

Cisco Room Bar Pro

June 2023



Cisco Room Bar Pro

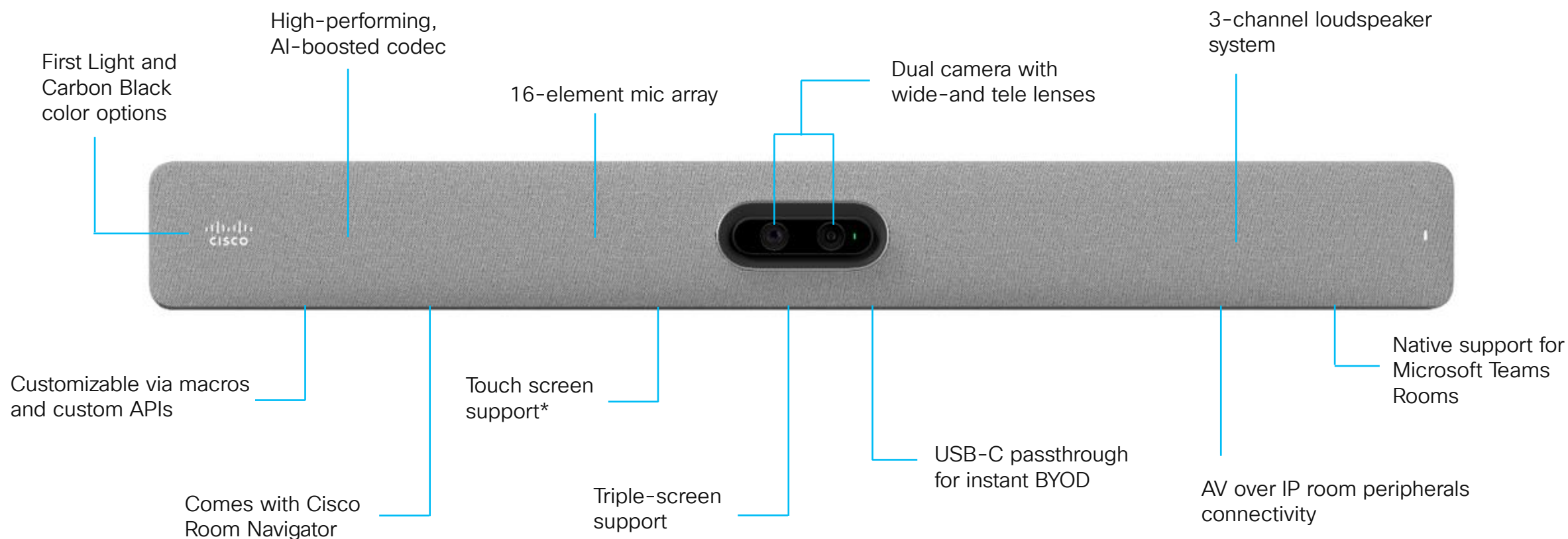
Overview

- Integrated, powerful video collaboration bar featuring a NVIDIA chipset with embedded AI
- 96MP dual camera system
- Beamforming, noise cancelling microphone array
- 3-channel loudspeakers for clear stereo sound
- Supports three screens for video and content
- Dual wired content sources
- USB passthrough for instant BYOD meetings
- Streamlined AV over IP for room peripherals
- Comes with the Cisco Room Navigator tabletop control unit for native conference controls, access to device settings, room controls, and environmental sensor-based monitoring.
- Third-party video interoperability to join Zoom, Microsoft Teams and Google Meet.



Cisco Room Bar Pro

Hardware at a glance



Triple-screen support

Augmented experience with the option to display live video or video and content divided on three screens.

Triple-screen support requires Room OS.



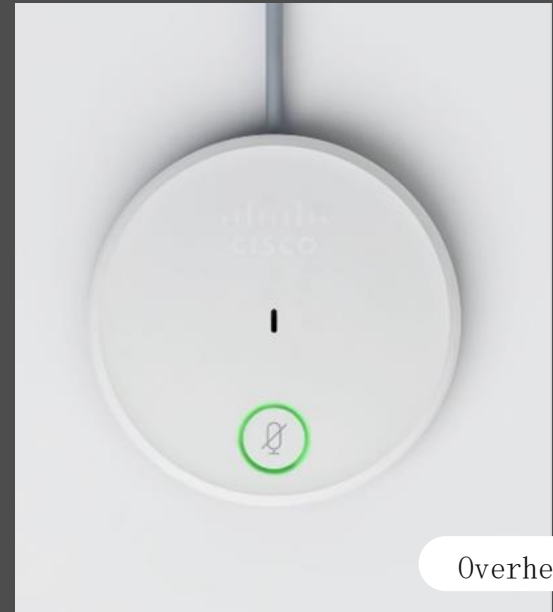
External microphone extension

Audio pickup can be extended with external microphones to adapt to a wider array of meeting spaces over IP (support for up to three Cisco Table Microphone Pro units), USB and analog connectivity.



Cisco Table Microphone

- Designed for tables and desks
- Omnidirectional wideband
- Mute/unmute button with green/red LED ring
- No configuration required
- Optional 9 meters extension cable available
- Magnetic underside
- 3.5 mm mini-jack supported on Codec EQ



