Webex Room Kit Mini

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Above: Webex Room Kit Mini in a remote workspace

Webex® Room Kit Mini is an Artificial Intelligence (AI)-powered video conferencing system custom-designed for the huddle workstyle.

Easy to use, deploy, and manage, it combines codec, camera, microphones, and speakers into a single device that integrates with a 4K display to bring more intelligence and usability to all of your huddle rooms and spaces.

Product overview

Room Kit Mini delivers the industry-leading collaboration experience customers have come to expect from Cisco, which is consistent whether you're in a huddle space or a corporate boardroom. Easy deployment and management capabilities allow customers to outfit and support thousands of huddle spaces with intelligent collaboration tools typical of larger room systems—at high value—while unique analytics provide valuable insight on utilization for resource planning. Together, these features allow Cisco to remove the barriers to use and deployment, and enable the new huddle work style embraced by today's workforce. Room Kit Mini is rich in functionality and experience, while priced and designed to be easily scalable.

The Room Kit Mini is ideal for huddle spaces with three to five people because of its wide 120-degree field of view, which allows everyone in a huddle space to be seen. It also offers the flexibility to connect to laptop-based video conferencing software via USB. The Mini is tightly integrated with the industry-leading Webex platform for continuous workflow, and can register on premises or to Webex in the cloud.

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Features and benefits

Table 1. Features and benefits

FEATURE	BENEFIT
Smart meetings	• Brings intelligent views to smaller rooms with a discreet, integrated camera • Best overview: Automatically detects meeting participants and provides ideal framing • Great audio experience with integrated microphones and speakers • Automatic noise suppression reduces disruptive sounds coming from the meeting room (e.g., typing, paper rustling) • Simplified meeting-join experience with One Button To Push (OBTP) for scheduled devices in a Webex meeting, whether registered on-premises or to the Webex Cloud • Automatic wake-up: System “wakes up” when someone walks into the room, and recognizes them through their mobile device • Easily controlled by the Webex Room Navigator control unit or with a Webex app • End-to-end security
Smart presentations	• View white board content and annotations shared from a Webex Board, Webex Desk Pro, or the Webex app; participate in whiteboarding sessions through the Webex app* • 4K content sharing (local 30 fps; remote 5 fps) • Wired or wireless content sharing (only two wires required—power and HDMI)
Smart rooms	• Metrics: Counts people in the room, enabling analytics for better resource planning • Automatic screen/display integration through HDMI CEC • Supports Wi-Fi • In-room control: Control peripherals such as lights and blinds through the Webex Room Navigator
Built for cloud and premises	• Flexibility to register on-premises or to the cloud through Webex • Hardware is optimized to run on a cloud platform for great experiences in shared rooms and spaces with easy access to hosted conferences

* Supported on Cisco Webex-registered devices only

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Prominent features and differentiators

Bringing more intelligence to the huddle workstyle

The Webex Room Kit Mini offers collaboration innovation in a box, bringing more intelligence and usability to your huddle spaces. While other vendors struggle to insert advanced features such as automatic framing, wireless sharing, and 4K content into their high-end products, Cisco is bringing these innovations to huddle spaces in a cost-effective and simple way. With the Room Kit Mini, Cisco is helping customers experience smarter meetings, enabling smarter presentations, and creating smarter room and device integrations.

These features were previously the domain of higher-end video conferencing rooms, but can now be brought to every room and every team. And when registered to Webex, additional cloud-based functionalities are enabled that enhance the user experience and team workflow as well as further simplifying deployment.

Some examples include:

- **Smart meetings:** Powerful integrated cameras deliver intelligent view capabilities, such as automatic framing; automatic noise suppression reduces meeting disruptions
- **Smart presentations:** Dual content sources, wireless sharing, and 4K content make for great presentations
- **Smart rooms:** People count for usage metrics and resource allocation; tight integrations with screens enhance user interactions; APIs and macros allow meeting personalization
- **Registration flexibility:** Built for both cloud and on-premises deployment, protecting your investment
- **Join any meeting:** A USB passthrough enables interoperability with any cloud service provider

An affordable way to purchase hardware

Cisco Webex 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 Webex Devices to enhance collaboration and create workspaces for the future. And get ready for all the power of Cisco's unified cloud platform! Learn more about Webex Hardware as a Service and the devices available. Click here to access the Webex Hardware as a Service datasheet.

