Cisco
Room Kit EQ

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Cisco® Room Kit EQ is an AI-powered collaboration device solution that includes the multi-lens Quad Camera, the powerful Codec EQ computing engine, and other room peripherals to enable true-to-life video conferencing on any platform. It integrates with up to three external displays while providing unparalleled camera and audio intelligence to create more inclusive video meetings and rich content experiences from large conference rooms, boardrooms, training rooms, and auditoriums.

Product overview

Cisco Room Kit EQ is a collaboration device bundle that is optimized for RoomOS for native Webex meetings and powerful video interoperability with third-party meeting platforms, and will natively support the Microsoft Teams Rooms experience augmented with full-featured Webex meetings. This intelligent hardware offering delivers next-generation video and audio experience to enable more equitable and engaging meetings.

Bring more equity and intelligence to your large workspaces

Room Kit EQ features the new Cisco Codec EQ, the ultimate AI-powered collaboration hub that brings more connectivity, computing power, and intelligence to modern meeting spaces. This is augmented with the multi-lens Cisco Quad Camera, which offers optimized, equitable camera views, high-performing UHD image processing, sharp focus, and stunning zoom capabilities.

The system provides a distraction-free, elevated audio experience with a built-in speaker system, machine learning–based noise removal, and seamless connectivity with directional Cisco microphones and third-party audio systems so that everyone comes across loud and clear. Better still, it offers flexible configuration options via PoE, HDMI, USB and analogue connectivity to equip large spaces, stunning 4K content with industry-standard wireless sharing technologies, and powerful USB passthrough to turn your laptop into an instant studio with a single cable.

The Room Kit EQ provides optionality and extensibility with a highly modular setup to easily add touch controllers, cameras, speakers, microphones, and other room peripherals – easing the configuration and scaling of complex, multi-component audiovisual environments. This solution is rich in functionality and experience yet easy to deploy, maintain, and scale to your workspaces – and comes with unified cloud device management and workspace analytics in Control Hub.

Figure 1. The Cisco Room Kit EQ in a conference room with the Quad Camera, the table-stand Room Navigator, and the Cisco Table Microphone Pro.

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Product features and benefits

FEATURE	BENEFIT
Inclusive, cinematic video meetings	• Full HD video conference device bundle optimized for large workspaces, • Intelligent collaboration kit solution including the intelligent Quad Camera, the AI-powered Codec EQ, and optional room peripherals, integrating with up to three external screens • Integrated 80 MP camera system, loudspeaker system, and microphones (for speaker tracking) in the Quad Camera; can be extended with external microphones, speakers, touch controller, and other room peripherals • Platform independence to run the native Cisco RoomOS or Microsoft Teams Rooms experience. When configured for RoomOS, seamless meeting-join experience for Webex meetings and third-party video interoperability with Microsoft Teams, Zoom, and Google Meet • Sleek, elegant hardware design and intuitive software experience for more engaging and productive meetings • Brings optimized, inclusive camera views for more equitable video meetings: - Frames camera mode: Automatically captures a condensed view of in-room participants and frames them individually or in smaller groups for more equitable meetings, on Webex and when using third-party meetings - People focus: When the device is used with Webex, it uses advanced camera intelligence to dynamically update the screen layout to ensure everyone is equally framed in the meeting - Speaker tracking: When enabled, it uses a dedicated microphone array to detect and provide a prominent view for the active speaker • Automatic, machine learning–based noise removal blocks out disruptive sounds coming from the meeting room (e.g., typing, paper rustling) • 4K wireless content sharing via Webex, Miracast, and Apple AirPlay for exceptional presentations, or via USB and HDMI passthrough
Workspace intelligence	• Uses ultrasound technology to automatically activate when someone walks into the room, and recognizes them through their mobile device • Supports the Cisco Room Navigator control unit: can be paired either with a table-stand controller, a wall-mount touch panel, or both in parallel for native conference controls, room controls, environmental monitoring, and room booking, and even direct access to your third-party workspace experience applications for space reservation, wayfinding, and digital signage • Provides intelligent people count based on presence sensors and custom macros, enabling alignment with safety guidelines and analytics for better resource planning • Enables smart customizations via macros and custom APIs, such as digital signage, custom alerts, and more to support internal communications, visitor management, safety, and well-being

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FEATURE	BENEFIT
Smart integrations	• Can be paired with up to three screens to infuse full HD video and 4K content sharing into a cohesive experience • Connect your laptop with Codec EQ via a single USB-C to use the camera, microphones, and speakers of the device for an instant BYOD experience • Supports dual content sources for local meetings • View whiteboard content and annotations shared from Cisco Board Series, Cisco Desk Series, or the Webex App • Automatic screen/display integration through HDMI CEC • Supports Cisco and third-party cameras, microphones, speakers, and other collaboration peripherals via PoE, USB, and analogue ports • Plug-and-play connectivity with Cisco IP microphones • Supports Wi-Fi and Bluetooth® - Not available on Non Radio Version* • Optimized for pairing with the Cisco Room Navigator touch panel to control the video conference, control room peripherals, add smart room booking, and run third-party workspace management applications
Built for cloud and premises	• Unified management, provisioning, monitoring, troubleshooting, analytics, and workspace insights in Control Hub • Flexibility to register on-premises or in the Webex Cloud • Hardware is optimized to run on a cloud platform for great experiences in shared rooms and spaces with easy access to hosted conferences • Secure management, with end-to-end encryption when using Webex

Figure 2. Main components of the Cisco Room EQ bundle: Cisco Codec EQ, Cisco Quad Camera, and the Cisco Room Navigator touch controller

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Cisco Room Kit EQ prominent features and differentiators

Recognized in the best meeting room solution in the UC Awards, the Cisco Room Kit EQ is the most advanced collaboration bundle, bringing more intelligence, usability, and equal meeting experiences to your large rooms. With the Room Kit EQ, you can experience natural, true-to-life meetings, engaging presentations, and an elevated workspace experience. Video-enable your conference rooms and large workspaces at scale with a collaboration kit that's easy to deploy, engaging to use, and more affordable to maintain—creating a connected, intelligent workplace.