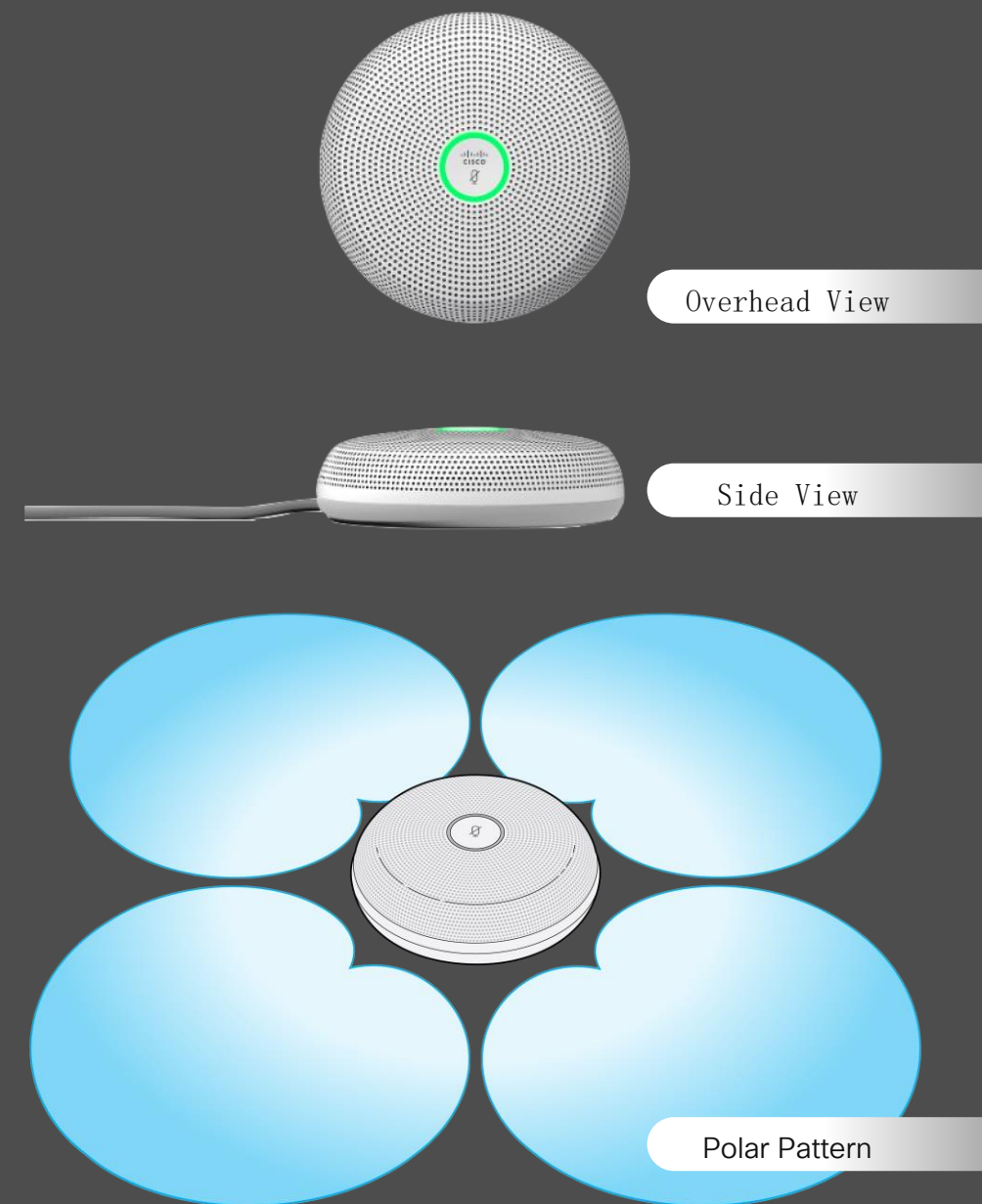
Overhead View



Bottom View

Cisco Table Microphone Pro

- 4 Directional Digital Microphone Elements
- RJ45 Connection at Codec
- Standard SRTP Encrypted Communication back to the Codec
- 3x Supported by Codec EQ
 - Can be expanded to 8x with AV Integrators Option Key
- Capacitive Mute Button
- LED Mute Status
- Recommended Pickup Range: 1.5m
- Recommended Placement: Between Speakers
- Monitored by Control Hub

