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Collaboration device product matrix

Cisco Collaboration Devices

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FEATURE/FUNCTIONALITY	BOARD PRO 55/75	ROOM KIT EQX
Form Factor	All-in-one, integrated room system and meeting board with a 55" or 75" touch display. Available in wall-mount, wall-stand, floor-stand, and floor-stand with wheel upgrade models. Comes with two active board pens.	Integrated, multi-screen room system that connects with 65" to 75" external displays. Available in Carbon Black version.
Key Features	<p>Cisco Board Pro is an all-in-one room device for high-quality hybrid meetings and collaborative teamwork in small and medium workspaces. It is an award-winning, beautifully designed hardware solution combining inclusive video conferencing, interactive ideation, and co-creation, allowing your teams to join video meetings and present on any platform, and annotate on any shared content or digitally whiteboard on a responsive touch screen. Featuring built-in cameras, speakers, microphones, touch screen, computing engine, and versatile mounting options, it allows you to seamlessly run the native Cisco Rooms and Microsoft Teams Rooms experiences and use your go-to productivity and ideation web apps in one integrated and fluid workflow.</p> <p>Supports:</p> <ul style="list-style-type: none"> • 24 MP, dual camera system optimized to capture people close and further from the device, supporting intelligent multi-participant framing, dynamic speaker tracking, optimized group views • Advanced video interoperability: powered by Cisco RoomOS for native Webex Meetings, and advanced third-party integration with Microsoft Teams, Google Meet, and Zoom; alongside native support for Microsoft Teams Rooms • Responsive, anti-glare and anti-fingerprint touch LCD interactive touch screen • Two active board pens with pen-finger differentiation • Versatile mounting options for wall and floor, and wheel-stand upgrade kit for portability • 12-element internal microphone array and versatile voice pickup extension options with IP, USB and analog microphones. Support for the digital Table Microphone Pro and third-party microphones. • Stereo speaker array supporting spatial audio • HDMI out to connect with external screen, connectivity with an external PTZ camera and the Room Navigator touch controller • USB-C passthrough to support instant content share, touch redirect and BYOD experiences • Embedded computing engine with NVIDIA chipset for advanced AI processing 	<p>Cisco Room Kit EQX is an integrated collaboration device solution that combines an AI-infused video conferencing system with flexible mounting options and iconic design to enable a flagship video meeting experience in your medium-to-large meeting rooms and collaboration spaces. Beyond featuring a built-in, multi-lens camera system, an AI-powered codec, an advanced, directional audio system, and a durable main module, it gives the flexibility to bring your own external displays and integrate them with an all-in-one kit of room conferencing hardware bundle. What's more, the Room Kit EQX helps you simplify meeting room video deployment and management at scale while running natively on Cisco Rooms and Microsoft Teams Rooms.</p> <p>Supports:</p> <ul style="list-style-type: none"> • 80 MP, quad-lens camera system optimized to capture people in high quality up to 9 meters from the device (at 1080p resolution), supporting intelligent multi-participant framing, dynamic speaker tracking, optimized group views • Advanced video interoperability: powered by Cisco RoomOS for native Webex Meetings, and advanced third-party integration with Microsoft Teams, Google Meet, and Zoom; alongside native support for Microsoft Teams Rooms • Connects with 65" to 75" external displays in the main module, and an extra screen • Versatile mounting options for wall and floor • Internal microphone array for speaker tracking, and versatile microphone connectivity options for speech capture supporting IP, USB and analog microphones. Support for the digital Table Microphone Pro and third-party microphones over AES67. • Multi-channel loudspeaker system with dedicated amplifier and bass module for room-filling, spatial sound • Advanced connectivity with touch controller, external cameras, and other room peripherals • USB-C passthrough to support instant content share and BYOD experiences • Embedded computing engine with NVIDIA chipset for advanced AI processing
Screens	<p>Integrated touch screen:</p> <ul style="list-style-type: none"> • 55-inch/75-inch LCD monitor • Resolution: 4K UHD (3840x2160) /16:9) • Display type: IPS LCD. • Display size in inches: 55" or 75" • Luminance: Typ 350 cd/m2 • Viewing angle: +/- 89 degrees (all directions) • Number of colors: 1.07 billion (10bit) • Contrast: 1:1000 • Response Time: 8ms • Extension with an external display over HDMI out 	<ul style="list-style-type: none"> • Compatible with screens from 65" to 75" in the main module, and supports a third extra screen • HDMI interface CEC 2.0 • Recommended minimum resolution of 3840 x 2160 at 60 fps • 2x VESA Mounts, 400 vertical and 400-600 horizontal adjustment • Up to 42 kg weight per screen with floor stand configuration • Up to 50 kg weight per screen with wall-mount and wall-stand configuration • Screens require their own power outlet • Max thickness of screens: 75mm (3 in).
Camera	<p>Dual 4K, 24 MP camera system with two 12 MP image sensors Automatic best view and intelligent speaker tracking Frames camera mode: intelligent people framing for equitable views Support for virtual meeting zones Automatic brightness and white balance 5x manual zoom 3x digital zoom via SpeakerTrack</p> <p>Main camera 85° horizontal field of view, 64° vertical field of view Dual f/1.7-f/2.4 aperture 12 MP image sensor, 30 fps 1/2.3" CMOS, PDAF technology</p> <p>Ultra-wide camera 120° horizontal field of view, 90° vertical field of view f/2.0 aperture 12 MP image sensor, 30 fps 1/2.3" CMOS Optimal framing up to 6 meters (20 ft) from the device at 1080p resolution</p>	<p>4x CMOS image sensors with machine intelligent switching and up to 20 MP resolution per lens, optimized to capture people in high quality up to 9 meters from the device at 1080p resolution. 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 7.6x overall zoom (1.9x optical zoom and 4x digital zoom) f/2.0 aperture 83° horizontal field of view on the main wide-angle lens 50° horizontal field of view on the 3x 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 virtual meeting zones</p>



FEATURE/FUNCTIONALITY	BOARD PRO 55/75	ROOM KIT EQX
Multi-camera configurations	<ul style="list-style-type: none"> Supports connectivity with an external PTZ camera and features AI director from RoomOS to enable intelligent presenter views (requires connection with the Cisco PTZ 4K Camera or P60 Camera) 	<ul style="list-style-type: none"> Supports connectivity with external PTZ and conferencing cameras and features AI director from RoomOS for cinematic, multi-camera scenarios: Presenter and audience view by connecting with the Cisco PTZ 4K Camera Extended speaker view by connecting with the Cisco PTZ 4K Camera and Cisco IP microphones (coming soon) Cinematic cross-view by connecting with 2x Cisco PTZ 4K Cameras and Cisco IP microphones
Recommended Number of Participants	Up to 10 people	Up to 16 people (extensible with multi-camera configurations)
Video Quality	1920 x 1080 at 30 fps	Up to 1920x1080p at 60 fps
Video Standards	H.264 AVC, H.265 HEVC, H.263	H.264, H.265, H.263
Video Frame Rate	Up to 30 fps	Up to 60 fps
Content Sharing	3840 x 2160 at 15 fps	Up to 4Kp15
Software Supported	<ul style="list-style-type: none"> RoomOS 10.11 or later Microsoft Teams Rooms on Android 	<ul style="list-style-type: none"> Cisco RoomOS 11.9 or later Microsoft Teams Rooms on Android 
Signaling Protocol	<ul style="list-style-type: none"> H.323 SIP Webex WebRTC 	<ul style="list-style-type: none"> H.323 SIP Webex WebRTC
Connectivity	<ul style="list-style-type: none"> USB-C DisplayPort Alternate Mode up to 3840 x 2160p60 (4kp60) HDMI 2.0 type A input supports formats up to 3840 x 2160p30 (4kp30), HDCP compatible HDMI 2.0 type A output up to 3840 x 2160p60 (4kp60) Ethernet (RJ-45) 10/100/1000 Mbps for LAN Ethernet (RJ-45) 10/100/1000 Mbps for Cisco Room Navigator and room peripheral control 2x analog line in (3.5 mm miniJack) Analog line out (3.5 mm miniJack) USB 2.0 type A MicroUSB for maintenance Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac (2.4 and 5 GHz) - not available in non-radio version Bluetooth® and Bluetooth® Low Energy - Not available in non-radio version 	<ul style="list-style-type: none"> USB-C input supports formats up to maximum 3840 x 2160 at 30 fps 3x HDMI 1.4b 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 3x HDMI 2.0 outputs support formats up to 3840 x 2160 at 60 fps to connect with external displays Ethernet (RJ-45) 10/100/1000 Mbps for LAN 4x PoE++ (802.3.bt) Ethernet (RJ-45) 10/100/1000 with a total power budget of 90W for Room Navigator, amplifier, camera control, IP microphones, and other AV over IP peripherals 3x analog line in (3.5 mm miniJack) Analog line out (3.5 mm miniJack) 4x USB 3.0 type A ports, 1.5A charging capability MicroUSB for maintenance Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac/ax 2.4 GHz and 5 GHz also supported for LAN - not available in non-radio versions; Wi-Fi 6E 6GHz TriBand support Bluetooth® 5.2 and Bluetooth® Low Energy - Not available in non-radio version