- **Equitable meetings:** Powerful, multi-lens camera delivers intelligent camera views and optimized layout composition, such as people Frames for equal view across meeting participants displayed (available in Webex and third-party platforms) and People Focus for intelligent layout composition (available in Webex meetings); AI noise removal reduces unwanted background noises while flexible microphone input and speaker output options help create a more natural meeting experience both for people in the room and remote participants.

- **Stunning presentations:** Triple screen support, dual content sources, single-cable USB passthrough for instant BYOD, software client-based video meetings and content sharing; 4K wireless sharing on Webex, Miracast, and Apple AirPlay; smart presenter tracking and intelligent camera scenarios when Room Kit EQ is combined with the Cisco PTZ 4K Camera or other third-party cameras.

- **Multi-platform video conferencing:** The device can be configured to run on RoomOS for native Webex meetings and powerful third-party interoperability with Microsoft Teams, Zoom, and Google Meet; or deployed as a native Microsoft Teams Rooms system with the ability to still join full-featured Webex meetings.

- **Intelligent workspaces:** Presence detection for automatic "wake-up" when someone enters the room; people count for usage metrics and resource allocation; intuitive touch and voice controls for a better workspace experience; built-in environmental sensors in Room Navigator to promote safety and well-being; APIs and macros allow meeting and workspace customization.

- **Flexible integration:** The Codec EQ allows for integrating with multiple cameras, third-party audio systems and intelligent microphones, touch controller, and scheduling display; tight integrations with leading displays to enhance user experience and drive energy savings.

- **Cloud first but not cloud-only:** Built for both cloud and on-premises deployment, protecting your investment. Room Kit EQ can be deployed as a fully managed solution in Control Hub offering a seamless cloud admin, monitoring, troubleshooting, and analytics experience.

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Figure 3. Cisco Room Kit EQ in a large training room featuring the Quad Camera, the PTZ 4K Camera, the Room Navigator tabletop touch controller, and Cisco Table Microphone Pro devices.

An affordable way to purchase hardware

Cisco Hardware as a Service provides a new way to purchase hardware with a simple, scalable, and flexible way to pay. Stay up to date with the latest models of IP phones and collaboration devices to enhance collaboration and create workspaces for the future. And get ready for all the power of Cisco's unified cloud platform! Click here to access the Cisco Hardware as a Service data sheet.

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Product specifications

Table 1. Specifications

SPECIFICATION	DESCRIPTION
Platform compatibility	• RoomOS 11.1.2 and later (for native Webex meetings and video interoperability for Microsoft Teams, Zoom, and Google Meet) • Microsoft Teams Rooms on Android (also featuring native Webex meetings when registered in Control Hub)
Available bundle solutions	• Cisco Room Kit EQ (featuring the Cisco Quad Camera) • Cisco Room Kit EQ PTZ 4K (featuring the Cisco PTZ 4K Camera) • Cisco Codec EQ Standalone
Default components	• Cisco Codec EQ • Cisco Quad Camera (First Light or Carbon Black) or the Cisco PTZ 4K Camera • Wall mount (for Quad Camera) • Power adapter (for Quad Camera) • Region-specific power cord • Selection of one Cisco Room Navigator touch controller (Table-Stand-First Light or Wall-Mount-First Light)
Optional hardware components	• Cisco PTZ 4K Camera • Cisco Precision 60 Camera • Cisco Room Navigator Table-Stand, First Light (additional unit) • Cisco Room Navigator Wall-Mount, First Light (additional unit) • Cisco Table Microphone • Cisco Ceiling Microphone • Cisco Table Microphone Pro - First Light • Cisco Table Microphone Pro - Carbon Black • Cisco Ceiling Microphone Pro - Arctic White • Cisco Ceiling Microphone Pro - Carbon Black • Wall mount for Cisco Codec EQ • Rack ears for Cisco Codec EQ • Cisco Active USB-C Cable, 9m • Cisco Multi-head Cable 4K • Cisco Catalyst C1200 Switch, PoE • Other cable, mount and peripheral options (see Ordering information)

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Table 1. Specifications

SPECIFICATION	DESCRIPTION
Camera overview (Quad Camera)	• 4x CMOS image sensors with machine intelligent switching (up to 20MP resolution per sensor) • The camera generates frames from the 4 sensors simultaneously to provide a single HD output at 1080p • Support up to 60 fps • 1/1.7 CMOS • 7x zoom (5x native optical zoom with digital zoom enhancement) • f/2.0 aperture • 83° horizontal field of view on wide lens • 50° horizontal field of view on 3 tele-lenses • Automatic group framing (audio + face detect) • Speaker tracking • Frames camera mode: intelligent people framing for equitable views • 5056 x 3888 pixel resolution • Auto focus, brightness, and white balance • Focus distance 1 m to infinity • Support for meeting zones to only frame people within the defined perimeters in the room and exclude passers-by in glass-walled and open areas.
Camera overview (PTZ 4K Camera)	• 1920 x 1080 at 60 fps/3840 x 2160 at 30 fps resolution • Zoom 240x total (20x optical zoom, 12x digital zoom) • Pan and tilt • – Pan range: +/- 170 degrees • – Tilt range: -20 degrees to +90 degrees • Horizontal FoV: 70 degrees • 1.0 m to infinity (wide) focus distance • F-value: 2.0 – 3.8 • Camera control: Visca over IP (LAN port) • Focus, white balance, and brightness: Manual or automatic • Video interface: HDMI 2.0 • Power: • – 12V/3A • – 100 to 120/200 to 240 VAC, 50/60 Hz • – PoE+ (IEEE802.3at compatible) • Must be used with power supply FSP040-RHAN3, Phihong POE29U-1AT(PL), or Microsemi PD-9001GR/AT/AC • Available with wall mount and upside-down ceiling mount