Product registration

Table 2. Product registration

LICENSE LEVEL	TERM
Webex Device Subscription	Monthly or 1-, 2-, 3-, 4-, or 5-year options

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Product specifications

Table 3. Product specifications

SPECIFICATION	DESCRIPTION
Software compatibility	• Cisco Collaboration Endpoint Software Version 9.14.5 or later, and Cisco Webex RoomOS
Default components in Webex Room Kit Mini	 Room Kit Mini unit and power adapter Room Navigator with Ethernet cable, flat (8 m/26.2 ft) Network cable, round 5 m/16.4 ft HDMI cable 1.5 m/4.9 ft Wall Mount Kit Privacy cover
Optional hardware components	• HDMI presentation cable 8 m / 26.2 ft • 4 m / 13 ft USB cable for USB pass-through feature • Screen Mount Kit
Bandwidth	• Up to 6 Mbps point to point
Minimum bandwidth for resolution / frame rate	H.264: • 720p30 from 768 kbps • 720p60 from 1152 kbps • 1080p30 from 1472 kbps • 1080p60 from 2560 kbps

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Table 3. Product specifications

SPECIFICATION	DESCRIPTION
Firewall traversal	• Cisco Expressway™ technology • H.460.18, H.460.19 firewall traversal
Video standards	• H.264
Video inputs	• One HDMI input supports formats up to maximum 4K (3840 x 2160) at 30 fps, including HD1080p60 • Consumer Electronics Control (CEC) 2.0
Video outputs	• 1 HDMI output supports formats up to 3840 x 2160p60 (4Kp60) • Live video resolutions (encode and decode) up to 1920 x 1080p30 and p60 (HD1080p) • Consumer Electronics Control (CEC) 2.0
Audio standards	• G.711, G.722, G.722.1, G.729, AAC-LD, and Opus
Audio features	• High-quality 20 kHz audio • Automatic Gain Control (AGC) • Automatic noise reduction • Active lip synchronization
Audio inputs	• One audio in from HDMI • Internal microphones • Bluetooth® - Not available on Non Radio Version *
Speakers (integrated)	• High-quality speakers: full range speaker plus dual woofers in balanced configuration • Frequency response 100 Hz to 20 kHz • Amplifier power: 24W • Max output level SPL 84 dB
MultiSite	• H.239 (H.323) dual stream • Binary Floor Control Protocol (BFCP) (SIP) dual stream • Supports resolutions up to 3840 x 2160p5
Dual stream	• One HDMI input supports formats up to maximum 4K (3840 x 2160) at 30 fps, including HD1080p60 • Consumer Electronics Control (CEC) 2.0

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Table 3. Product specifications

SPECIFICATION	DESCRIPTION
Wireless sharing	• Webex app (up to 3840 x 2160p5) • Cisco Intelligent Proximity client (up to 1920 x 1080p5) • Miracast (1080p30) – Not available on Non radio version
Multipoint support	• 4-way embedded SIP/H.323 conferencing capability with MultiSite option

MultiSite features (embedded multipoint)*	• Adaptive SIP/H.323 MultiSite:
	  • 3-way resolution up to 1080p30 + content up to 1080p15
	  • 4-way resolution up to 720p30 + content up to 1080p15
	• 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 2160p5
	• Best impression (automatic continuous presence layouts)
	• Encryption and dual stream from any site

Protocols	• H.323 • SIP • Cisco Webex
Embedded encryption	• H.323 and SIP point to point • Standards-based: H.235 v3 and Advanced Encryption Standard (AES) • Automatic key generation and exchange
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 Multifrequency (DTMF) tones in H.323 • RFC 4733 DTMF tones in SIP • Date and time support using Network Time Protocol (NTP) • Media adaptation and resilience • 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])

*Optional upgrade

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Table 3. Product specifications

SPECIFICATION	DESCRIPTION

Call control	• Cisco Unified Communications Manager (Unified CM)
	  • Native registration with Unified CM
	  • Requires Unified CM Version 9.1(2) or later with device pack Room Kit Mini
	• Cisco Expressway
	  • Native registration with Expressway
	• Cisco Webex Service
	• 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	• Management using HTTPS and SSH • IP administration password • Menu administration password • Disable IP services • Network settings protection • Privacy cover
Network interfaces	• One Ethernet (RJ-45) 10/100/1000 for LAN • One Ethernet (RJ-45) for Cisco Touch 10 direct pairing • Wi-Fi 802.11a/b/g/n/ac 2.4 GHz/5 GHz, 2x2 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 MHz – 5875 MHz. Using a Wi-Fi connection is a flexible option, however an Ethernet connection is always preferred for high performance.
USB passthrough	• Ability to join any web conferencing service and share content using the camera, microphones and speakers of Room Kit Mini with a USB cable connected with the external monitor and an HDMI cable connected with the computer. • 720p video resolution
Other interfaces	• 1 USB 2.0 port type A • 1 USB 2.0 port type C • 1 USB port • Factory reset pinhole