FEATURE/FUNCTIONALITY	BOARD PRO 55/75	ROOM KIT EQX
Default Components	<p>Fully integrated main unit is delivered with:</p> <ul style="list-style-type: none"> - Multi-touch 55- or 75-inch 4k LCD display - 2x 4k cameras – wide and main field of view - 12 element second-generation microphone array - Integrated speakers and woofer • 2x active stylus pens • Wall mount kit (when floor stand is selected, the wall mount kit is no longer included) • Ethernet cable (16,4 feet/5 meters) • Power cord according to country specified in order 	<ul style="list-style-type: none"> • Integrated video conferencing system including: <ul style="list-style-type: none"> - Cisco Codec EQ (radio or non-radio options) - Cisco Quad Camera (integrated version) - Cisco Natural Audio Module IV (amplifier) - 6 x loudspeakers - 1 x bass unit • Cisco Room Navigator (Table Stand, First Light) • Mounting unit (wall-mount option by default) • Power adapters • Ethernet cable (for Room Navigator, 12 m) • Other internal cabling between the default components
Bandwidth Consumption	Up to 20 Mbps	Up to 20 Mbps
Audio Standards	Audio codec: G.711, G.722, G.722.1, G.729, AAC-LD, Opus,	Audio codec: G.711, G.722, G.722.1, G.729, AAC-LD, Opus, LPCM Audio interoperability: AES67
Audio Features	<ul style="list-style-type: none"> • AI noise removal • 12-element, built-in microphone array automatically modulates the active speaker so that clear audio is delivered to far-end participants • Advanced speaker tracking system ensures that the cameras always keep the speaker in focus. • Directional audio experience with multi-channel loudspeaker system including high-quality full-range drivers and separate force-cancelling woofers • Support for Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC), De-Reverberation, full duplex audio, full-band audio, self-hear, and ultrasound technology • Option to extend with external microphones and audio systems over IP, USB and analog connectivity. Support for the latest generation of Cisco IP microphones and third-party networked microphones 	<ul style="list-style-type: none"> • Spatial Audio • Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) • AI Noise Removal • Adjustable gain on all external connectors • Full Duplex, Self-Hear testing, Ultrasound Technology • 8-element microphone array for accurate speaker tracking • Advanced audio system featuring 6x loudspeakers, Cisco Natural Audio Module IV (amplifier) and bass unit • External microphone connectivity over IP, USB and analog ports • AV Integrator License option: full Audio API and Audio Console application for advanced audio setup and customizations, and extended microphone connectivity. • Support for the latest generation of Cisco IP microphones and third-party networked microphones over AES67
PID	Please consult the datasheet	Please consult the datasheet
Learn more	Cisco Board Pro Product Page 🔗	Room Kit EQX Product Page 🔗



FEATURE/FUNCTIONALITY	ROOM BAR	ROOM BAR PRO	ROOM KIT EQ
Form Factor	Integrated video bar appliance with built-in camera, codec, speakers, and microphone array, that comes with the Room Navigator touch control panel. Display not included. Available in First Light or Carbon Black version.	Integrated video bar appliance with built-in camera, codec, speakers, and microphone array, that comes with the Room Navigator touch control panel. Displays not included. Available in First Light or Carbon Black version.	Modular room kit appliance consisting of the Cisco Quad Camera, the standalone Codec EQ, and the Room Navigator touch panel. The Quad Camera is available in First Light or Carbon Black version. Available as integrator bundle with the PTZ 4K Camera
Key Features	Cisco Room Bar is a flexible video conferencing device designed to easily equip your huddle spaces and small meeting rooms with intelligent video collaboration. Featuring a 120-degree field of view camera and easy installation, Room Bar powers stunning meetings on any platform, 4K presentations, spatial audio, presence detection, dual external display support, wired and wireless content sharing, and powerful room integrations. It can run as a native, codec-powered collaboration appliance on Cisco Rooms and Microsoft Teams Rooms providing unmatched video interoperability, while also supporting BYOD experiences.	Cisco Room Bar Pro is an integrated, AI-enhanced video bar solution featuring intelligent dual cameras, a three-channel loudspeaker system, built-in microphone array, an AI-enhanced computing engine and rich connectivity options, combined with an intuitive touch controller and smart room accessories to provide intelligent, inclusive video collaboration for medium-sized meeting spaces. It can run as a native, codec-powered collaboration appliance on Cisco Rooms and Microsoft Teams Rooms providing unmatched video interoperability, while also supporting BYOD experiences. Room Bar Pro is a powerful video conferencing device that connects with up to three screens and other room accessories to video-enable and upgrade medium meeting rooms in a way that's easy to deploy, manage and scale.	Cisco Room Kit EQ is an AI-powered collaboration device solution that includes the multi-lens Quad Camera or the smart PTZ 4K Camera, the Codec EQ computing engine and other smart room peripherals to enable inclusive video conferencing on any platform. It integrates with up to three external displays while providing unparalleled camera and audio intelligence to create rich audiovisual and content experiences from medium and large rooms. It powers versatile wired and wireless content sharing, smart microphone extension options, AI camera views and noise removal, and advanced multi-camera scenarios for elevated hybrid meeting experiences. Powered by the Cisco RoomOS operating system and running the native Cisco Rooms and Microsoft Teams Rooms experiences, Room Kit EQ offers flexible configuration options to equip large and specialist spaces while simplifying installation, configuration and management at scale.
Screens	Supports up to 2 external displays. Touch screen compatible.	Supports up to 3 external displays. Touch screen compatible.	Supports connection with up to 3 external displays and connects with third-party touch screens.
Camera	<ul style="list-style-type: none"> • 12MP camera • 30 frames per second • 1/2.3" CMOS • 5x digital zoom • f/2.5 aperture • 120° horizontal field of view • 95° vertical field of view • Auto framing (face detect) • Speaker tracking • Frames multi-participant AI framing • Auto brightness, and white balance • Fixed focus lens • Support for virtual meeting zones • Automatic image rotation when mounted upside down • Optimal framing up to 4.5 meters (15 ft) from the device at 1080p resolution • Optimal speaker tracking experience up to 3 meters from the device at 1080p resolution 	<ul style="list-style-type: none"> • Dual camera system featuring a 112° wide-angle lens and a 70° tele-lens, both with 48 MP image sensors • Motorized tilt (between -2° and 20°) • 30 frames per second • 1/1.3" Quad Bayer • 5x digital zoom • f/2.8 fixed aperture on 112° camera and f/1.85 fixed aperture on 70° camera • 112 an 70° horizontal field of view • 94 and 55° vertical field of view • Auto framing (face detect) • Speaker tracking • Auto brightness and white balance • Fixed focus lens (112) and Auto focus (VCM) (70) • Automatic rotation of the image when the video bar unit is mounted upside down • Group view, Speaker view and Frames multi-participant framing mode, alongside manual camera adjustments • Support for virtual meeting zones • Automatic image rotation when mounted upside down • Optimal framing up to 7 meters (23 ft) from the device at 1080p resolution 	<ul style="list-style-type: none"> • 4x CMOS image sensors with machine intelligent switching and up to 20 MP resolution per lens, optimized to capture people in high quality up to 9 meters from the device at 1080p resolution • 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 • 7.6x overall zoom (1.9x optical zoom and 4x digital zoom) • f/2.0 aperture • 83° horizontal field of view on the main wide-angle lens • 50° horizontal field of view on the 3x 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 virtual meeting zones
Multi-camera configurations	N/A	Supports connectivity with external PTZ and conferencing cameras and features AI director from RoomOS for cinematic, multi-camera scenarios: <ul style="list-style-type: none"> • Presenter tracking by connecting with the Cisco PTZ 4K Camera • Cinematic cross-view by connecting with 2x PTZ cameras and Cisco IP microphones (coming soon) 	Supports connectivity with external PTZ and conferencing cameras and features AI director from RoomOS for cinematic, multi-camera scenarios: <ul style="list-style-type: none"> • Presenter and audience view by connecting with the Cisco PTZ 4K Camera • Extended speaker view by connecting with the Cisco PTZ 4K Camera and Cisco IP microphones (coming soon) • Cinematic cross-view by connecting with 2x Cisco PTZ 4K Cameras and Cisco IP microphones
Recommended Number of Participants	Up to 6 people	Up to 12 people	Up to 16 people (extensible with multi-camera configurations)
Video Quality	Up to 1080p60	Up to 1920 x 1080 at 60 fps	Up to 1920x1080p at 60 fps
Resolution	3840 x 2160 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)
Video Standards	H.263, H.264	H.263, H.264, H265	H.264, H.265, and H.263
Content sharing	Up to 3840 x 2160 at 15 fps	Up to 3840 x 2160 at 15 fps	Up to 3840 x 2160 at 15 fps



