

UC-SB2-CAM-A-T

Crestron Flex All-In-One Videobar 70 for Microsoft Teams® Rooms



- *Front-of-room video conferencing device for Microsoft Teams® Rooms*
- *Intelligent high-definition video, high-quality audio, built-in digital signal processor, and Microsoft Teams Rooms conferencing software, all in one Android™ OS-based Crestron Videobar 70 enclosure*
- *Easy to deploy and install – no custom design, programming, or software installation required*
- *Network management and provisioning and system alerts through the XiO Cloud® service*
- *Enterprise-grade security – connects and communicates securely over any enterprise or SMB (Server Message Block) network*
- *Supports up to two video displays (not included)*

The UC-SB2-CAM-A-T Crestron Videobar 70 provides a medium to large room video conference solution for use with Microsoft Teams® Rooms. It simplifies communication and collaboration with fewer components and maximum efficiency. It offers easy setup and installation, optimized space usage, seamless collaboration and content sharing, and scalable deployment.

High-Definition Video Conferencing

The powerful and elegant all-in-one (AIO) Crestron Videobar 70 provides a convenient and compact conferencing solution for medium to large-sized meeting rooms. It comprises:

- A quad-camera setup that captures the full room in 4K, automatically tracks and frames the presenter or everyone in the room based on its configuration, and enhances video content using AI.
- Dual 10 W speakers produce full, rich, and natural-sounding audio. Additional digital signal processing with AEC and noise reduction assures optimal sound quality for an immersive experience.
- Integrated 24-microphone array to capture voices throughout the room using adaptive beam forming technology. AI noise cancellation is also provided to ensure crystal-clear communication with exceptional audio fidelity and pickup.
- Android™ OS running on the QCS8250 chipset ensures a smooth and reliable conferencing experience.

Native Microsoft Teams® Rooms Experience

The UC-SB2-CAM-A-T brings the full Microsoft Teams Rooms UC experience to large or medium meeting rooms in an enterprise or SMB facility.

Android OS-Based Conferencing System

As an Android OS-based conferencing system, the UC-SB2-CAM-A-T provides a consistent, secure experience. It runs on Android OS to ensure compliance with enterprise requirements.

Simplified Deployment

The videobar has intelligent high-definition video, high-quality audio and comes with a ready-to-mount wall mounting bracket. It can be installed behind a VESA® compliant display using the optional [UC-SB2-DMK](#) (sold separately) display mounting kit. It can also be installed onto a table or similar surface using the optional [UC-SB2-TTK](#) (sold separately) tabletop mounting kit.

Easy Provisioning and Device Management

The XiO Cloud® service is an IoT cloud-based provisioning service (available separately) that enables installers and IT managers to easily deploy and manage thousands of devices. The XiO Cloud service provides system alerts, network management and provisioning, and pairing of a control device to the videobar.

Visit www.crestron.com/xiocloud for additional information.

Enterprise-Grade Security

The Crestron Flex enterprise-grade solution is equipped for mass deployment throughout any sized corporate, university, medical, military, or government facility.

Premium-Level Support

Crestron Flex Care is an optional subscription service that automatically renews annually, providing 24/7 live remote technical support, an extended five year warranty on Crestron® branded hardware, expedited advance replacements, and a discounted rate for onsite support.

Visit www.crestron.com/flexcare for detailed terms and conditions and additional information.

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Specifications

Speakers

Speaker	Dual 10 W speakers
Audio DSP	Acoustic echo cancellation, dereverberation, automatic gain control, dynamic noise suppression, adaptive beamforming, speaker volume control, speaker EQ and limiting (fixed);

Microphones

Microphone	24 mic linear array
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NOTE: Microphone pickup range may vary in rooms with highly reflective infrastructure (for example, glass walls, metal furniture, open ceilings, etc.) or above average ambient noise. The maximum range is 29.5 ft (9 m).

Video

Quad Camera Configuration	(1) Main camera; (1) Left, (1) center, and (1) right sub cameras with 14° overlap
Main Camera Optics	Main camera 20 Megapixels 1 in. sensor
Camera Field of View	Main Camera: 84.3° horizontal, 53.8° vertical; Left, center and right sub cameras: 41° horizontal, 23° vertical
Camera Resolution	Main Camera: 5472 x 3078 pixels; Left, center and right sub camera: 3840 x 2160 pixels
Auto zoom	7.5x digital zoom
Camera Shutter	Mechanical, electronically controlled

Operating System

Android OS running on the QCS8250 chipset

Connectivity

Ethernet	100/1000 Mbps Ethernet connectivity
Wi-Fi® Connectivity	Dual Band Simultaneous Wi-Fi 6 2x2 80 MHz
Bluetooth® Connectivity	Bluetooth 5.2 (for future use)
UC Client Management Client	Microsoft Teams® Rooms XiO Cloud® Service

Content Ingest	HDMI input on Crestron Videobar 70 or direct sharing
Display Output	Up to two displays supported
Display Output Resolution	(2) 4K
Video Input Signal Types	HDMI, 1080p 30
Video Output Signal Types	HDMI, 4K30
Video Content Protection	HDCP 1.4 and HDCP 2.2
Audio Input Signal Types	HDMI: Two-channel LPCM
Connectors	HDMI port: (2) HDMI In (Input 2 reserved for future use), (3) HDMI Out (Output 3 reserved for future use); 3.5 mm Line in / Line out: (1) Audio In, (reserved for future use) (1) Audio Out (reserved for future use); LAN: (2) 8-pin RJ-45 connector; USB A: (2) USB 3.0 Type A Connector for Touch Screen; USB C: (2) USB 3.1 Type-C connector for Mic (reserved for future use)

BYOD

Supported via local connection to HDMI and USB-C. Alternatively a DM™ Essentials TXU/RXU pair may be used or AirMedia® 3 solution may be used to achieve single USB-C connectivity.

Indicators

LED Indicators	Green indicates microphones are unmuted; Red indicates microphones are muted
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Power

Input Power	19VDC via external 100-240VAC, 50/60 Hz power pack (included)
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Environmental

Temperature	32° to 104°F (0° to 40°C)
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Construction

Enclosure	Plastic, smooth black finish; Speaker and camera housing, rear air vents, integrated mounting bracket
Mounting	Wall mount using integrated mounting bracket; Tabletop mounting kit, UC-SB2-TTK (sold separately); VESA® compliant display mounting kit, UC-SB2-DMK (sold separately)

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Dimensions

Height	4.33 in. (110 mm); 6.38 in. (162 mm) with bracket;
Width	38.58 in. (980 mm)
Depth	3.77 in. (96 mm); 4 in. (101 mm) with bracket

Weight

13.2 lb (6 kg)

Compliance

Regulatory Model: M202108007
FCC Part 15 Class B, CAN ICES-3 (B)/NMB-3(B), UL, TUV SUD, WEEE

Model

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Available Accessories

For a list of available accessories, visit the [UC-SB2-CAM-A-T](#) product page.

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 contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

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

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

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HDMI

Specifications are subject to change without notice.

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