, indicates a network connection on the Main network interface.
AUX LAN	(1) White LED, indicates a network connection on the Auxillary network interface
VIDEO IN	(1) White LED indicates the presence of a USB-C or HDMI video signal
PERIPHERAL	(1) White LED indicates that conferencing peripherals are in use by the device
SETUP	(1) White LED and (1) push button for pairing to an AirMedia Receiver
RESET	(1) Recessed push button for restoring device to factory defaults

Power

Power supply:	**USB**: Powered via USB-C connection to personal device, or **PoE**: IEEE 802.3af Class 0 Powered Device, or **Power Pack** (sold separately): Input 100-240VAC, 50/60 Hz; Output 2.5A @ 24VCD; Model: PW-2420RU
Power Consumption (idle)	4W
Power Consumption (in use)	12.5W

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Power Consumption (in use and AUX PoE+ PSE passthrough)	45W

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 90% RH (noncondensing)
Heat Dissipation	47.5 BTU/hr

Construction

Chassis	Plastic, black finish, with (4) integrated mounting holes, vented sides
Mounting	Freestanding, surface mount
Mounting Bracket	Metal

Dimensions (Device)

Height	1.18 in. (30 mm)
Width	7.87 in. (200 mm)
Depth	7.08 in. (180 mm)

Dimensions (Device with Attached Mounting Bracket)

Height	1.26 in. (32 mm)
Width	8.85 in. (225 mm)
Depth	7.08 in. (180 mm)

Weight

Weight (device)	21.06 oz (597 g)
Weight (mounting bracket)	11.18 oz (317 g)

Compliance

Regulatory Model: M202106002
Intertek® Listed for US & Canada, CE, IC, FCC Part 15 Class B digital device

AM-TX3-200
AirMedia® Series 3 Presentation Endpoint

Available Accessories

For a list of available accessories, visit the AM-TX3-200 product page.

Notes:

1. Wireless Conferencing functionality through the AirMedia Connect Endpoint requires a Wi-Fi network and Wireless Conferencing compatible AirMedia Series 3 Receiver.
2. The recommended compatible cables are CBL-USB2-A-C-9, CBL-USB2-A-C-12, CBL-8K-HD-9, CBL-8K-HD-12, and CBL-USB3G1-C-C-9.
3. Crestron supports most mainstream devices and applications. For a list of supported conferencing peripherals, refer to OLH Answer ID 1001764.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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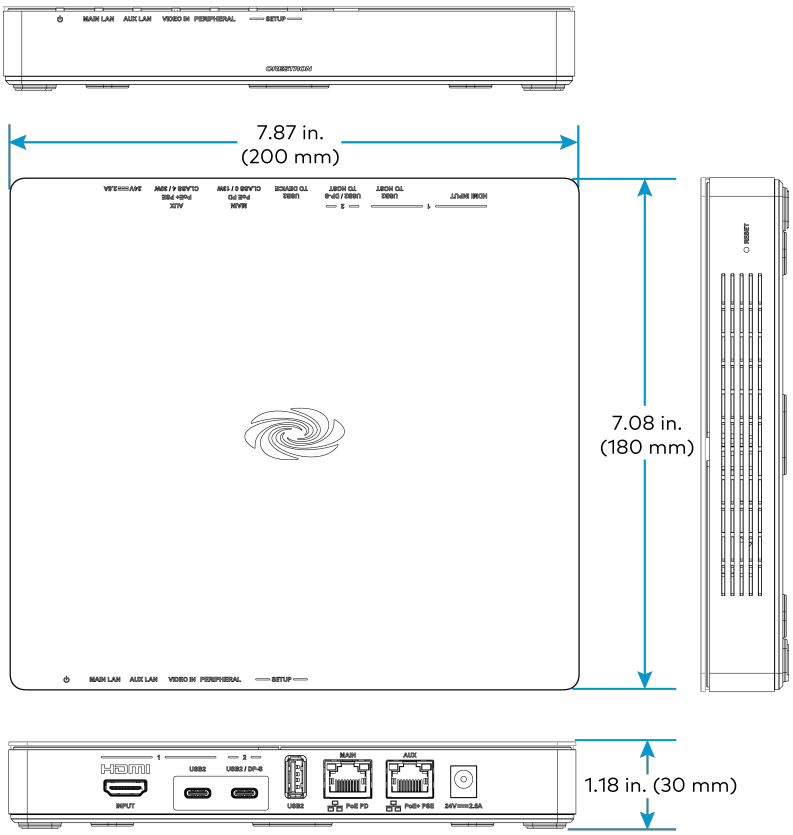