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Table 1. Specifications

SPECIFICATION	DESCRIPTION

Bandwidth	• Up to 20 Mbps
	• Minimum bandwidth:
	  – 720p30 from 768 kbps
	  – 720p60 from 1152 kbps
	  – 1080p30 from 1472 kbps
	  – 1080p60 from 2560 kbps

Minimum bandwidth for resolution/frame rate	• 1920 x 1080 at 60 fps from 2560 kbps
Firewall traversal	• Cisco Expressway™ technology • H.460.18, H.460.19 firewall traversal
Video standards	• H.264, H.265, H.263, AV1
Video inputs	• 1x USB-C input supports formats up to maximum 3840 x 2160 at 30 fps (USB-C is USB 3.2 gen1 compliant and supports USB 2.0 and 3.0 speeds up to 5 Gbps) • 3x HDMI inputs support formats up to maximum 3840 x 2160 at 30 fps including 1920 x 1080 at 60 fps; support for HDCP 1.4 on 1x HDMI input • Extended Display Identification Data (EDID) • Consumer Electronics Control (CEC) 2.0
Video outputs	• 3x HDMI outputs support formats up to 3840 x 2160 at 60 fps • Consumer Electronics Control (CEC) 2.0 • Connectivity with an interactive touch screen via HDMI out and USB-A
Encode and decode	• Main video: 1920 x 1080 at 60 fps • Presentation channel: 3840 x 2160 at 15 fps

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Table 1. Specifications

SPECIFICATION	DESCRIPTION
USB passthrough	· 1x USB 3.2 gen1, supporting a maximum of 5 Gbps · Ability to provide camera, microphone, and speakers over one USB-C cable to a connected computer · USB-C passthrough and content sharing with the same cable · Extension of display (3840 x 2160 at 30 fps) – computer must support Alt-mode Display Port · USB-C port has a maximum power output of 15W
Audio standards	· G.711, G.722, G.722.1, G.729, AAC-LD, and Opus
Audio features	· High-quality 20kHz full-band audio · Prepared for inductive loop (line out) · Acoustic Echo Cancellation (AEC) · Active Lip Synchronization · AI-Powered, Adaptive Noise Removal · Automatic Gain Control (AGC) · Full Duplex · Self-Hear · Ultrasound Technology · The full Audio API and Audio Console application for advanced audio setup and customizations with the Codec EQ can be unlocked with an AV Integrator option key.
Audio inputs	· 3x mini Jack analog audio input · 3x HDMI input · 1x USB-C audio input · 1x USB-A audio input · 4x PoE++ Ethernet for audio over IP · Connectivity with up to 8x Cisco IP microphones · Connectivity with third-party audio systems via AES67 (requires AV Integrator License)

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Table 1. Specifications

SPECIFICATION	DESCRIPTION
Audio outputs	• 1x analog line out • 3x HDMI audio out • 1x USB-A audio out • 1x USB-C audio out • 4x PoE++ Ethernet for audio over IP • Connectivity with third-party audio systems via AES67 (requires AV Integrator License)
Loudspeakers (Quad Camera)	• High-quality loudspeaker system with a single full-range driver and dual low-frequency drivers • Frequency response: 100Hz to 20kHz • Max output level: SPL 90dB • 1 RCA output for subwoofer (Quad Camera)
Camera modes (Quad Camera)	• Group view: Automatically detects meeting participants and provides ideal group framing for the best view • Speaker view: Uses a dedicated, built-in microphone array to detect and provide a prominent view for the active speaker • Frames: Captures a condensed view of in-room participants and frames them individually or in smaller groups for more equitable meetings, on Webex and when using third-party meetings • Manual with the option for presets
Video stream layouts	• Supporting available Webex video stream layouts and meeting features, including focus, grid, prominent, stack, and overlay. For more information, please consult the Webex Help Center. • People Focus helps create an optimized view of every participant in Webex meetings via smart cropping to remove excess real estate

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Table 1. Specifications

SPECIFICATION	DESCRIPTION
Speaker tracking (Quad Camera)	• 8-element built-in microphone array for accurate speaker tracking • Quad Camera can support intelligent framing and dynamic speker tracking with 7x zoom capability • For an optimal speaker-tracking experience for people joining remotely, it is recommended that the furthest in-room participant is located within less than 9 meters from the video device. Please note that the best overview (automatic group framing) camera mode can support an extended distance from the Quad Camera. • Extended Speaker view: allows for an extended camera reach beyond 9 meters by zooming on the active speaker and providing an optimal view in very long conference rooms to provide a close-up view of the furthest speaker in the room. Requires the combined deployment of the Room Kit EQ, the Cisco PTZ 4K Camera, and Cisco IP microphones for the extended, directional voice capture range. • Cross-view: Using Room Kit EQ with the Quad Camera combined with two additional cameras installed on the sidewalls to provide AI-directed, cinematic cross-view of in-room conversations happening across the table. Available with two PTZ 4K Cameras (up to 6 seats on each side) or two Quad Cameras (up to 12 seats on each side of the table)
Presenter tracking	• Presenter tracking available with the Cisco PTZ 4K Camera or the Precision 60 Camera • AI-powered face and upper-body detection capability • Camera automatically follows the active presenter within a defined zone and helps ensure an optimized view • Presenter and Audience view: intelligent framing and dynamic switching can be enabled with a combination of the Quad Camera bar and the PTZ 4K Camera
Content stream	• H.239 (H.323) dual stream • Binary Floor Control Protocol (BFCP) (SIP) dual stream • Support resolutions up to 3840 x 2160 at 15 fps and 1920 x 1080 at 60 fps

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Table 1. Specifications

SPECIFICATION	DESCRIPTION

Wireless sharing	• Webex App (up to 3840 x 2160 at 7.5 fps, including up to 1920 x 1080 at 30 fps)
	• Miracast (1920 x 1080 at 60 fps) – Not available on non-radio version.
	• Microsoft Teams Cast (up to 1920 x 1080 at 15 fps) – Available only on Microsoft Teams Rooms
	• Apple AirPlay wireless sharing:
	  – Bluetooth® discovery (not on non-radio version) and Bonjour service discovery
	  – Screen mirroring up to 1920 x 1080 at 60 fps
	  – Extended desktop (Mac only) – up to 1920 x 1080 at 60 fps
	  – Video streaming up to 3840 x 2160 at 30 fps