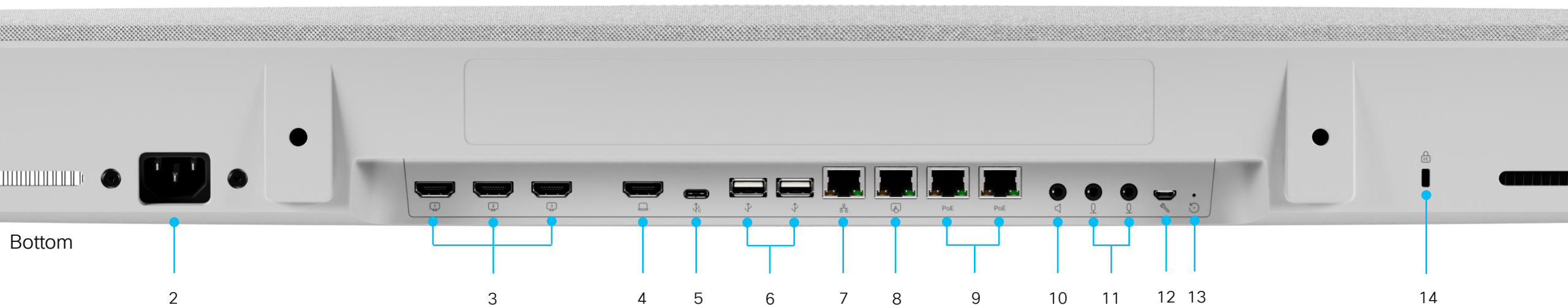


Top



Cisco Room Bar Pro

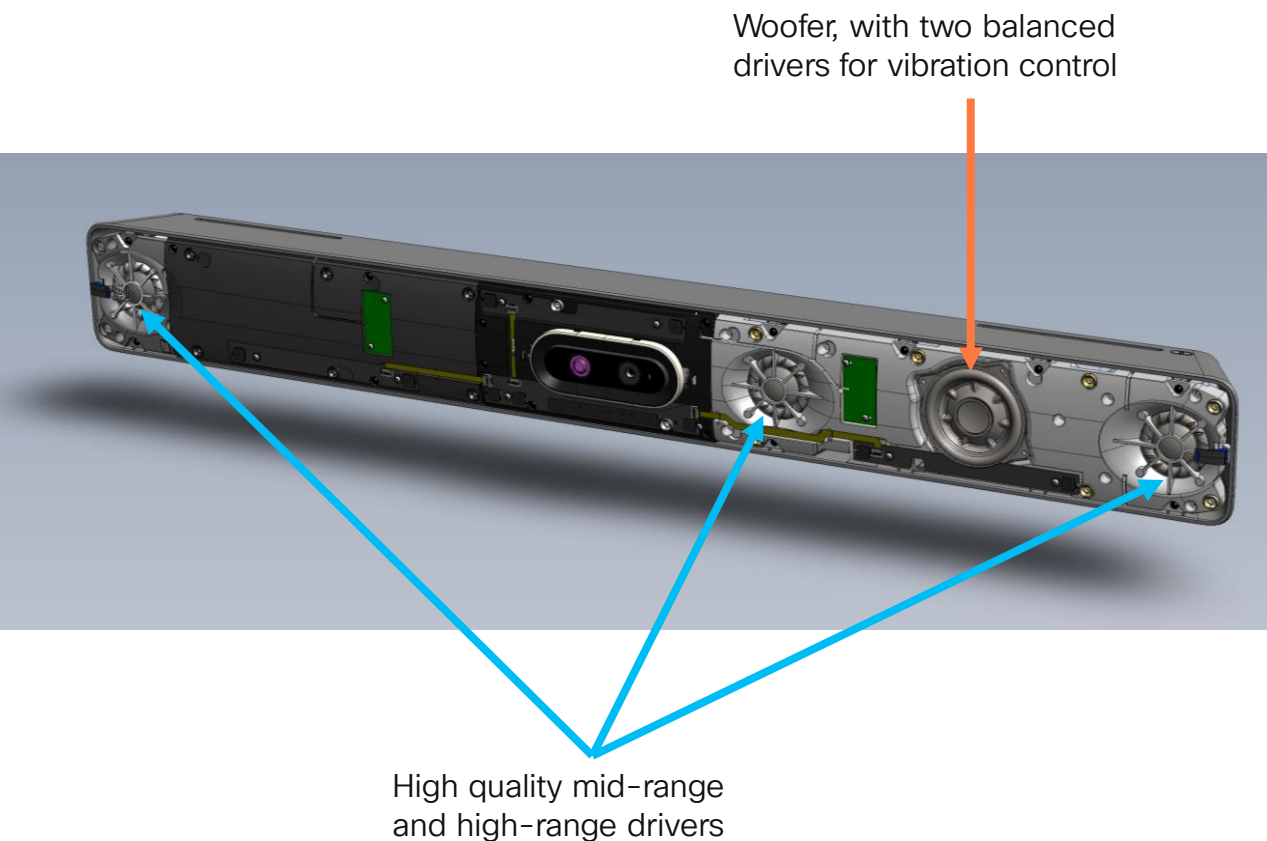
Inputs and outputs



1 - Power switch	6 - USB-A	11 - Analog line in for mic input
2 - Power	7 - Network	12 - Maintenance (micro USB)
3 - HDMI out: Screen 1, 2, and 3 (No audio)	8 - Network PoE - Touch controller	13 - Factory reset pinhole
4 - HDMI in (Audio in)	9 - Network PoE - Local peripherals	14 - Kensington lock
5 - USB-C: USB-passthrough and content sharing	10 - Analog line output	

Audio specifications

Loudspeaker system



3-channel loudspeaker system with 3 high-quality full range drivers and a separate mechanically balanced dual woofer section, supporting directional audio

Loudspeaker system frequency response 70 Hz to 22 kHz
[+ 3/-6 dB]

Max output Sound Pressure Level 97 dB

Inputs:

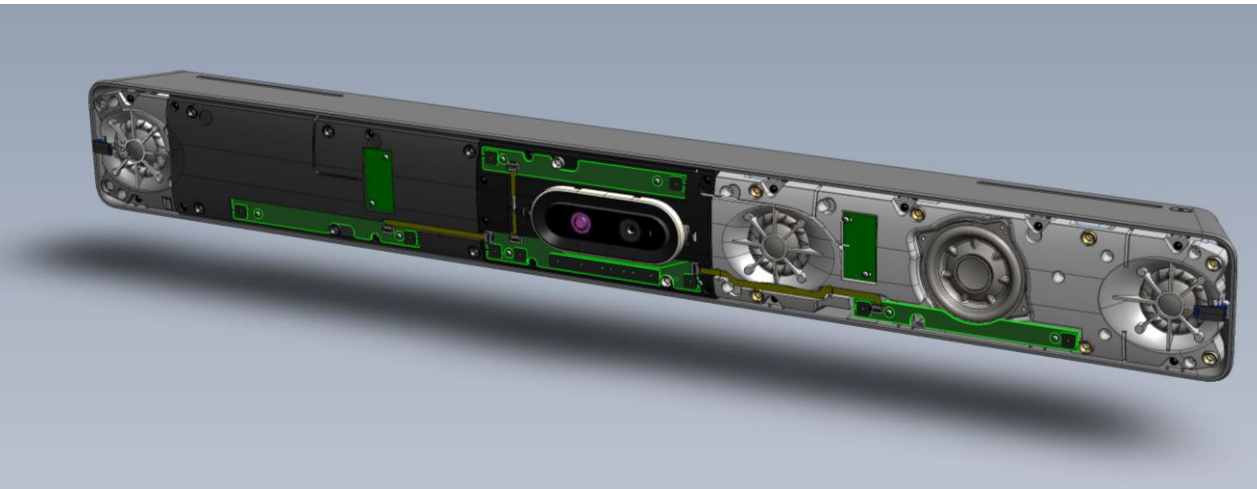
- 1x HDMI input
- 2x analog line in for microphone input
- Up to 3x digital microphones via PoE
- 1x DisplayPort/USB-C (input)
- 1x USB-A inputs, could be connected via any of the USB-A ports
- Bluetooth® and Bluetooth® Low Energy*
 - Not available on Non Radio version

Outputs:

- 1x analogue line output
- 1x DisplayPort/USB-C (output)
- 1x USB-A outputs, could be connected via any of the USB-A ports
- Bluetooth® and Bluetooth® Low Energy*
 - Not available on Non Radio version

Audio specifications

Microphones



16-element beamforming microphone array

- Dual function:
 - Speaker tracking
 - Speech pickup (up to 4 m/13 ft)
- Enhanced pickup to sides and rear
- Reduced noise and reverberation pickup

2x External microphone inputs (3,5mm mini jack) for extended pick-up range

Up to 3x digital microphones via PoE (Certain configurations may require an Ethernet switch)

- Cisco Table Microphone Pro multi-directional conferencing device
- Third-party microphones via AES67 audio interoperability *