FEATURE/FUNCTIONALITY	ROOM BAR	ROOM BAR PRO	ROOM KIT EQ
Software Supported	<ul style="list-style-type: none"> Cisco RoomOS 11 or later Microsoft Teams Rooms on Android 	<ul style="list-style-type: none"> Cisco RoomOS 11.5 or later Microsoft Teams Rooms on Android 	<ul style="list-style-type: none"> Cisco RoomOS 11.1 or later Microsoft Teams Rooms on Android 
Signaling Protocol	<ul style="list-style-type: none"> H.323 SIP Webex WebRTC 	<ul style="list-style-type: none"> H.323 SIP Webex WebRTC 	<ul style="list-style-type: none"> H.323 SIP Webex WebRTC
Connectivity	<ul style="list-style-type: none"> 3.5mm analog audio input HDMI video input supports formats up to maximum 3840 x 2160 at 30 fps, including 1920 x 1080 at 60 fps USB-C input supports formats up to maximum 3840 x 2160 at 30 fps, including 1920 x 1080 at 60 fps 2x HDMI video outputs supporting formats up to 3840 x 2160 at 60 fps (touchscreen compatible) USB 2.0 type A Ethernet (RJ-45) 10/100/1000 for LAN Ethernet (PoE) (RJ-45) for Cisco Room Navigator direct pairing MicroUSB port for maintenance Power adapter port Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac (2.4 and 5 GHz) - not available in non-radio version Bluetooth® and Bluetooth® Low Energy - Not available in non-radio version 	<ul style="list-style-type: none"> 2x 3.5mm analog line in 3.5mm analog line out HDMI input supports formats up to maximum 3840 x 2160 at 30 fps, including 1920 x 1080 at 60 fps USB-C input supports formats up to maximum 3840 x 2160 at 30 fps, including 1920 x 1080 at 60 fps 3x HDMI outputs supporting formats up to 3840 x 2160 at 60 fps. Live video resolutions (encode and decode) up to 1920 x 1080 at 30 fps and 60 fps. Touchscreen compatible. 2x USB 2.0 type A input Ethernet (RJ-45) 10/100/1000 for LAN Ethernet (RJ-45) 10/100/1000 Mbps PoE (802.3af) port with a power budget of 15.4W for Room Navigator touch controller direct pairing 2x Ethernet (RJ-45) 100/1000 Mbps PoE (802.3af) port with a power budget of 15.4W for AV over IP peripherals MicroUSB port Power adapter port Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac/ax 2.4//5/6 GHz. Wi-Fi 6E 6GHz TriBand support Bluetooth® and Bluetooth® Low Energy - Not available in non-radio version 	<p>Codec EQ provides the following I/O connectivity:</p> <ul style="list-style-type: none"> USB-C input supports formats up to maximum 3840 x 2160 at 30 fps 3x HDMI 1.4b 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 3x HDMI 2.0 outputs support formats up to 3840 x 2160 at 60 fps to connect with external displays Ethernet (RJ-45) 10/100/1000 Mbps for LAN 4x PoE++ (802.3bt) Ethernet (RJ-45) 10/100/1000 with a total power budget of 90W for Room Navigator, amplifier, camera control, IP microphones, and other AV over IP peripherals 3x analog line in (3.5 mm miniJack) Analog line out (3.5 mm miniJack) 4x USB 3.0 type A ports, 1.5A charging capability MicroUSB for maintenance Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac/ax 2.4 GHz and 5 GHz also supported for LAN - not available in non-radio versions; Wi-Fi 6E 6GHz TriBand support Bluetooth® 5.2 and Bluetooth® Low Energy - Not available in non-radio version
Default Components	<ul style="list-style-type: none"> Main, integrated video bar unit of Room Bar (First Light or Carbon Black) featuring: <ul style="list-style-type: none"> Camera Speakers Microphones Computing engine Power adapter and country-specific power cord Cisco Room Navigator touch controller (table-stand or wall-mount) Ethernet cable for Room Navigator (8 m/26.2 ft) Network cable, round (5 m/16.4 ft) HDMI cable (1.5 m/4.9 ft) Mount kit (for wall and screen) Privacy cover 	<ul style="list-style-type: none"> Room Bar Pro unit (First Light or Carbon Black) with built-in codec, dual cameras, speakers, and microphone array Mounting Kit for Cisco Room Bar Pro (for screen and wall) Ethernet cable (for network connection, 16.4 ft / 5 m) HDMI cable (for one display, 4.9 ft / 1.5 m) Cisco Room Navigator for Table (First Light) Ethernet cable (for Room Navigator, 26.2 ft / 8 m) Power cord (country-specific) 	<ul style="list-style-type: none"> Cisco Codec EQ Antennas for Codec EQ (for radio version) Cisco Quad Camera (First Light or Carbon Black) or Cisco PTZ 4K Camera Wall mount for Quad Camera Power adapter (for Quad Camera) Region power cord Cisco Room Navigator control panel
Bandwidth Consumption	Up to 20 Mbps	Up to 20 Mbps	Up to 20 Mbps
Audio Standards	G.711, G.722, G.722.1, G.729, AAC-LD, Opus	Audio codec: G.711, G.722, G.722.1, G.729, AAC-LD, Opus Audio interoperability: AES67	Audio codec: G.711, G.722, G.722.1, G.729, AAC-LD, Opus Audio interoperability: AES67