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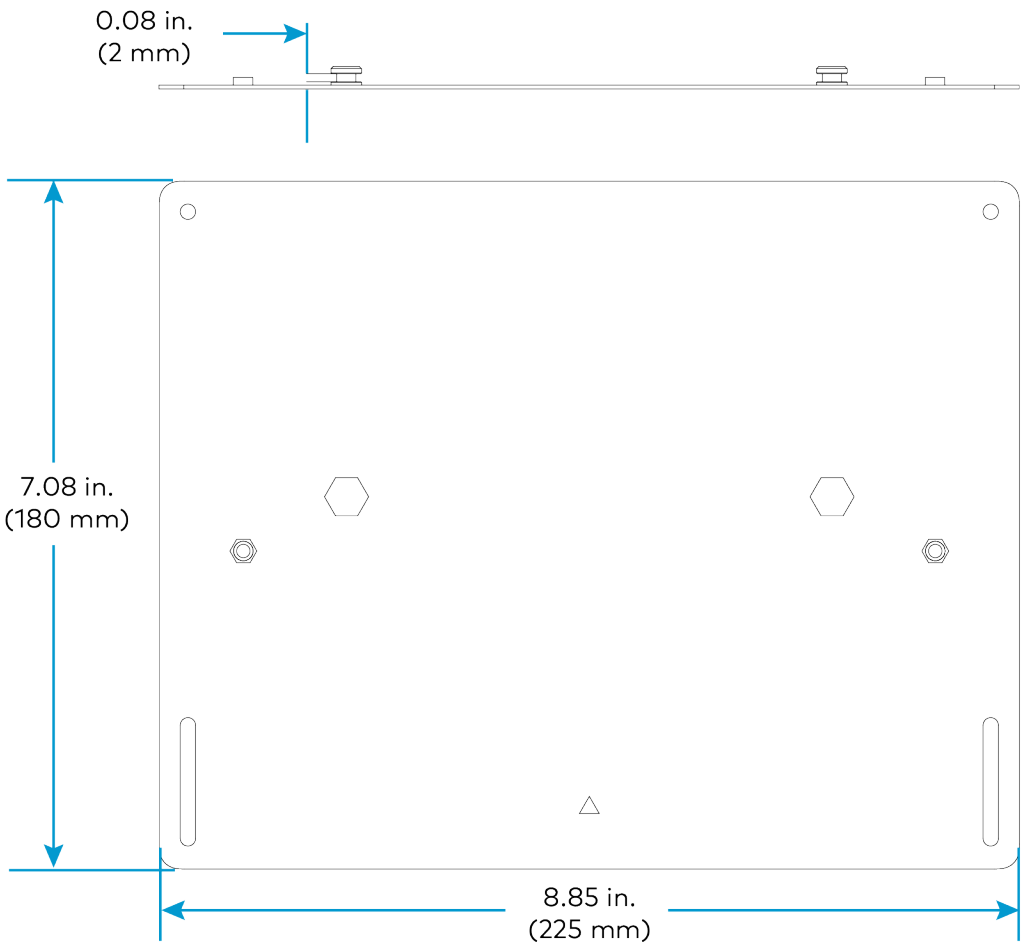
Mounting Bracket



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