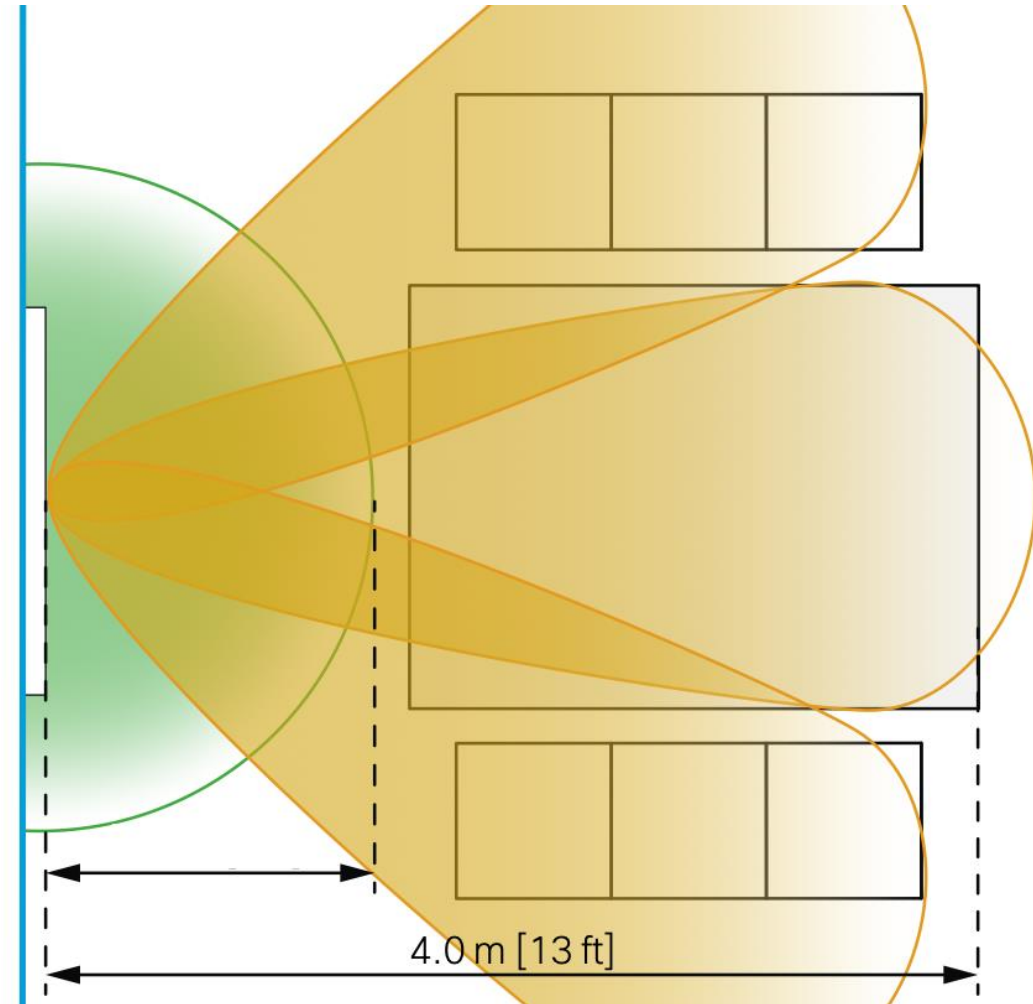
Audio deployment

Internal microphone array

Near talker (green zone):

- Activated by talker moving to within 1.1 m / 3.6 ft of Room Bar Pro
- Deactivates when talker moves more than 1.3 m / 4.2 ft away

Beam forming mics used for talkers within the 1.3 to 4 m (4.2-13 ft) range



Audio deployment

Internal microphone array with Cisco Table Mic or Cisco Ceiling Mic

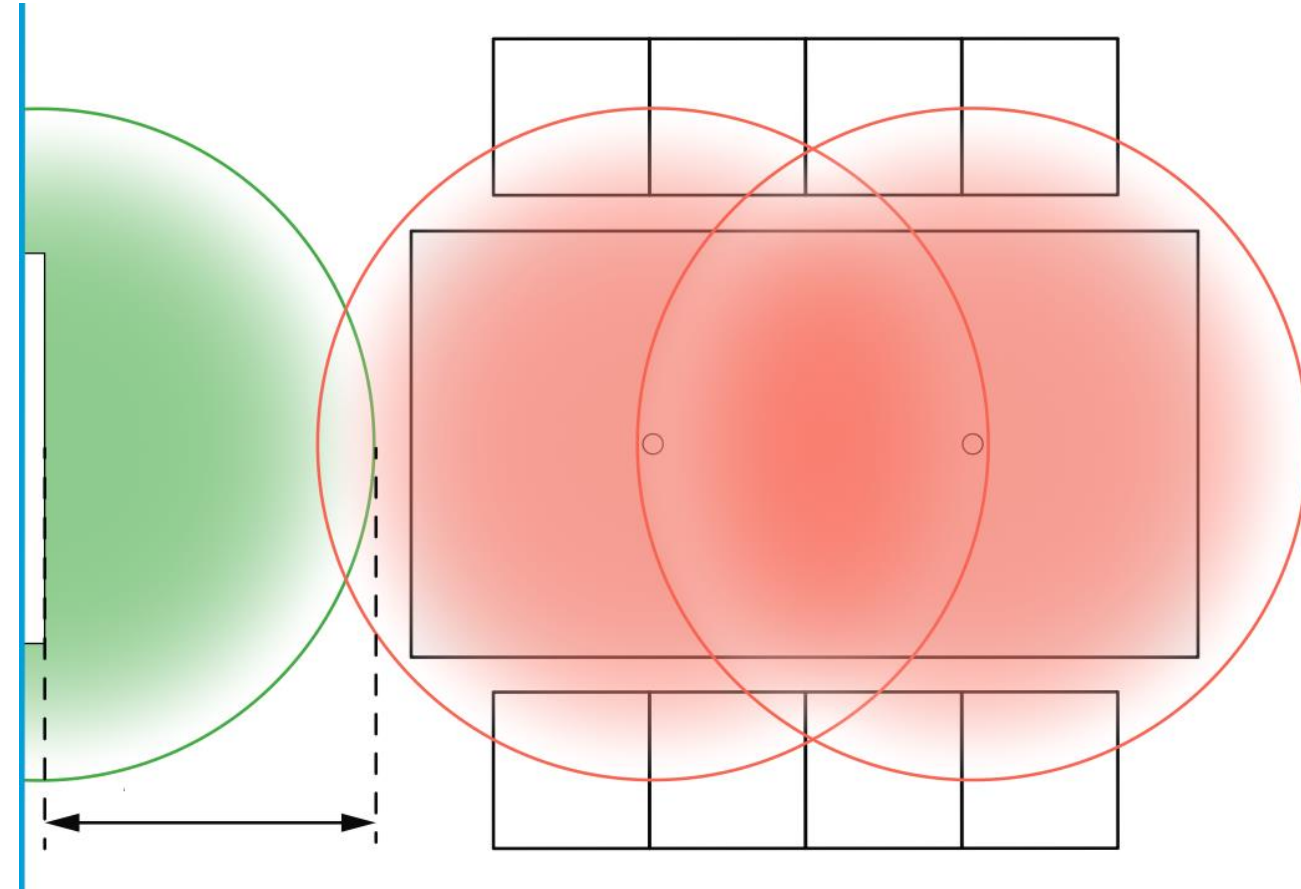
Near talker (green zone):