FEATURE/FUNCTIONALITY	ROOM BAR	ROOM BAR PRO	ROOM KIT EQ
Audio Features	<ul style="list-style-type: none"> • Stereo loudspeaker system with 2 high-quality full range drivers, supporting spatial audio • 4-element beamforming microphone array • 1x analog or 1x USB microphone input for extended pickup range • Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) • AI-Powered, Adaptive Noise Removal, De-Reverberation • Full Duplex, Full-Band Audio, Self-Hear, Ultrasound Technology 	<ul style="list-style-type: none"> • 3-channel loudspeaker system with 3 high-quality full range drivers and a separate mechanically balanced dual woofer section, supporting directional audio • 16-element beamforming microphone array for advanced speech pick-up and support for speaker tracking • Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) • AI Noise Removal • De-Reverberation, Full Duplex, Full-Band Audio, Self-Hear • Spatial Audio • Ultrasound Technology • Audio input support via HDMI, analog, USB, IP, and Bluetooth • Audio output support via analog, DisplayPort/USB-C, USB-A, IP, and Bluetooth • Support for the latest generation of Cisco IP microphones and third-party networked microphones over AES67 	<ul style="list-style-type: none"> • High-quality loudspeaker system with a single full-range driver and dual low-frequency drivers • 6-element microphone array for accurate speaker tracking • Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) • AI-Powered Noise Removal • Adjustable gain on all external connectors • Full Duplex, Self-Hear testing, Ultrasound Technology • External microphone connectivity over IP, USB and analog ports • AV Integrator License option: full Audio API and Audio Console application for advanced audio setup and customizations, and extended microphone connectivity. • Support for the latest generation of Cisco IP microphones and third-party networked microphones over AES67
PID	Please consult the datasheet	Please consult the datasheet	Please consult the datasheet
Datasheet URL	Cisco Room Bar Product Page	Cisco Room Bar Pro Product Page	Room Kit EQ Product Page



FEATURE/FUNCTIONALITY	ROOM KIT PRO	ROOM KIT PLUS	ROOM KIT
Form Factor	Modular room kit appliance consisting of the Cisco Quad Camera, the standalone Codec Pro, and the Room Navigator touch panel. The Quad Camera is available in First Light or Carbon Black version. Available as integrator bundle with the PTZ 4K Camera.	Modular room kit appliance consisting of the Cisco Quad Camera, the standalone Codec Plus, and the Room Navigator touch panel. The Quad Camera is available in First Light or Carbon Black version. Available as integrator bundle with the PTZ 4K Camera	Integrated video bar appliance featuring a built-in camera, speakers, microphones, and codec. Comes with the Cisco Room Navigator touch panel.
Key Features	Cisco Room Kit Pro is an advanced AV integrator device bundle for high-quality, intelligent video collaboration in medium and large rooms, and specialist and vertical integrator environments. Running the native Cisco Rooms and Microsoft Teams Rooms experience, it is a powerful solution enabling flexibility and uncompromised performance for video deployment scenarios where the integration and configuration of multiple screens, cameras, microphones, and content sources may be required. It provides inclusive, AI-powered audio visual experiences and offers rich analog, HDMI, USB and IP connectivity, 6 simultaneous input sources, advanced audio console and configurations to enable the most advanced systems integration scenarios.	Cisco Room Kit Plus is a powerful collaboration device solution that integrates with 2 external displays to bring more intelligence and usability to your medium to large-sized meeting rooms. It consists of the powerful Codec Plus, the multi-lens Quad Camera bar, and the Room Navigator control touch panel. It offers sophisticated camera technologies that bring speaker-tracking and auto-framing capabilities to the modern meeting room while providing 4K content sharing, crisp ultraHD video, and advanced noise removal to help hybrid teams become more productive. Room Kit Plus also brings room intelligence, presence detection and auto wake-up, and open APIs for streamlined customizations.	Cisco Room Kit is an integrated, flexible video bar solution designed for medium workspaces with up to 10 people in the room. Powered by RoomOS, it enables intelligent meetings, rich presentations, and smart room and device integrations. It offers equitable, AI-powered camera views, AI noise removal and dynamic speaker tracking to enable seamless hybrid meetings. Room Kit includes a camera, a codec, speakers, and microphones while supporting single or dual screens, dual content sources, and wireless or wired content sharing for smart presentations. It comes with built-in sensors for presence detection to help track occupancy and better resource allocation.
Screens	Screen not included: Supports connection with up to 3 external displays and connects with third-party touch screens.	Screens not included: Supports connection with up to 2 external displays.	Screens not included. Supports connection with up to 2 external displays.
Camera	<ul style="list-style-type: none"> 4x CMOS image sensors with machine intelligent switching and up to 20 MP resolution per lens, optimized to capture people in high quality up to 9 meters from the device at 1080p resolution 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 7.6x overall zoom (1.9x optical zoom and 4x digital zoom) f/2.0 aperture 83° horizontal field of view on the main wide-angle lens 50° horizontal field of view on the 3x 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 virtual meeting zones 	<ul style="list-style-type: none"> 4x CMOS image sensors with machine intelligent switching and up to 20 MP resolution per lens, optimized to capture people in high quality up to 9 meters from the device at 1080p resolution 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 7.6x overall zoom (1.9x optical zoom and 4x digital zoom) f/2.0 aperture 83° horizontal field of view on the main wide-angle lens 50° horizontal field of view on the 3x 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 virtual meeting zones 	<ul style="list-style-type: none"> UltraHD fixed-lens camera with 5K sensor 3x digital zoom 15.1 MP image sensor (5184 x 2916 pixels) 83° horizontal field of view, 51.5° vertical field of view Resolution: Up to 1080p60 f/2.0 aperture Auto-framing (audio + face detect) Auto focus, brightness, and white balance Focus distance 1 m to infinity Speaker tracking Frames camera mode: intelligent multi-participant framing for equitable views Support for virtual meeting zones
Multi-camera configurations	Supports connectivity with external PTZ and conferencing cameras and features AI director from RoomOS for cinematic, multi-camera scenarios: <ul style="list-style-type: none"> Presenter and audience view by connecting with the Cisco PTZ 4K Camera Extended speaker view by connecting with the Cisco PTZ 4K Camera and Cisco IP microphones (coming soon) Campfire boardroom layout with 4x Quad Cameras, multiple Table Microphone Pro units, multiple codecs, and custom furniture (partner-led solution) 	Supports connectivity with external PTZ and conferencing cameras and features AI director from RoomOS for cinematic, multi-camera scenarios: <ul style="list-style-type: none"> Presenter and audience view by connecting with the Cisco PTZ 4K Camera 	N/A
Recommended Number of Participants	Up to 16 people (extensible with multi-camera configurations)	Up to 16 people (extensible with multi-camera configurations)	Up to 10 people
Video Quality	Up to 1920 x 1080p at 60 fps	Up to 1920x1080p at 60 fps	Up to 1920x1080p at 60 fps
Resolution	3840 x 2160 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)
Video Standards	H.263, H.264 and H.265	H.264, H.265, and H.263	H.264, H.265, and H.263
Content sharing	Up to 3840 x 2160 at 15 fps	Up to 3840 x 2160 at 15 fps	Up to 3840 x 2160 at 15 fps