MultiSite features (embedded multipoint) (optional upgrade)	• Adaptive SIP/H.323 MultiSite:
	  – 3-way resolution up to 1080p30 plus content up to 4Kp15
	  – 4-way resolution up to 720p30 plus content up to 4Kp15
	  – 5-way resolution up to 720p30 plus content up to 4Kp15
	• Full individual audio and video transcoding
	• H.323/SIP/VoIP in the same conference
	• Support for presentation (H.239/BFCP) from any participant at resolutions up to 3840 x 2160 at 15 fps
	• Best Impression (automatic continuous presence layouts)
	• Encryption and dual stream from any site

Protocols	• H.323 • SIP • Webex • WebRTC
Embedded encryption	• H.323 and SIP point-to-point • Standards-based: H.235 v3 and Advanced Encryption Standard (AES) • Automatic key generation and exchange

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Table 1. Specifications

SPECIFICATION	DESCRIPTION
IP network features	• DNS lookup for service configuration • Differentiated services (Quality of Service [QoS]) • IP-adaptive bandwidth management (including flow control) • Automatic gatekeeper discovery • Dynamic playout and lip-sync buffering • H.245 Dual-Tone Multi-Frequency (DTMF) tones in H.323 • RFC 4733 DTMF tones in SIP • Date and time support using Network Time Protocol (NTP) • Uniform Resource Identifier (URI) dialing • Dynamic Host Configuration Protocol (DHCP) • 802.1X network authentication • 802.1Q Virtual LAN • 802.1p [QoS and Class of Service (CoS)] • Cisco Media Assure and ClearPath, including packet loss-based downspeeding
Call control	• Native registration on Cisco Unified Communications Manager (CUCM) – Requires CUCM version 12.5 or later with device pack for Room Kit EQ • Native registration with Cisco Expressway • Webex • Third-party H.323 Gatekeepers and standards-based SIP proxies
IPv6 network support	• Single call stack support for both H.323 and SIP • Dual-stack IPv4 and IPv6 for DHCP, SSH, HTTP, HTTPS, DNS, DiffServ • Support for both static and automatic IP configuration (stateless address auto configuration)
Security features	• Secure management using HTTPS and SSH protocols • End-to-end encryption for calls and meetings on Webex • Standards-based media encryption on all back-ends (Secure Real-time Transport Protocol [SRTP], using AES-128-GCM or AES-256-GCM) • WPA3TM and WPA3-Enterprise with CCMP128 Wi-Fi ® security • Password protection to access administration available on Room Navigator controller • Network settings protection

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Table 1. Specifications

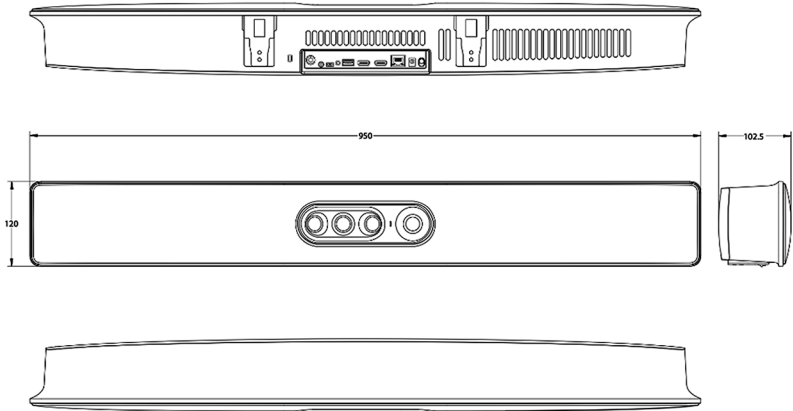| SPECIFICATION	DESCRIPTION
Certificate management	• Certificate Authority Proxy Function (CAPF) support for additional security • Manufacturer-Installed Certificates (MIC) • Locally Significant Certificates (LSC) • X.509 Digital Certificates (DER encoded binary); both DER and Base-64 formats are acceptable for the client and server certificates; certificates with a key size of 1024, 2048, and 4096 are supported
Other interfaces	• 4x USB-A 3.0 ports, up to 1.5A charging capability per port. Supporting connectivity for external USB microphones, keyboards, headsets, touch display, and future integrations • Bluetooth® and Bluetooth® Low Energy* – Not available in Non-Radio Versions • Micro USB port (for service) • Factory reset pinhole

Network interfaces (Codec EQ)	• Ethernet (RJ-45) 10/100/1000 for LAN
	• 4x PoE++ (802.3.bt) Ethernet (RJ-45) 10/100/1000 with a total power budget of up to 90W for
	  - Camera control and powering
	  - Room Navigator touch controller
	  - AV over IP room peripherals (including Cisco IP microphones)
	• Wi-Fi 802.11a/b/g/n/ac/ax 2.4 GHz, 5 GHz, 6GHz also supported for LAN. Wi-Fi 6E support – Not available in non-radio versions
	• 2x2 Multiple Input and Multiple Output (MIMO)
	
	Note: Due to compliance regulations, it is required that 802.11d is enabled in the access point for the product to operate properly within 5725 to 5875 MHz.
	
	Using a Wi-Fi connection is a flexible option; however, an Ethernet connection is always preferred for high performance.