- Activated by talker moving to within 1.6 m/5.2 ft of Room Bar Pro
- Deactivates when talker moves more than 1.9 m/6.2 ft away

Beam forming mics are deactivated when Cisco Table Mic or Cisco Ceiling Mics are connected.

If connecting a USB microphone, all internal microphones and all external analogue microphones are deactivated.

Near talker mode in conjunction with Table Mic Pro will be supported soon after launch.



Camera specifications

- Dual camera system, both with 48 MP image sensors
- Motorized tilt (between -2° and 20°)
- 30 frames per second
- 1/1.3'' Quad Bayer
- 5x digital zoom
- Wide-lens:
 - 112° HFOV, VFOV: 94°
 - f/2.8 fixed on wide-lens
 - Fixed focus
- Tele-lens:
 - HFOV: 70° VFOV: 55°
 - f/1.85 fixed
 - Auto focus (VCM)
- Auto brightness and white balance
- Automatic rotation of the image when the video bar unit is mounted upside down
- Auto framing (face detect), Speaker tracking, manual camera adjustments

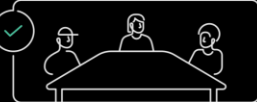


Motorized camera tilt

←

How to find the best camera view

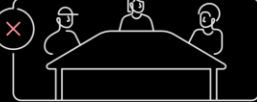
✓



In the next step you will adjust the camera view.


For a correct angle, make sure all faces appear in the upper part of the camera view.

✗



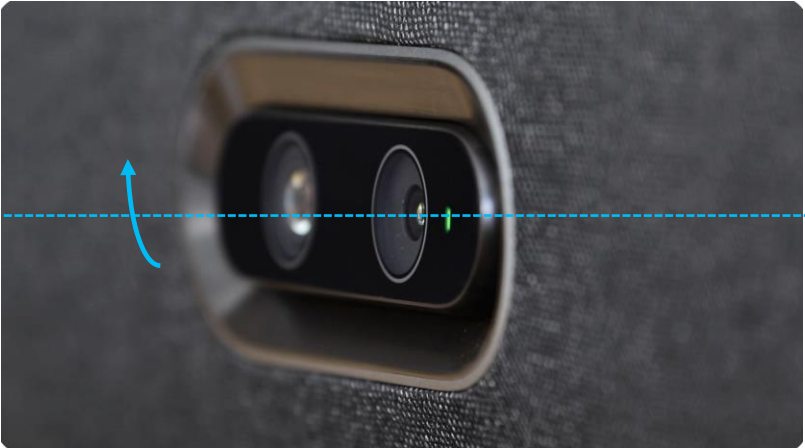
Too low. Tilt the camera view up.

✗



Too high. Tilt the camera view down.

Continue



-2°

A close-up photograph of a motorized camera lens. A horizontal dashed blue line passes through the center of the lens. A curved blue arrow on the left indicates a downward tilt. A green vertical line on the right side of the lens indicates the tilt angle, which is labeled as -2°.

←

Camera View

Does the camera give you a good view of the meeting room?
If not, make adjustments with the buttons below.

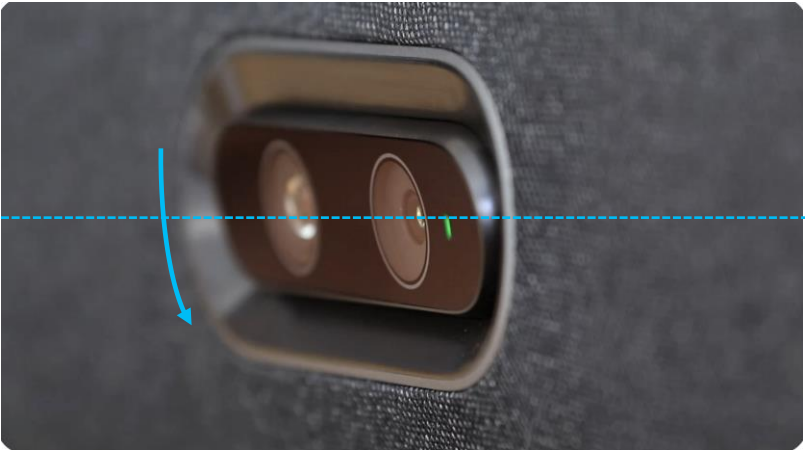
Tilt up

⤴

⤵

Tilt down

Continue



20°

A close-up photograph of a motorized camera lens. A horizontal dashed blue line passes through the center of the lens. A curved blue arrow on the left indicates an upward tilt. A green vertical line on the right side of the lens indicates the tilt angle, which is labeled as 20°.

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Dimensions & weight

Main unit:

- Width: 37.8 in. (96 cm)
- Height: 4.3 in. (11 cm)
- Depth: 3.5 in. (9 cm)
- Weight: 9.86 lb. (4.47 kg)



Packaging:

Complete Room Bar Pro, with Table Stand Navigator, Mounting and necessary cables.

- Width: 44.3 in. (112.6 cm)
- Height: 9.2 in. (23.3 cm)
- Depth: 8.9 in. (22.7cm)
- Weight: 19.6 lb. (8.9 kg)

The perfect blend of flexibility and meeting intelligence

A portfolio of purpose-built video bars and collaboration kits powering modern workspaces.