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Table 3. Product specifications

SPECIFICATION	DESCRIPTION
Power	• 100 to 240 VAC, 50/60 Hz, 12V DC input • Average 20W, peak 70W • Must be used with power supply FSP FSP070-AHAN2 or AcBel ADF019
Operating temperature and humidity	• 0°C to 35°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% (non condensing)
Dimensions	 • Width: 19.7 in. (50.0 cm) • Height: 3.2 in. (8.1 cm) • Depth: 3 in. (7.7 cm) • Weight: 4 lb. (2 kg) Packaging size • Width: 23.8 in. (60.5 cm) • Height: 12.8 in. (32.6 cm) • Depth: 8.5 in. (21.6 cm) • Weight: 7 lb. (3.2 kg)
Camera overview	• 4K UltraHD camera • Supports up to 30 fps • 8 MP image sensor • 1/2.5" CMOS • 5x zoom • f/1.4 aperture • 120° horizontal field of view • Auto framing (face detect) • Best overview • Auto brightness, and white balance • Focus distance 1 m to infinity

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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 for approval documents per country.

Ordering information

To place an order, contact your local Cisco representative and refer to the table below.

Table 4. Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Webex Room Kit Mini – Upfront pricing (GPL)**	CS-KIT-MINI-K9	
• Webex Room Kit Mini Unit	CS-KIT-MINI+	TTC7-26
• Webex Room Navigator	CS-T10-TS+	TTC5-15
Webex Room Kit Mini – No radio	CS-KIT-MINI-NR-K9	
• Webex Room Kit Mini Unit	CS-KIT-MINI-NR+	TTC7-26
• Webex Room Navigator	CS-T10-TS+	TTC5-15
Webex Room Kit Mini – TAA	CS-KIT-MINI-K9++	
• Webex Room Kit Mini Unit	CS-KIT-MINI-UNIT++ or	TTC7-26
• Webex Room Navigator	CS-KIT-MINI-NR++	
	CS-T10-TS+	TTC5-15
Webex Room Kit Mini – No encrytption	CS-KIT-MINI-K7	
• Webex Room Kit Mini Unit	CS-KIT-MINI-NR-K7+	TTC7-26
• Webex Room Navigator	CS-T10-TS+	TTC5-15
Webex Room Kit Mini – Bundle SKU	CS-KIT-MINI-BUN	
• Webex Room Kit Mini Unit		
• Option of adding SMP+, Multisite and Remote Monitoring		

** GPL = Global Price List

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Table 4. Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
OPTIONS		
USB cable (type A connector)	CAB-USBC-4M-GR	
Screen Mount Kit	CS-KIT-MINI-SMK	
Cisco Table Multi-connector 4K, 9 meters	CAB-HDMI-MUL4K-9M	
Presentation cable 8 m 4kp30 certified (HDMI)	CAB-PRES-2HDMI-GR	
SOFTWARE OPTIONS – ORDERED SEPARATELY		
Remote Monitoring	L-ROOM-RM (L-TP-RM)	
MultiSite (embedded multipoint)	L-KITMINI-MS (L-ROOM-PAK)	
SPARES		
Webex Room Kit Mini – Upfront (GPL) – SPARE	CS-KIT-MINI=	TTC7-26
Webex Room Kit Mini – No radio – SPARE	CS-KIT-MINI-NR=	TTC7-26
Webex Room Kit Mini – No encryption – SPARE	CS-KIT-MINI-K7=	TTC7-26
Power Supply for Room Kit Mini	PSU-12VDC-70W-GR=	FSP070-AHAN2, ADF019
Webex Room Navigator control unit	CS-T10-TS+	TTC5-15
Screen Mount Kit for Room Kit	CS-KIT-MINI-SMK=	
Wall Mount Kit for Room Kit	CS-KIT-MINI-WMK=	
USB cable (type A connector)	CAB-USBC-4M-GR=	
Webex Room Kit Mini (unit) – SPARE	CS-KIT-MINI=	TTC7-26

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Warranty information

Webex Room Kit Mini has a 90-day limited liability warranty.

Cisco services and support

Cisco and our partners provide a broad portfolio of smart, personalized services and support that can help you realize the full business value of your Cisco collaboration investment by increasing business agility and network availability. This portfolio of services accelerates business innovation by harnessing the network as a powerful business platform. For more information about these services, please visit cisco.com/go/collaborationservices.

Cisco Capital

Flexible payment solutions to help you achieve your objectives

Cisco Capital makes it easier to get the right technology to achieve your objectives, enable business transformation and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services and complementary third-party equipment in easy, predictable payments. Learn more.

For more information
Please visit cisco.com/go/roomkit

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