Power supplies	• 100 to 240 VAC, 50/60 Hz input
	• Room Kit EQ power consumption:
	  • In active meeting: 18W
	  • Idle: 18W
	  • Display off standby: 15W
	• Quad Camera must be used with power supply PSU-12VDC-70W-GR=
	• PTZ 4K Camera power supply (PSU-12VDC-40W2=) is optional

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Table 1. Specifications

SPECIFICATION	DESCRIPTION
Operating temperature and humidity	· Quad Camera: 0°C to 35°C (32°F to 95°F) ambient temperature · Room Navigator: 0°C to 40°C (32°F to 104°F) ambient temperature · Codec EQ: 0°C to 40°C (32°F to 104°F) ambient temperature · 10% to 90% Relative Humidity (RH)
Storage and transport temperature	· –20°C to 60°C (–4°F to 140°F) at RH 10% to 90% (noncondensing)
Locking mechanism	· Kensington security lock (on Codec EQ)
Language support	· Arabic, Czech, Danish, German, US English, UK English, Catalonian, Spanish, Latin-American Spanish, Finnish, French, Canadian French, Hebrew, Hungarian, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Brazilian Portuguese, Portuguese, Russian, Swedish, Turkish, Chinese (Simplified), Traditional Chinese, Ukrainian
Form factor	· Cisco Quad Camera color options in First Light and Carbon Black · The Quad Camera mounting options support placement above/ underneath the screen(s) or can be mounted to a wall. · Codec EQ supports wall mounting, rack ear mounting, and custom placement as a free-standing unit.
Verified third-party displays	· Cisco verified displays from leading technology partners have been tested for compatibility and robustness of their video interfaces, optical characteristics, and basic security practices. When connected to a Cisco collaboration device they automatically reconfigure with the verified optimal configuration. Learn more about the verified displays that have been verified to work with Cisco collaboration devices.

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Table 1. Specifications

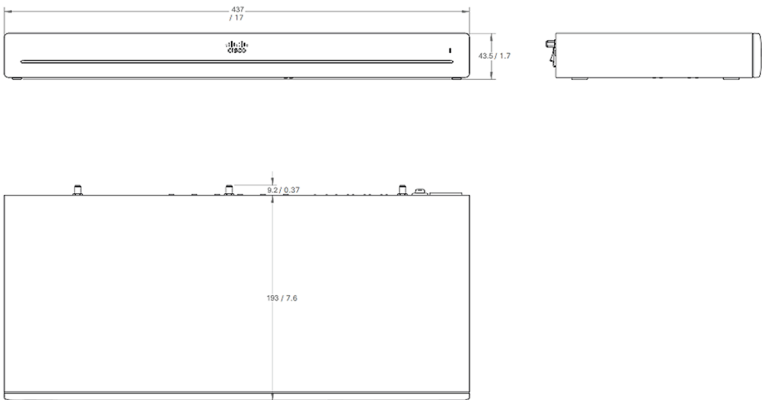| SPECIFICATION	DESCRIPTION
Dimensions	 Cisco Quad Camera: • Width: 37.4 in. (95.0 cm) • Height: 4.7 in. (12.0 cm) • Depth: 4.0 in. (10.3 cm) • Weight: 10.6 lb. (4.8 kg) Cisco Codec EQ: • Width: 18.6 in. (47.3 cm) • Height: 1.7 in. (4.4 cm) • Depth: 8 in. (20.2 cm) • Weight: 5.1 lb. (2.33 kg)

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Table 1. Specifications

SPECIFICATION	DESCRIPTION
Standards and regulatory compliance	• Directive 2014/53/EU (Radio Equipment Directive) for the radio versions • Directive 2014/30/EU (EMC Directive) for the non-radio versions • Directive 2014/35/EU (Low-Voltage Directive) for the non-radio versions • Directive 2011/65/EU (RoHS) • Directive 2002/96/EU (WEEE) • NRTL approved (product safety) • FCC CFR 47 Part 15B (EMC) – Class A • FCC CFR 47 Part 15C (RF) • FCC CFR 47 Part 15E (RF) • FCC listed (radio equipment) Please check the Product Approval Status Database at www.ciscofax.com/ for approval documents per country.
Sustainability	• Circular design principles applied for product architecture, materials, and packaging • Foam-free, 100% recyclable packaging design for the Codec EQ, including fiber-based trays and a reduced amount of single-use plastics • Increased use of Post-Consumer Recycled (PCR) resin originating from end-of-life devices and old electronics on cosmetic parts • The camera, codec, and other peripherals are designed for easy repair, refurbishing, and recycling to extend the lifecycle of the product and the materials used for manufacturing . • Using built-in presence sensors and environmental sensors in the touch panel, it can provide real-time and historic occupancy metrics to control and optimize the workspace environment • Power over Ethernet (PoE) connects and powers the touch controller, the microphones and other room accessories to enable scalability and simplicity for your deployment. • Cisco's takeback and reuse program enables you to return your end-of-use devices for free, via a simple, secure, and sustainable process. • Learn more about how Cisco supports the Circular Economy.

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Feature availability matrix

Table 4. Feature availability matrix for Cisco Room Kit EQ

FEATURE	ROOMOS	MICROSOFT TEAMS ROOMS (WITH REGISTRATION TO CONTROL HUB)	MICROSOFT TEAMS ROOMS
Native Microsoft Teams Rooms meeting experience	No	Yes	Yes
Native Webex meeting experience	Yes	Yes, via One-Button-to-Push meeting join	No
Microsoft Teams Meetings with VIMT (CVI) or WebRTC / Direct Guest Join	Yes	N/A	N/A
Google Meet interop (WebRTC)	Yes	No	No
Zoom Meetings interop	Yes, feature-rich SIP meetings	Yes, SIP meetings	Yes, WebRTC-based meetings

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Table 4. Feature availability matrix for Cisco Room Kit EQ

FEATURE	ROOMOS	MICROSOFT TEAMS ROOMS (WITH REGISTRATION TO CONTROL HUB)	MICROSOFT TEAMS ROOMS
Standards-based video interop (SIP/H.323 dialing)	Yes	Yes	No
Content sharing resolution	In active meeting: up to 3840 x 2160 at 15 fps Out of active meeting: up to 3840 x 2160 at 60 fps	In active meeting: up to 1920 x 1080 at 15 fps Out of active meeting: up to 3840 x 2160 at 60 fps	In active meeting: up to 1920 x 1080 at 15 fps Out of active meeting: up to 3840 x 2160 at 60 fps
Simultaneous content sources for local presentation (outside video meeting)	3	3	3
Wireless sharing options	Webex App, Miracast, Apple AirPlay	Microsoft Teams Sharing, Miracast	Microsoft Teams Sharing, Miracast
Multi-camera support	Yes	Yes	Yes
Presenter tracking	Yes	Yes	Yes