FEATURE/FUNCTIONALITY	ROOM KIT PRO	ROOM KIT PLUS	ROOM KIT
Software Supported	<ul style="list-style-type: none"> • Cisco RoomOS 10.x or later • Microsoft Teams Rooms on Android 	<ul style="list-style-type: none"> • Cisco Collaboration Endpoint Software Version 9.14.5 or later • Cisco RoomOS 10.x or later 	<ul style="list-style-type: none"> • Cisco Collaboration Endpoint Software Version 9.14.5 or later • Cisco RoomOS 10.x or later
Signaling Protocol	<ul style="list-style-type: none"> • H.323 • SIP • Webex • WebRTC 	<ul style="list-style-type: none"> • H.323 • SIP • Webex • WebRTC 	<ul style="list-style-type: none"> • H.323 • SIP • Webex • WebRTC
Connectivity	<ul style="list-style-type: none"> • 2x HDMI inputs support formats up to maximum 1080p60 • 3x HDMI inputs support formats up to maximum UHD (3840 x 2160) @ 30 fps including HD1080p60 • 3G-SDI/HD-SDI input supports formats up to maximum 1080p60 • 2x HDMI outputs support formats up to 3840 x 2160@60 fps (4Kp60) • HDMI output supports formats up to 3840 x 2160@30 fps (4Kp30) • Ethernet (RJ-45) 10/100/1000 for LAN • 2x Ethernet (RJ-45) 10/100/1000 for direct camera control • 2x Ethernet (RJ-45) 10/100/1000 with PoE for Room Navigator and AV over IP peripherals • 8x analog line audio input (Euroblock) • 6x analog line audio output (Euroblock) • 2x USB type A ports • MicroUSB for maintenance • Factory reset pinhole • Wi-Fi 802.11a/b/g/n/ac 2.4 GHz and 5 GHz for LAN - not available in non- radio versions • Bluetooth® and Bluetooth® Low Energy - Not available in non-radio version 	<p>Codec Plus provides the following I/O connectivity:</p> <ul style="list-style-type: none"> • HDMI input supports formats up to maximum 1080p60 • 2x HDMI inputs support formats up to maximum 4K (3840 x 2160) at 30 fps including HD1080p60 • 2x HDMI outputs support formats up to 3840 x 2160p60 (4Kp60) • Ethernet (RJ-45) 10/100/1000 Mbps for LAN • Ethernet (RJ-45) 10/100/1000 for direct camera control • Ethernet (RJ-45) 10/100/1000 with PoE for Room Navigator pairing • 3x analog audio line in (3.5 mm miniJack) • Analog audio line out (3.5 mm miniJack) • USB type A port • MicroUSB for maintenance • Factory reset pinhole • Wi-Fi 802.11a/b/g/n/ac 2.4 GHz and 5 GHz for LAN - not available in non- radio versions 	<ul style="list-style-type: none"> • HDMI input supports formats up to maximum 4K (3840 x 2160) at 30 fps including HD1080p60 • 2x HDMI outputs support formats up to 3840 x 2160p60 (4Kp60). Live video resolutions (encode and decode) up to 1920 x 1080p30 and p60 (HD1080p) • Ethernet (RJ-45) 10/100/1000 Mbps for LAN • Ethernet (RJ-45) 10/100/1000 for Room Navigator pairing • 2x analog audio line in (3.5 mm miniJack) • Analog audio line out (3.5 mm miniJack) • USB type A port • MicroUSB for maintenance • Factory reset pinhole • Wi-Fi 802.11a/b/g/n/ac 2.4 GHz and 5 GHz for LAN - not available in non- radio versions
Default Components	<ul style="list-style-type: none"> • Cisco Codec Pro • Cisco Codec Pro Antennas • Cisco Quad Camera (First Light or Carbon Black) or Cisco PTZ 4K Camera • Wall mount kit for Quad Camera • Power adapter for Quad Camera • Region power cord • Cisco Room Navigator table-stand control panel • Ethernet Cable for Room Navigator, 8m 	<ul style="list-style-type: none"> • Cisco Codec Plus • Cisco Quad Camera (First Light or Carbon Black) or Cisco PTZ 4K Camera • Wall mount for Quad Camera • Power adapter (for Quad Camera) • Region power cord • Cisco Room Navigator table-stand control unit panel • Ethernet Cable for Room Navigator, 8m 	<ul style="list-style-type: none"> • Cisco Room Kit video bar main unit • Wall mount kit for Room Kit • Power adapter • HDMI cable for external screen • Region-specific power cord • Cisco Room Navigator table-stand control unit panel • Power injector for Room Navigator • Ethernet Cable to connect Room Navigator with power injector, 8m • Network cable for power injector, 5m • Network cable for LAN, 5m
Bandwidth Consumption	Up to 20 Mbps	Up to 6 Mbps	Up to 6 Mbps
Audio Standards	<p>Audio codec: G.711, G.722, G.722.1, G.729, AAC-LD, Opus</p> <p>Audio interoperability: AES67</p>	G.711, G.722, G.722.1, G.729, AAC-LD, Opus	G.711, G.722, G.722.1, G.729, AAC-LD, Opus



FEATURE/FUNCTIONALITY	ROOM KIT PRO	ROOM KIT PLUS	ROOM KIT
Audio Features	<ul style="list-style-type: none"> High-quality loudspeaker system with a single full-range driver and dual low-frequency drivers 6-element microphone array for accurate speaker tracking 8-port audio mixer 8x assignable equalizers Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) AI Noise Removal Full Duplex, Self-Hear testing, Ultrasound Technology External microphone connectivity over IP, USB and analog ports Full Audio API and Audio Console application for advanced audio setup and customizations, and extended microphone connectivity. Support for the latest generation of Cisco IP microphones and third-party networked microphones over AES67 	<ul style="list-style-type: none"> High-quality loudspeaker system with a single full-range driver and dual low-frequency drivers 6-element microphone array for accurate speaker tracking Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) AI Noise Removal Full Duplex, Self-Hear testing, Ultrasound Technology External microphone connectivity over USB and analog ports 	<ul style="list-style-type: none"> 5-element loudspeaker system in balanced configuration Internal microphone array for accurate speaker tracking and voice capture Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) AI Noise Removal Full Duplex, Self-Hear testing, Ultrasound Technology External microphone connectivity over USB and analog ports
PID	Please consult the datasheet	Please consult the datasheet	Please consult the datasheet
Datasheet URL	Room Kit Pro Product Page ⓘ	Room Kit Plus Product Page ⓘ	Room Kit Product Page ⓘ



FEATURE/FUNCTIONALITY	ROOM USB	ROOM KIT MINI	ROOM PANORAMA
Form Factor	Integrated USB video bar with built-in camera, speakers, and microphone array, that comes with remote control device. Display not included.	Integrated video bar appliance with built-in camera, speakers, microphone array, and a codec, that comes with the Cisco Room Navigator touch controller. Display not included.	All-in-one, integrated room system consisting of the Codec Pro, the Cisco Quad Camera, dual 85-inch 8K video displays and a 4K content screen, an advanced audio system, IP table microphone array, and the Room Navigator touch panel, alongside Cisco wall finish or flexibility to integrate with custom wall design.
Key Features	Cisco Room USB is a smart USB video bar solution for huddle spaces and small rooms that is compatible with any meeting platform. Featuring a built-in, 8MP camera, speakers, and microphones, it provides your teams with high-quality BYOD video meetings and rich wired and wireless content sharing experiences. With a simple user interface, the Room USB is controlled with a remote control or directly through your software client. When not in use, it makes your screens come alive with digital signage of your choice. It can be upgraded to a codec-powered video bar appliance for native video conferencing on Cisco Rooms.	Room Kit Mini is an AI-powered video conferencing appliance that's custom designed for huddle spaces and small meeting rooms. It's easy to use, deploy, and manage and combines a computing engine, wide-angle camera, mics, and speakers into a single video bar that integrates with a 4K display. Including the award-winning Cisco Room Navigator touch controller, you can bring intelligent video collaboration to any huddle room or small workspace.	The Room Panorama is a fully integrated, ultra-immersive video collaboration system offering amazing, panoramic camera views, an advanced speaker system supporting spatial sound and directional microphone technology into an all-in-one solution for medium-to-large rooms. Featuring the flexibility of Cisco Room Kit Pro at its core, the Room Panorama features a powerful computing and connectivity engine to build more complex and specialized video scenarios. It is the latest generation of Cisco TelePresence systems, providing three screens, multiple input sources, multi-camera connectivity, and workspace intelligence for modern conference and boardrooms.
Screens	Supports one external display (screen not included).	Supports one external display (screen not included).	Main displays (2 pcs) <ul style="list-style-type: none"> Model: Samsung LH85QPA8BCCXEN Size: 85-inch VA-LCD Neo QLED display, direct LED BLU (mini LED) Native Resolution: 7680 x 4320 (16:9), 8K UHD Contrast ratio: Typical 1200:1 Viewing angle: +/- 89 degrees Response time: 6 ms Brightness: 500 cd/m2 Presentation screen <ul style="list-style-type: none"> Samsung LH65QMREBCCXEN 65-inch VA-LCD display, edge LED Resolution: 3840 x 2160 (16:9), 4K UHD Contrast ratio: Typical 4000:1 Viewing angle: +/- 89 degrees Response time: Typical 8 ms Brightness: 300 cd/m2
Camera	<ul style="list-style-type: none"> 4K UltraHD camera Supports up to 60 fps (max 30 fps with best overview enabled) 8 MP image sensor 1/1.4 CMOS 2x zoom f/1.4 aperture 120° horizontal field of view Auto framing (face detect) Auto brightness and white balance Focus distance 1 m to infinity 	<ul style="list-style-type: none"> 4K UltraHD camera Supports up to 60 fps (max 30 fps with best overview enabled) 8 MP image sensor 1/1.4 CMOS 2x zoom f/1.4 aperture 120° horizontal field of view Auto framing (face detect) Auto brightness and white balance Focus distance 1 m to infinity Frames multi-participant camera framing, Group view and manual controls Support for virtual meeting zones 	<ul style="list-style-type: none"> 4x CMOS image sensors with machine intelligent switching and up to 20 MP resolution per lens, optimized to capture people in high quality up to 9 meters from the device at 1080p resolution 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 7.6x overall zoom (1.9x optical zoom and 4x digital zoom) f/2.0 aperture 83° horizontal field of view on the main wide-angle lens 50° horizontal field of view on the 3x 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 virtual meeting zones
Multi-camera configurations	N/A	N/A	<ul style="list-style-type: none"> Supports connectivity with external PTZ and conferencing cameras and features AI director from RoomOS for cinematic, multi-camera scenarios: Presenter tracking by connecting with the Cisco PTZ 4K Camera
Recommended Number of Participants	Up to 5 people	Up to 5 people	Up to 16 people (extensible with multi-camera configurations)