Cisco Room Bar

Integrated video bar appliance designed simple, flexible and cost-effective video-enablement of small workspaces



Cisco Room Bar Pro

Bringing together the best of both worlds with easy-to-deploy, AI-powered meetings scaled to the medium workspace



Cisco Room Kit EQ

Advanced meeting room intelligence, multi-camera cinematic meetings, rich connectivity for large workspaces

Room Bars

Room Bars



Room USB






Room Bar



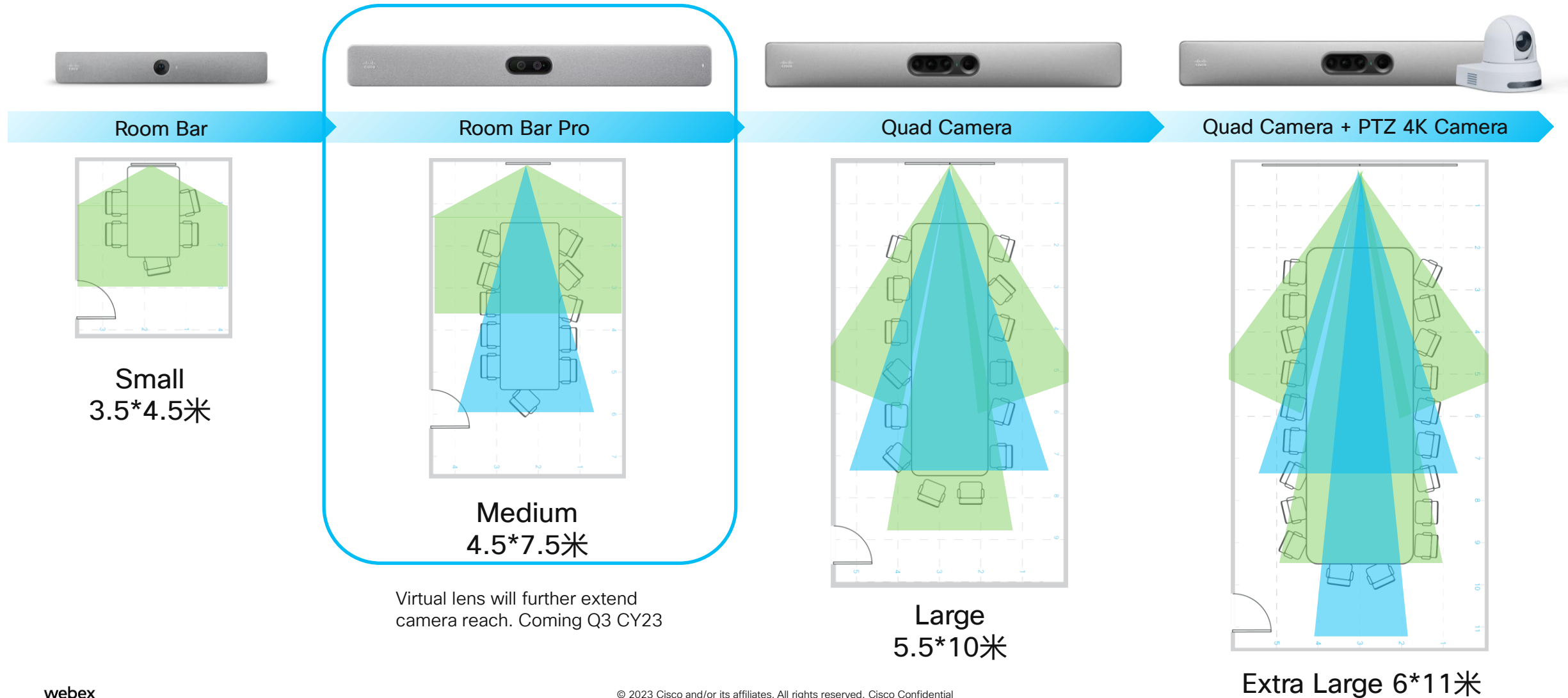
Room Bar Pro

Camera	Single-lens, 8MP, 120° HFOV	Single-lens, 12MP, 120° HFOV	Dual-lens, 96MP, 112° & 70° HFOV
Audio	Mono speaker; internal mic array	Spatial sound; internal mics + mic extension	Spatial sound; built-in mics; audio over IP, USB & analog
Screen	Single-screen support	Dual screen (4Kp60)	Triple screen (4Kp60)
Controls	With basic remote controller	Touch controls with Room Navigator	Touch controls with Room Navigator
I/O	Basic (HDMI, USB-A/C, PoE)	Extended with analogue, USB-A/C, HDMI, PoE	Extended with analogue, USB-A/C, HDMI, PoE
Room	Huddle, small meeting room	Huddle, small meeting room	Medium
Interop	BYOD for laptop- based meetings	Native RoomOS and Microsoft Teams	Native RoomOS and Microsoft Teams
Form Factor	Integrated USB video bar	Integrated video bar appliance	Integrated video bar appliance

Room Bar Pro and Room Kits

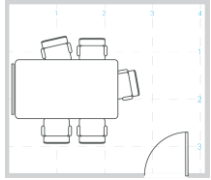
	Room Bars	Room Kits	
	 <p>Room Bar Pro</p>	 <p>Room Kit EQ</p>	 <p>Room Kit Pro</p>
Camera	Dual-lens, 96MP, 112° & 70° HFOV	Quad-lens, 80MP, 83° HFOV, 3x50° HFOV	Quad-lens, 80MP, 83° HFOV, 3x50° HFOV
Audio	Spatial sound; built-in mics; audio over IP, USB & analog	Mono speakers; AoIP, USB & analog	Mono speakers; AoIP, USB & analog
Screen	Triple screen (4Kp60)	Triple screen (4Kp60)	Triple screen (2x4Kp60, 1x4Kp30)
Controls	Touch controls with Room Navigator	Touch controls with Room Navigator	Touch controls with Room Navigator
I/O	Extended with analogue, USB-A/C, HDMI, PoE	Advanced with analogue, USB-A/C, HDMI, PoE	Advanced with analogue, USB-A, HDMI, SDI, PoE
Room	Medium	Large	Extra large, specialist AV integration
Interop	Native RoomOS and Microsoft Teams	Native RoomOS and Microsoft Teams	Native RoomOS and Microsoft Teams
Form Factor	Integrated video bar appliance	Modular Room Kit appliance	Modular Room Kit appliance