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Table 4. Feature availability matrix for Cisco Room Kit EQ

FEATURE	ROOMOS	MICROSOFT TEAMS ROOMS (WITH REGISTRATION TO CONTROL HUB)	MICROSOFT TEAMS ROOMS
Triple-screen support for live video and content	Yes	No, only dual	No, only dual
People Focus intelligent layout composition	Yes, in Webex meetings	In native Webex meetings only	No
Frames camera mode for individual participant views	Yes	Yes	Yes
AI noise removal	Yes	Yes	Yes
Deployment options	On premises, cloud, hybrid	Cloud only	Cloud only
USB passthrough	Yes	Yes	Yes

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Table 4. Feature availability matrix for Cisco Room Kit EQ

FEATURE	ROOMOS	MICROSOFT TEAMS ROOMS (WITH REGISTRATION TO CONTROL HUB)	MICROSOFT TEAMS ROOMS
Cloud device management	Control Hub	Teams Admin Center & Control Hub	Teams Admin Center
Room booking	Hybrid Calendar + Room Navigator touch panel	Microsoft Teams Calendar + Room Navigator touch panel as Teams Panel	Microsoft Teams Calendar+ Room Navigator touch panel as Teams Panel
Conference controls	Hybrid Calendar + Room Navigator touch panel	Microsoft Teams Calendar + Room Navigator touch panel as MTR Touch Console	Microsoft Teams Calendar+ Room Navigator touch panel as MTR Touch Console
Native, third-party web apps	Yes	Yes, via webviews	No
Digital signage	Yes	Yes	No
Custom controls with Macros and User Interface extensions	Yes	Yes	No
Customized branding (logos, wallpaper)	Yes	No	No

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Table 4. Feature availability matrix for Cisco Room Kit EQ

FEATURE	ROOMOS	MICROSOFT TEAMS ROOMS (WITH REGISTRATION TO CONTROL HUB)	MICROSOFT TEAMS ROOMS
Workplace analytics in Control Hub with APIs	Yes	Yes	No
Multi-tenant device management, bulk configuration and automated software upgrades	Yes	Yes	No
Network-level diagnostics and observability	Yes, with Cisco ThousandEyes integration	Yes, with Cisco ThousandEyes integration	No

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Ordering information

To place an order, please contact your local Cisco representative and refer to Table 2.

Table 2. Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Bundle Options		
Cisco Room Kit EQ – First Light	CS-KIT-EQ-K9	

• Cisco Codec EQ
  • Cisco Quad Camera (First Light)
  • Cisco Room Navigator for Table (First Light)
	• CS-CODEC-EQ-K9+
	  • CS-QUADCAM2+
	  • CS-T10-TS-L-K9+
		TTC6-15
		TTC8-10
		TTC5-15

Cisco Room Kit EQ – Carbon Black	CS-KIT-EQ-C-K9	

• Cisco Codec EQ
  • Cisco Quad Camera (Carbon Black)
  • Cisco Room Navigator for Table (First Light)
	• CS-CODEC-EQ-K9+
	  • CS-QUADCAM2-C+
	  • CS-T10-TS-L-K9+
		TTC6-15
		TTC8-10
		TTC5-15

Cisco Room Kit EQ – Non-Radio – First Light	CS-KIT-EQ-NR-K9	

• Cisco Codec EQ – (Non-Radio)
  • Cisco Quad Camera (First Light)
  • Cisco Room Navigator for Table (First Light)
	• CS-CODEC-EQ-NRK9+
	  • CS-QUADCAM2+
	  • CS-T10-TS-L-K9+
		TTC6-15
		TTC8-10
		TTC5-15

Cisco Room Kit EQ – Non-Radio – Carbon Black	CS-KIT-EQ-C-NR-K9	

• Cisco Codec EQ – (Non-Radio)
  • Cisco Quad Camera (Carbon Black)
  • Cisco Room Navigator for Table (First Light)
	• CS-CODEC-EQ-NRK9+
	  • CS-QUADCAM2-C+
	  • CS-T10-TS-L-K9+
		TTC6-15
		TTC8-10
		TTC5-15

Cisco Room Kit EQ – Non-Radio for TAA – First Light	CS-KIT-EQ-NRK9++	

• Cisco Codec EQ (Non-Radio for TAA)
  • Cisco Quad Camera (First Light)
  • Cisco Room Navigator for Table (First Light)
	• CS-CODEC-EQ-NR++
	  • CS-QUADCAM2+
	  • CS-T10-TS-L-K9+
		TTC6-15
		TTC8-10
		TTC5-15

Cisco Room Kit EQ – Non-Radio for TAA – Carbon Black	CS-KIT-EQ-C-NRK9++	

• Cisco Codec EQ (Non-Radio for TAA)
  • Cisco Quad Camera (Carbon Black)
  • Cisco Room Navigator for Table (First Light)
	• CS-CODEC-EQ-NR++
	  • CS-QUADCAM2-C+
	  • CS-T10-TS-L-K9+
		TTC6-15
		TTC8-10
		TTC5-15

Cisco Room Kit EQ – TAA – First Light	CS-KIT-EQ-K9++	

• Cisco Codec EQ (TAA)
  • Cisco Quad Camera (First Light)
  • Cisco Room Navigator for Table (First Light)
	• CS-CODEC-EQ+
	  • CS-QUADCAM2+
	  • CS-T10-TS-L-K9+
		TTC6-15
		TTC8-10
		TTC5-15