FEATURE/FUNCTIONALITY	ROOM USB	ROOM KIT MINI	ROOM PANORAMA
Video Quality	Up to 1080p60	Up to 1080p60	Up to 1920 x 1080p at 60 fps
Resolution	3840 x 2160 (16:9)	3840 x 2160 (16:9)	5120 x 2880p
Video Standards	H.264	H.264	H.263, H.264 and H.265
Content sharing	Up to 3840 x 2160 at 30 fps	Up to 3840 x 2160 at 30 fps	Up to 3840 x 2160 at 15 fps
Software Supported	<ul style="list-style-type: none"> Cisco Collaboration Endpoint Software Version 9.12.x or later Cisco RoomOS 10.x or later, or RoomOS 11.5.2.4 or later 	<ul style="list-style-type: none"> Cisco Collaboration Endpoint Software Version 9.14.x or later Cisco RoomOS 10.x or later 	<ul style="list-style-type: none"> Cisco RoomOS 10.x or later, or RoomOS 11.5.2.4 or later Cisco Collaboration Endpoint Software Version 9.12.x or later
Signaling Protocol	N/A	<ul style="list-style-type: none"> H.323 SIP Webex WebRTC 	<ul style="list-style-type: none"> H.323 SIP Webex WebRTC
Connectivity	<ul style="list-style-type: none"> HDMI output supports formats up to a maximum 4K (3840 x 2160) at 30 fps, including HD1080p60 HDMI output supports formats up to 3840 x 2160p60 (4Kp60). Live video resolutions (encode and decode) up to 1920 x 1080p30 and p60 (HD1080p) USB 2.0 type A USB 2.0 type C Ethernet (RJ-45) 10/100/1000 for LAN Ethernet (RJ-45) for touch controller direct pairing (when upgraded to appliance) MicroUSB port for maintenance Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac (2.4 and 5 GHz) - not available in non-radio version 	<ul style="list-style-type: none"> HDMI output supports formats up to a maximum 4K (3840 x 2160) at 30 fps, including HD1080p60 HDMI output supports formats up to 3840 x 2160p60 (4Kp60). Live video resolutions (encode and decode) up to 1920 x 1080p30 and p60 (HD1080p) USB 2.0 type A USB 2.0 type C Ethernet (RJ-45) 10/100/1000 for LAN Ethernet (RJ-45) for touch controller direct pairing (when upgraded to appliance) MicroUSB port for maintenance Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac (2.4 and 5 GHz) - not available in non-radio version 	<p>Codec Pro provides the following I/O connectivity:</p> <ul style="list-style-type: none"> 2x HDMI inputs support formats up to maximum 1080p60 3x HDMI inputs support formats up to maximum UHD (3840 x 2160) @ 30 fps including HD1080p60 3G-SDI/HD-SDI input supports formats up to maximum 1080p60 2x HDMI outputs support formats up to 3840 x 2160@60 fps (4Kp60) HDMI output supports formats up to 3840 x 2160@30 fps (4Kp30) Ethernet (RJ-45) 10/100/1000 for LAN 2x Ethernet (RJ-45) 10/100/1000 for direct camera control 2x Ethernet (RJ-45) 10/100/1000 with PoE for Room Navigator and AV over IP peripherals 8x analog line audio input (Euroblock) 6x analog line audio output (Euroblock) 2x USB type A ports MicroUSB for maintenance Factory reset pinhole Wi-Fi 802.11a/b/g/n/ac 2.4 GHz and 5 GHz for LAN - not available in non-radio versions
Default Components	<ul style="list-style-type: none"> Main, integrated video bar unit featuring camera, speakers and microphones Power adapter Country specific power cord Network cable, round (5 m/16.4 ft) HDMI cable (1.5 m/4.9 ft) for screen HDMI cable (4 m) for presentation USB type A to USB type C cable, 4 m Wall mount kit Remote control 	<ul style="list-style-type: none"> Main, integrated video bar unit featuring camera, speakers and microphones Power adapter Country specific power cord Network cable, round (5 m/16.4 ft) HDMI cable (1.5 m/4.9 ft) for screen Wall mount kit Privacy cover Cisco Room Navigator touch control panel Ethernet cable for Room Navigator (8 m/26.2 ft) 	<ul style="list-style-type: none"> Integrated main AV module including: <ul style="list-style-type: none"> Cisco Codec Pro for Room Panorama Cisco Quad Camera 2x 85-inch main monitors 1x 65-inch presentation display 12x loudspeakers 4x bass units Cisco Natural Audio Module IV (amplifier) Wall structure (optional Cisco wall finish) Cisco Room Navigator control unit with Ethernet cable, 8m Cisco Table Microphone Pro array (3-element) 2x Cisco Multi-head Cables, 9m (HDMI - HDMI, USB-C, Mini DP), Network cable, and power cable
Bandwidth Consumption	N/A	Up to 6 Mbps	Up to 16 Mbps
Audio Standards	N/A	G.711, G.722, G.722.1, G.729, AAC-LD, and Opus	G.711, G.722, G.722.1, G.729, AAC-LD, Opus




FEATURE/FUNCTIONALITY	ROOM USB	ROOM KIT MINI	ROOM PANORAMA
Audio Features	<ul style="list-style-type: none"> High-quality loudspeaker system 4-element beamforming microphone array Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) 	<ul style="list-style-type: none"> High-quality loudspeaker system 4-element beamforming microphone array Acoustic Echo Cancellation (AEC), Active Lip Synchronization, Automatic Gain Control (AGC) 	<ul style="list-style-type: none"> High-quality 45-20,000Hz 8x separate acoustic echo cancellers Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization Full-range multichannel and bass speakers AI noise removal Dedicated amplifier with 16 channels Spatial audio 8-element speaker array in the camera bar for speaker tracking 3x Table Microphone Pro units included by default for directional voice capture
PID	Please consult the datasheet	Please consult the datasheet	Please consult the datasheet
Datasheet URL	Cisco Room USB Product Page 🌐	Cisco Room Kit Mini Product Page 🌐	Room Panorama Product Page 🌐