Unrivalled inclusive meetings for any workspace



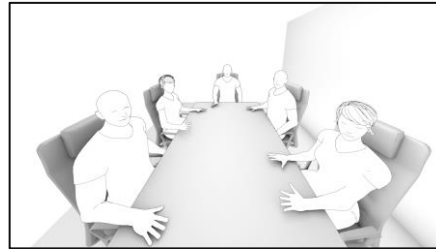
Select the right device to get the video experience optimal

1080p

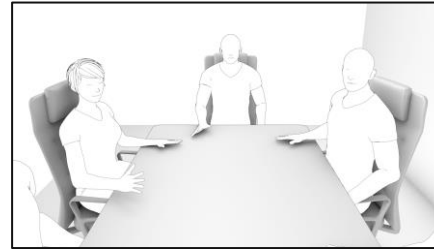


Small Meeting Rooms

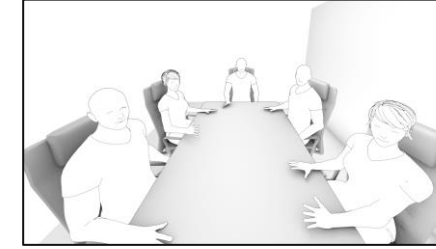
Typical 3.5m x 4.5m / 11' x 14'



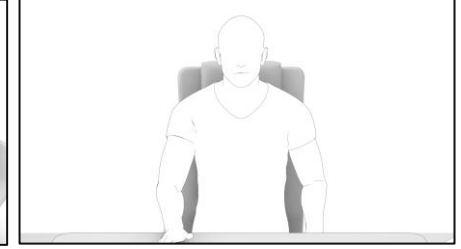
Cisco Room Bar
Wide - 120° HFOV



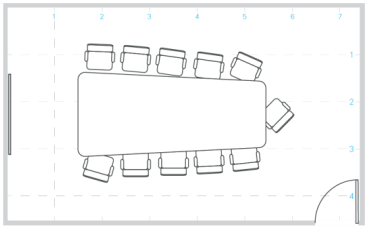
Focus - 120° HFOV, 2.4x zoom



Cisco Room Bar Pro
Wide - 112° HFOV

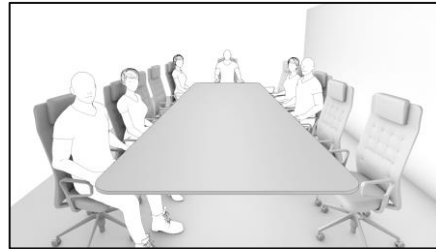


Focus - 70° HFOV, 2.33x zoom

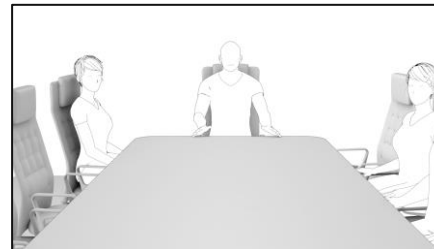


Medium Meeting Rooms

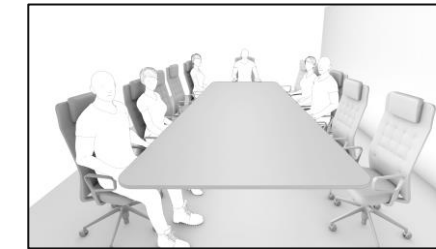
Typical 4.5m x 7.5m / 14' x 25'



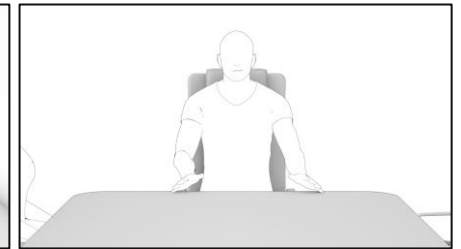
Cisco Room Bar Pro
Wide - 112° HFOV, 1.7x zoom



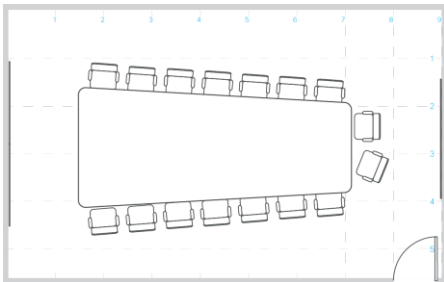
Focus - 70° HFOV, 2.33x zoom



Cisco Room Kit EQ/Pro w/ Quad Cam
Wide - 83° HFOV

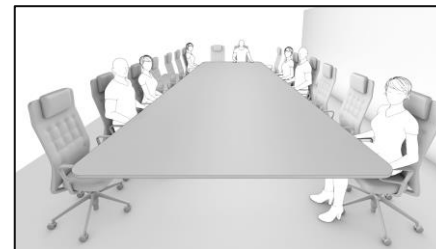


Focus - 50° HFOV, 2.625x zoom

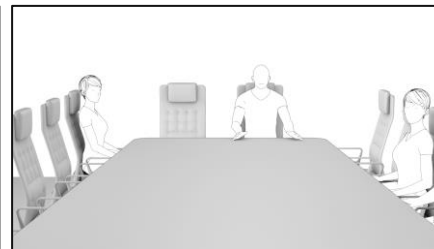


Large Meeting Rooms

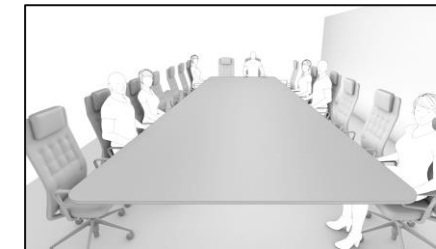
Typical 5.5m x 10m / 18' x 33'



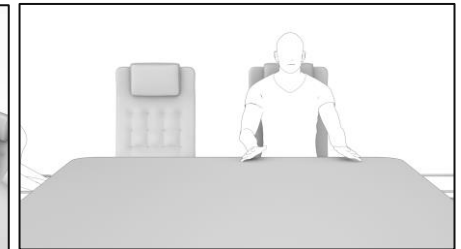
Cisco Room Bar Pro
Wide - 112° HFOV, 1.5x zoom