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Table 2. Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Cisco Room Kit EQ – TAA – Carbon Black	CS-KIT-EQ-C-K9++	
· Cisco Codec EQ (TAA)	· CS-CODEC-EQ++	TTC6-15
· Cisco Quad Camera (Carbon Black)	· CS-QUADCAM2-C+	TTC8-10
· Cisco Room Navigator for Table (First Light)	· CS-T10-TS-L-K9+	TTC5-15
Cisco Room Kit EQ PTZ 4K	CS-KIT-EQ-4K-K9	
· Cisco Codec EQ	· CS-CODEC-EQ-K9+	TTC6-15
· Cisco PTZ 4K Camera	· CS-CAM-PTZ4K+	EVI-X200C
· Cisco Room Navigator for Table (First Light)	· CS-T10-TS-L-K9+	TTC5-15
Cisco Room Kit EQ PTZ 4K – Non-Radio	CS-KIT-EQ-4K-NRK9	
· Cisco Codec EQ (Non-Radio)	· CS-CODEC-EQ-NRK9+	TTC6-15
· Cisco PTZ 4K Camera	· CS-CAM-PTZ4K+	EVI-X200C
· Cisco Room Navigator for Table (First Light)	· CS-T10-TS-L-K9+	TTC5-15
Cisco Room Kit EQ PTZ 4K – Non-Radio for TAA	CS-KIT-EQ-4KNRK9++	
· Cisco Codec EQ (Non-Radio for TAA)	· CS-CODEC-EQ-NR++	TTC6-15
· Cisco PTZ 4K Camera	· CS-CAM-PTZ4K+	EVI-X200C
· Cisco Room Navigator for Table (First Light)	· CS-T10-TS-L-K9+	TTC5-15
Cisco Room Kit EQ PTZ 4K – TAA	CS-KIT-EQ-4K-K9++	
· Cisco Codec EQ (TAA)	· CS-CODEC-EQ++	TTC6-15
· Cisco PTZ 4K Camera	· CS-CAM-PTZ4K+	EVI-X200C
· Cisco Room Navigator for Table (First Light)	· CS-T10-TS-L-K9+	TTC5-15
Cisco Codec EQ Standalone	CS-CODEC-EQ-K9	
· Cisco Codec EQ	· CS-CODEC-EQ-K9+	TTC6-15
Cisco Codec EQ Standalone – TAA	CS-CODEC-EQ-K9++	
· Cisco Codec EQ (TAA)	· CS-CODEC-EQ++	TTC6-15
Cisco Codec EQ Standalone – Non-Radio	CS-CODEC-EQ-NRK9	
· Cisco Codec EQ (Non-Radio)	· CS-CODEC-EQ-NRK9+	TTC6-15
Cisco Codec EQ Standalone – Non-Radio for TAA	CS-CODEC-EQ-NRK9++	
· Cisco Codec EQ (Non-Radio for TAA)	· CS-CODEC-EQ-NR++	TTC6-15

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Table 2.   Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Cisco Room Kit EQ – Customized Model – First Light	CS-KIT-EQ-K9--	
· Cisco Codec EQ Custom Model · Cisco Quad Camera (First Light) · Cisco Room Navigator for Table (First Light)	CS-CODEC-EQ++ CS-QUADCAM2+ CS-T10-TS-L-K9+	TTC6-15 TTC8-10 TTC5-15
Cisco Room Kit EQ – Customized Model – Carbon Black	CS-KIT-EQ-K9--	
· Cisco Codec EQ Custom Model · Cisco Quad Camera (Carbon Black) · Cisco Room Navigator for Table (First Light)	CS-CODEC-EQ++ CS-QUADCAM2-C+ CS-T10-TS-L-K9+	TTC6-15 TTC8-10 TTC5-15
Cisco Room Kit EQ – Customized Model – Non-Radio – First Light	CS-KIT-EQ-NRK9--	
· Cisco Codec EQ Custom Model, Non-Radio · Cisco Quad Camera (First Light) · Cisco Room Navigator for Table (First Light)	CS-CODEC-EQ-NR++ CS-QUADCAM2+ CS-T10-TS-L-K9+	TTC6-15 TTC8-10 TTC5-15
Cisco Room Kit EQ – Customized Model – Non-Radio – Carbon Black	CS-KIT-EQ-NRK9--	
· Cisco Codec EQ Custom Model, Non-Radio · Cisco Quad Camera (Carbon Black) · Cisco Room Navigator for Table (First Light)	CS-CODEC-EQ-NR++ CS-QUADCAM2-C+ CS-T10-TS-L-K9+	TTC6-15 TTC8-10 TTC5-15
Cisco Room Kit EQ PTZ 4K – Customized Model	CS-KIT-EQ-4K-K9--	TTC6-15
· Cisco Codec EQ Custom Model · Cisco PTZ 4K Camera · Cisco Room Navigator for Table (First Light)	CS-CODEC-EQ++ CS-CAM-PTZ4K+ CS-T10-TS-L-K9+	EVI-X200C TTC5-15
Cisco Room Kit EQ PTZ 4K – Customized Model – Non-Radio	CS-KIT-EQ-4KNRK9--	
· Cisco Codec EQ Custom Model, Non-Radio · Cisco PTZ 4K Camera · Cisco Room Navigator for Table (First Light)	CS-CODEC-EQ-NR++ CS-CAM-PTZ4K+ CS-T10-TS-L-K9+	TTC6-15 EVI-X200C TTC5-15
Cisco Codec EQ Standalone – Customized Model	CS-CODEC-EQ-K9--	
· Cisco Codec EQ Custom Model	CS-CODEC-EQ++	TTC6-15
Cisco Codec EQ Standalone – Customized Model – Non-Radio	CS-CODEC-EQ-NRK9--	
· Cisco Codec EQ Custom Model, Non-Radio	CS-CODEC-EQ-NR++	TTC6-15