FEATURE/FUNCTIONALITY	DESK	DESK PRO	DESK MINI
Form Factor	24-inch integrated system for the desk	27-inch integrated system for the desk	15-inch integrated system for the desk
Category	Collaboration Devices – Desk	Collaboration Devices – Desk	Collaboration Devices – Desk
Key Features	<p>The Cisco Desk is the all-in-one collaboration and productivity device for every desk –at home, in the office, or in a shared space. It is purpose-built for collaborating, whether you're in a meeting, sharing your laptop screen, or brainstorming with a teammate.</p> <ul style="list-style-type: none"> 24-inch, 1080p, anti-glare touch display 64-degree UHD camera Equipped with powerful audio hardware and features that enhance the conferencing experience Microphone array for crystal clear, directional sound pickup High-quality sound with a full-range mono speaker <p>Hot desking: Sign into a shared desk device and turn it into your personal device for the day.</p> <ul style="list-style-type: none"> Get the benefits of a personal meeting device, including meeting notifications five minutes before the start time. Notifications originate from your personal calendar. You join your meetings with One Button to Push. Includes the standard Webex meeting features such as a personal whiteboard Access your personal meeting room from Webex, and get host controls for the meetings you moderate Use your computer to sign in and book your device—connect your device to your computer with the USB-C cable Use your mobile phone to sign in and book your device—Open the camera app on your mobile phone and scan the QR code shown on the screen of the shared device. 	<p>Key Features: The Cisco Desk Pro is the most intelligent and advanced collaboration device that transforms the way you work, collaborate and co-create from your desk or in a shared space. Featuring a 4K 27-inch screen, 71° HD camera, 3.1 sound system, and advanced noise canceling mic array which provides for an exceptional video meeting experience.</p> <ul style="list-style-type: none"> 27-inch, 4K touch-enabled display Intelligent, HD voice and video One powerful USB-C cable giving access to display extension, touch forwarding and laptop charging HDMI out supporting extension with a second screen Registration flexibility on-premises and Cisco Webex in the cloud <p>Hot desking: Sign into a shared desk device and turn it into your personal device for the day.</p> <ul style="list-style-type: none"> Get the benefits of a personal meeting device, including meeting notifications five minutes before the start time. Notifications originate from your personal calendar. You join your meetings with One Button to Push. Includes the standard Webex meeting features such as a personal whiteboard Access your personal meeting room from Webex, and get host controls for the meetings you moderate Use your computer to sign in and book your device—connect your device to your computer with the USB-C cable Use your mobile phone to sign in and book your device—Open the camera app on your mobile phone and scan the QR code shown on the screen of the shared device. 	<p>The Cisco Desk Mini is a portable all-in-one collaboration device that enables you to make any space an office. Easily turn your dining room or any small space into a productive workspace.</p> <ul style="list-style-type: none"> 15-inch touch display 8 MP camera USB-C connection that can double up your screen real estate Intelligent microphone array for focused sound pickup and powerful speaker system Integrated whiteboard <p>Hot desking: Sign into a shared desk device and turn it into your personal device for the day.</p> <ul style="list-style-type: none"> Get the benefits of a personal meeting device, including meeting notifications five minutes before the start time. Notifications originate from your personal calendar. You join your meetings with One Button to Push. Includes the standard Webex meeting features such as a personal whiteboard Access your personal meeting room from Webex, and get host controls for the meetings you moderate Use your computer to sign in and book your device—connect your device to your computer with the USB-C cable Use your mobile phone to sign in and book your device—Open the camera app on your mobile phone and scan the QR code shown on the screen of the shared device.
Display	<ul style="list-style-type: none"> 24-inch LCD monitor 1080p resolution (16:9) High-contrast VA LED panel Contrast ratio: 1000:1 (typical) Viewing angle: +/- 89° (typical) Brightness: 300 cd/m2 color depth 16.7M colors Color gamut: 72% NTSC (95% sRGB) 	<ul style="list-style-type: none"> 27-inch LCD monitor Resolution: 4K (3840x2160) (16:9). High-contrast IPS LED panel Contrast ratio: 1000:1 (typical) Viewing angle: +/- 89° (typical) Response time: 14 ms (typical) · Brightness: 350 cd/m2 (typical) Color depth: 1.07B colors Color gamut: 72% NTSC (100% sRGB) 10 point multi-touch surface 	<ul style="list-style-type: none"> 15-inch LCD monitor 1080p resolution (16:9) IPS LED panel Contrast ratio: 700:1 (typical) Viewing angle: +/- 85° (typical) Brightness: 250 cd/m2 color depth 16.7M colors Color gamut: 72% NTSC (95% sRGB)
Camera	<ul style="list-style-type: none"> 64° horizontal field of view, 50° vertical field of view f/2.0 aperture 8MP image sensor, supports up to 30 fps 1/3.2-inch CMOS Automatic tilt adjustment Automatic focus, brightness, and white balance Focus distance: 10 cm to infinity Privacy shutter with LED light 	<ul style="list-style-type: none"> 71° horizontal field of view, 59° vertical field of view 4K Ultra HD camera · f/2.2 aperture Privacy shutter with LED indicator Automatic tilt adjustment Automatic focus, brightness and white balance Dual Pixel Technology 	<ul style="list-style-type: none"> 64° horizontal field of view, 50° vertical field of view f/2.0 aperture 8MP image sensor, supports up to 30 fps 1/3.2-inch CMOS Automatic tilt adjustment Automatic focus, brightness, and white balance Focus distance: 20 cm to infinity Privacy shutter with LED light in front (incoming calls and camera activation)
Recommended Number of Participants	1 person	1–2 people	1 person
Video Quality	up to 1920x1080p60	Up to 1080p60 (inbound), up to 1080p30 (outbound)	<ul style="list-style-type: none"> Supports 1080p60 Video stream: Full HD 1080p60 Content stream: 4K 2160p15 and full HD 1080p60
Resolution	1920 x 1080 (16:9)	3840 x 2160 (16:9)	1920 x 1080 (16:9)
Video Standards	H.263, H.264 AVC	H.264, H.265	H.264 AVC, H.263 H.263, H.264 AVC
Video Frame Rate	30 fps	60 fps	Up to 30fps



FEATURE/FUNCTIONALITY	DESK	DESK PRO	DESK MINI
Supported PC Resolutions	SVGA (800 x 600) up to 1080p (1920 x 1080) at 60 fps	SVGA (800 x 600) up to 1080p (1920 x 1080) at 60 fps 1080p60, 1440p60, 2160p30 (4K) and 2160p60 (4K)	1080p60
Software Supported	<ul style="list-style-type: none"> RoomOS 11 or later 	<ul style="list-style-type: none"> RoomOS 11 or later Microsoft Teams Room on Android 	<ul style="list-style-type: none"> RoomOS 11 or later
Signaling Protocol	VCS: H.323* and SIP Cisco Unified Communications Manager (UCM): SIP Webex: HTTP, REST APIs *Proprietary Cisco version	VCS: H.323 and SIP CUCM: SIP Cisco Webex: HTTP, REST APIs	VCS: H.323 and SIP CUCM: SIP Cisco Webex: HTTP, REST APIs
Peripherals Supported	USB Headset, Bluetooth® headset (wideband)	USB Headset, Bluetooth® headset (wideband), Analog headphone output (stereo minijack)	USB Headset, Bluetooth® headset (wideband)
Bandwidth Consumption	Up to 20 Mbps	Up to 20 Mbps	Up to 20 Mbps
Audio Standards	G.711, G.722, G.722.1, G.729, AAC-LD, and Opus	G.711, G.722, G.722.1, G.729, AAC-LD, and Opus	G.711, G.722, G.722.1, G.729, AAC-LD, and Opus
Audio Features	<ul style="list-style-type: none"> High-quality full-band audio Automatic gain control AI noise reduction Active lip synchronization Focused microphone pickup Music mode 	<ul style="list-style-type: none"> Loudspeaker frequency range: 60Hz-20kHz Internal 8-element microphone array for speech Microphone frequency range: 100Hz-20kHz up to 48 kHz sampling rate Automatic noise reduction Acoustic echo cancellers Automatic gain control (AGC) Active lip synchronization Keyclick suppression Focused microphone pickup Music mode 	<ul style="list-style-type: none"> Acoustic Echo Cancellation (AEC) Active Lip Synchronization Automatic Gain Control (AGC) Focused sound pickup De-reverberation Full duplex Full-band audio Music mode Noise reduction Optimize for my voice Self-hear
Suggested Use Cases	Desktop and focus rooms	Small shared spaces, hot desk, focus rooms, dedicated workspaces	Laptop at any desk or temporary workspace
Physical Dimensions	<ul style="list-style-type: none"> Width: 56.5 cm (22.2 in.) Height: 47.4 cm (18.7 in.) Depth: 7.0cm (2.8-inch) without stand, 16.7cm (6.6-inch) with stand Weight: 8.7 kg (19.2 lb.) Packaged size: 72.4x20x69.5 cm (28.5x7.887x27.36 in.) Packaged weight: 12.72 kg (28.043 lb) 	<ul style="list-style-type: none"> Width: 63 cm (24.8 in) Height: 50 cm (19.7 in) Depth: 7.5 cm (3 in) without desk stand, 18 cm (7.1 in) with desk stand Weight: 11.6 kg (24.4 lb) Packaged size: 29.7x9.2x29.5 in. (75.3x23.3x23.3 cm) Packaged weight: 35.2 lb (16 kg) 	<ul style="list-style-type: none"> Width: 14.6 in (37.1 cm) Height: 16.25 in (41.3 cm) Depth: 5.3 in (13.5 cm) Weight: 8.5 lb (3.9 kg) Packaged size: 21.4x18.8x11 in (54.6x48x28 cm) Packaged weight: 17 lb (8.04 kg)
PID	See datasheet .	See datasheet .	See datasheet .