Focus - 70° HFOV, 2.33x zoom



Cisco Room Kit EQ/Pro w/ Quad Cam
Wide - 83° HFOV



Focus - 50° HFOV, 2.625x zoom

Equip any medium workspace

The most flexible video bar solution to equip medium-sized meeting spaces

Meeting rooms



Video-centric spaces



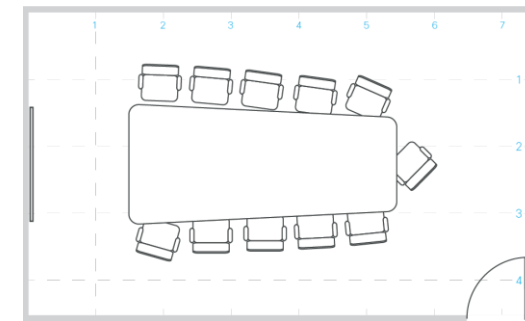
Training rooms



Recommended deployment

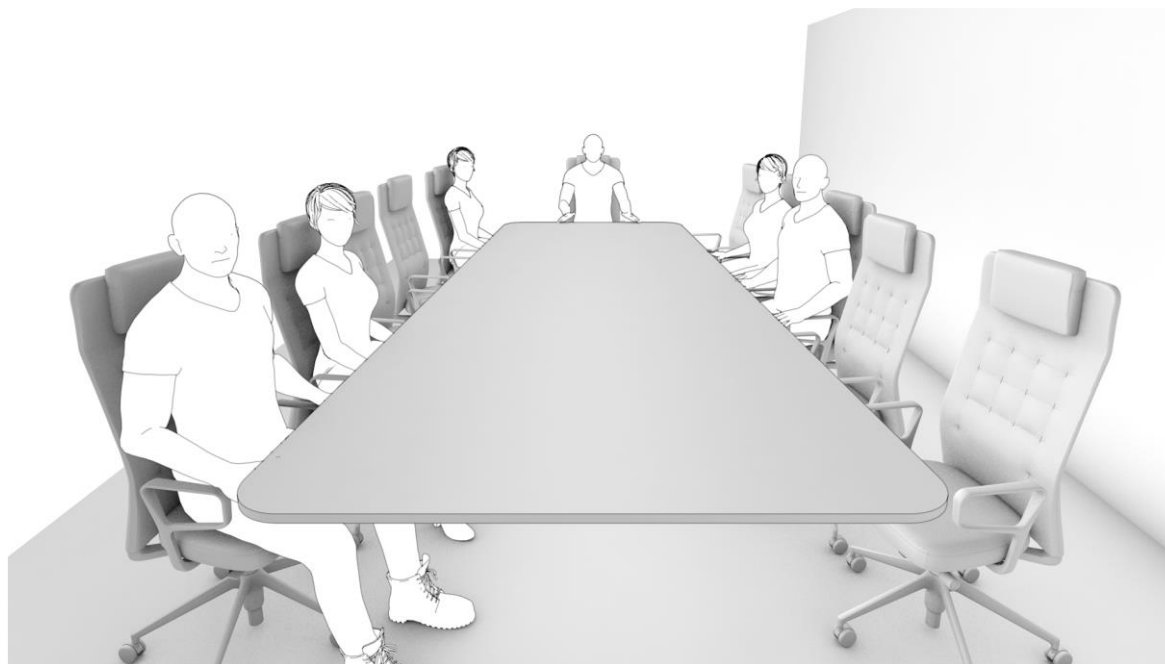
Medium meeting room – 7.5m x 4.5m / 11' x 14'

Camera height : 1.8m / 6'



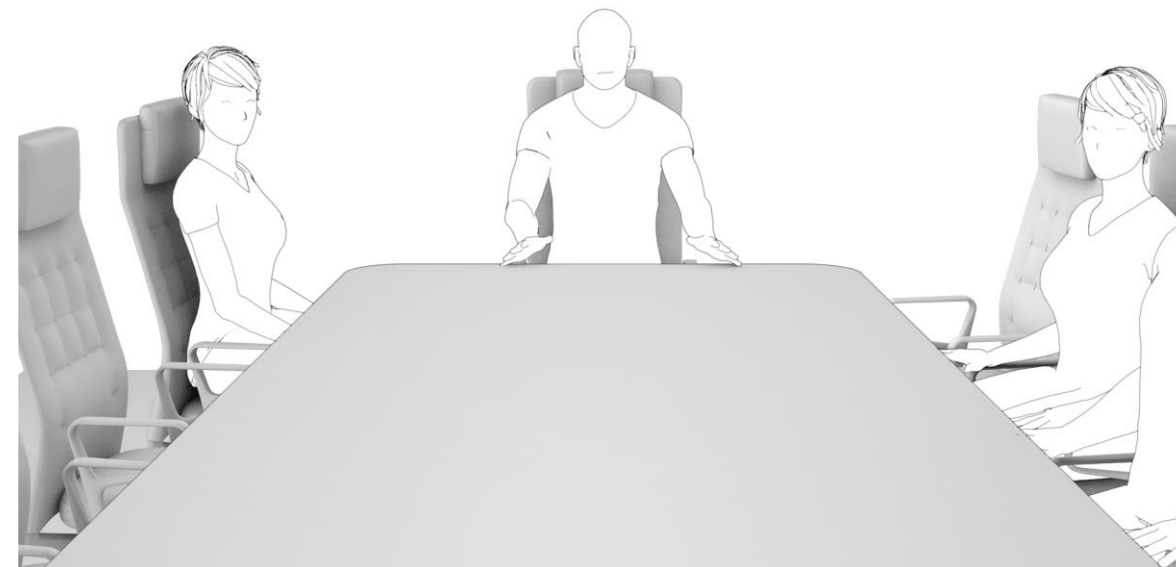
Room Bar Pro | Best Overview

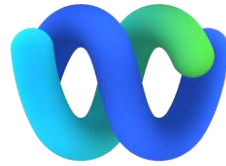
112FOV | 1.7x zoom (max 2.1x @1080p)



Room Bar Pro | Speakertrack

70 HFOV | 2.33x zoom (1080p)





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