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Table 2. Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Default Box Components		
Wall-mount bracket for Cisco Quad Camera (only in Quad Camera bundles)	BRKT-QCAM2-WMK-	
Power adapter for Cisco Quad Camera (only in Quad Camera bundles)	PSU-12VDC-70W-GR+	
Cisco Room Navigator, First Light - Table Stand or Wall Mount	CS-T10-TS-L+ or CS-T10-WM-L+	TTC5-15
Cisco Codec EQ Antennas	CS-CODEC-EQ-ANT+	
Power cord (country-specific)	Country-specific	
Optional Box Components (Priced Options)		
Rack ears for Cisco Codec EQ (for mounting rack)	CS-CODEC-EQ-RCK	
Wall-mount kit for Cisco Codec EQ	CS-CODEC-EQ-WMK	
Cisco Ceiling Microphone Pro, Arctic White	CS-MIC-CLGPRO	TTC5-19
Cisco Ceiling Microphone Pro, Carbon Black	CS-MIC-CLGPRO-C	TTC5-19
Ceiling Bracket Mounting Kit for Ceiling Microphone Pro	CS-MIC-CLGP-CBK	
Drop Ceiling Grid Mount Kit for Ceiling Microphone Pro	CS-MIC-CLGP-DMK	
Wire Hanging Ceiling Mount Kit for Ceiling Microphone Pro	CS-MIC-CLGP-WHK	
Ethernet CAT5E Plenum Rated - 20 meter - Gray	CAB-CAT5E-CMP-20M	
Ethernet CAT5E Plenum Rated - 30 meter - Gray	CAB-CAT5E-CMP-30M	
Cisco Ceiling Microphone Pro, TAA, Arctic White*	CS-MIC-CLGPRO++	TTC5-19
Cisco Ceiling Microphone Pro, TAA, Carbon Black*	CS-MIC-CLGPRO-C++	TTC5-19
Cisco Ceiling Microphone Pro, Customized Model, Arctic White*	CS-MIC-CLGPRO--	TTC5-19
Cisco Ceiling Microphone Pro, Customized Model, Carbon Black*	CS-MIC-CLGPRO-C--	TTC5-19
Bracket for wall-mount - PTZ 4K Camera	CS-PTZ4K-BRKT	

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Table 2.   Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Ceiling-mount bracket for PTZ 4K Camera	CS-PTZ4K-CLNGMNT	
Cisco Precision 60 Camera	CTS-CAM-P60=	TTC8-07
Power supply for Precision 60 Camera	PSU-12VDC-70W-GR=	
Cisco Room Navigator table-stand (additional unit)	CS-T10-TS-L-K9	TTC5-15
Cisco Room Navigator wall-mount (additional unit)	CS-T10-WM-L-K9	TTC5-15
Cisco Table Microphone with 4-pin mini jack connector, 7.5 meters cable	CS-MIC-TABLE-J	
Cisco Table Microphone extension cable for the 4-pin mini jack cables, 9 meters	CAB-MIC-EXT-J	
Cisco Ceiling Microphone	CTS-MIC-CLNG-G2	
Shielded cable for Cisco Ceiling Microphone (non-plenum rated)	CAB-ETHRSHLD-10M	
Cisco Table Microphone Pro - First Light	CS-MIC-ARRAY-T	TTC5-17
Cisco Table Microphone Pro - Carbon Black	CS-MIC-ARRAY-T-C	TTC5-17
Cisco Multi-head Cable 9 meters (4K, USB-C, HDMI, miniDP)	CAB-HDMI-MUL4K- 9M	
Cisco Multi-head Cable 2.5 meters (4K, USB-C, HDMI, miniDP)	CAB-HDMI-MUL4K-2M	
Active Optical Cable, USB-C 3.1, 9 meters long, USB Charging	CAB-USBC-AC-9M	
USB-C – USB-C cable, 1.8 meters long, USB charging	CAB-USBC-1.8M	
Cisco Multi-head Cable 2.5 meters (4K, USB-C, HDMI, miniDP)	CAB-HDMI-MUL4K-2M	
Presentation cable 8 m/26 ft Gray HDMI 1.4b (with repeater)	CAB-PRES-2HDMI-GR	
HDMI 2.0 cable 1.5 m/5 ft, gray	CAB-2HDMI-1.5M-GR	
HDMI 2.0 cable 3 m/10 ft, gray	CAB-2HDMI-3M-GR	
Ethernet cable 1.5 m/5 ft, gray	CAB-ETH-1.5M-GR	
Ethernet cable 3 m/10 ft, gray	CAB-ETH-3M-GR	

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Table 2.   Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Ethernet cable 5 m/16.4 ft, gray	CAB-ETH-5M-GR	
Ethernet cable 4 m, gray	CAB-CAT5E-4M	
Ethernet cable 8 m, gray	CAB-CAT5E-8M	
Ethernet cable 12 m, gray	CAB-CAT5E-12M	
Catalyst 1200 8-port GE Switch, Full PoE, 2x1G Combo	C1200-8FP-2G-OPT	
Software options – Ordered separately		
Remote Monitoring	L-ROOM-RM (L-TP-RM)	
MultiSite (embedded multipoint)	L-KITEQ-MS (L-ROOM-PAK)	
AV integrator pack	L-KITEQ-AV (L-ROOM-PAK)	
Optional components spares - Ordered separately		
Rack ears for Codec EQ	CS-CODEC-EQ-RCK=	
Wall-mount kit for Codec EQ	CS-CODEC-EQ-WMK=	
Codec EQ Antennas	CS-CODEC-EQ-ANT=	
Cisco Quad Camera (First Light)	CS-QUADCAM2=	TTC8-10
Cisco Quad Camera (Carbon Black)	CS-QUADCAM2-C=	TTC8-10
Cisco PTZ 4K Camera	CS-CAM-PTZ4K=	EVI-X200C
Cisco Room Navigator table-stand (spare)	CS-T10-TS-L-K9=	TTC5-15
Cisco Room Navigator wall-mount (spare)	CS-T10-WM-L-K9=	TTC5-15
Power supply 12VDC 70W for Quad Camera	PSU-12VDC-70W-GR=	
Cisco Codec EQ Spare Unit	CS-CODEC-EQ=	TTC6-15
Cisco Codec EQ Spare Unit Non-Radio	CS-CODEC-EQ-NR=	TTC6-15

* Coming soon

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Warranty information

Cisco Room Kit EQ has a 90-day limited liability warranty.

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Information on product material content laws and regulations	Materials
Information on electronic waste laws and regulations, including products, batteries, and packaging	WEEE compliance

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