FEATURE/FUNCTIONALITY	840 Wireless Phone	860 Wireless Phone	3900 SERIES – 3905
Intergral Switch	N/A	N/A	10/100
Display	4.0-inch 800x480	5.2-inch 1080x1920	128 x 32 pixel-based, graphical monochrome LCD without backlit
Integrated Video	N/A	N/A	No
Touch Screen	Dragontrail™ glass multi-touch screen	Gorilla™ glass multi-touch screen	No
Speakerphone	Yes	Yes	Yes
Number of Line keys	None, but configurable up-to 6 line appearances	None, but configurable up-to 6 line appearances	1
Programmable (Soft) keys	N/A	N/A	0
Fixed Feature Keys	Power, alarm, volume up/down, 2 user-programmable	Power, alarm, volume up/down, 2 user-programmable	8
Advanced Features	Accelerometer, Gyroscope, Magnetometer (compass), ALS/proximity, Device customization options that can be configured by a user or administrator	Accelerometer, Gyroscope, Magnetometer (compass), ALS/proximity, Device customization options that can be configured by a user or administrator	N/A
Handsfree	Hey Google	Hey Google	Yes
Message Waiting Indication	Yes	Yes	Yes
Third Party XML Support	Application developer interface for external services and integration with XML applications	Application developer interface for external services and integration with XML applications	No
Headset Port	Bluetooth 5.0 LE, USB-C, 3.5mm audio	Bluetooth 5.0 LE, USB-C, 3.5mm audio	No
Signaling Protocol	Session Initiation Protocol (SIP)	Session Initiation Protocol (SIP)	SIP
802.3af	802.11 a/b/g/n/d/h/i/k/r/u/ac	802.11 a/b/g/n/d/h/i/k/r/u/ac	Yes
USB	USB-C	USB-C	N/A
PoE Classification	N/A	N/A	Class 1
DHCP	Manual or Dynamic Host Configuration Protocol	Manual or Dynamic Host Configuration Protocol	Yes
802.1p/q	802.11 a/b/g/n/d/h/i/k/r/u/ac	802.11 a/b/g/n/d/h/i/k/r/u/ac	Yes
Codecs	Opus, G.711a, G.711u, G.722, G.729a	Opus, G.711a, G.711u, G.722, G.729a	G.711a, G.711μ, G.729, G.729a, and G.729b
Supported Cisco Call Control Platform(s)	Cisco Unified Communications Manager 11.5(1)SU8, 12.5(1)SU3, Webex Calling, CUCM	Cisco Unified Communications Manager 11.5(1)SU8, 12.5(1)SU3, Webex Calling, CUCM	CUCM 7.1(5) or later CUCMBE3000 – 8.6 CUCMBE5000 – 8.5 CUCMBE6000 – 8.5
UC Manager Encryption Support (TLS/SRTP)	TLS 1.2	TLS 1.2	No
PID	See datasheet CP-840-K9= CP-840-BUN-K9 CP-840S-K9= CP-840S-BUN-K9	See datasheet CP-860-K9= CP-860-BUN-K9 CP-860S-K9= CP-860S-BUN-K9	CP-3905=
Learn more	840 Wireless	860 Wireless	3905



FEATURE/FUNCTIONALITY	6800 SERIES – 6821	6823 DCT PHONE	6825 DECT PHONE
Intergral Switch	10/100	/100 BASE-T IEEE 802.3	10/100 BASE-T IEEE 802.3
Display	High-resolution 2.5-inch (240x120 pixel) grayscale display with white backlighting	1.7 in. (4.3 cm) 128 x 160 pixels, 64K TFT display	2.0 in. (5.0 cm) 240 x 320 pixels, 64K TFT display
Integrated Video	No	N/A	N/A
Touch Screen	No	No	No
Speakerphone	Yes	A full-duplex speakerphone gives you flexibility in placing and receiving calls. For added security, the Audible Dual-Tone Multi-Frequency (DTMF) tones are masked when the speakerphone mode is used.	A full-duplex speakerphone gives you flexibility in placing and receiving calls. For added security, the Audible Dual-Tone Multi-Frequency (DTMF) tones are masked when the speakerphone mode is used
Number of Line keys		2 lines supported	2 lines supported
Programmable (Soft) keys	4	3 soft keys	3 soft keys
Fixed Feature Keys	8	27 total keys, 0-9, # and * keys, 3 soft keys, Five-way navigation and select, Answer and end call keys, Volume up and down keys, Mute key, Speakerphone key, Menu key	28 total keys, 0-9, # and * keys, 3 soft keys, Five-way navigation and select, Answer and end call keys, 1 alarm key on top of the device, Volume up and down keys, Mute key, Speakerphone key, Menu key
Advanced Features	N/A	17 hour talk time, 200 hour idle time, Indoor range up to 50m, Outdoor range up to 300m, each handset is compatible with all Cisco base stations and repeaters	N/A
Handsfree	Yes	N/A	N/A
Message Waiting Indication	Yes	Yes	Yes
Third Party XML Support	Yes	XML / LDAP remote directory	XML / LDAP remote directory
Headset Port	Yes	3.5 mm wired headset	Bluetooth LE 4.1 and 3.5 mm wired headset
Signaling Protocol	Yes	SIP protocol support (RFC 3261 and companion RFCs)	SIP protocol support (RFC 3261 and companion RFCs)
802.3af	Yes	IEEE 802.3af (Base Station)	IEEE 802.3af (Base Station)
USB	No	N/A	USB-A can charge headset charging cradle
PoE Classification	Class 2	minimum IEEE 802.3: Power class 2 (3.84 - 6.49W)	Minimum IEEE 802.3: Power class 2 (3.84 - 6.49W)
DHCP	Yes	Dynamic Host Configuration Protocol (DHCP) (RFC 2131)	Dynamic Host Configuration Protocol (DHCP) (RFC 2131)
802.1p/q	Yes	N/A	N/A
Codecs	G711a, G.711μ, G.722.2, G.722, G.729a, G.729b, G.729ab, iLBC, iSAC, OPUS	Handset: G722 codec for HD audio, G726 codec for narrow band audio, HD audio speakerphone. Base station: G.711 (A-law and mu-law), G.722.2, G.726, G.729 (a and ab), OPUS	G722 codec for HD audio, G726 codec for narrow band audio, HD audio speakerphone
Supported Cisco Call Control Platform(s)	Cisco Broadworks, BroadCloud, Webex Calling and other supported third-party call control systems.	Cisco Webex Calling, Webex Calling Carrier, Cisco BroadWorks	Cisco Webex Calling, Webex Calling Carrier, Cisco BroadWorks, Asterisk Metaswitch, Cisco Unified Communications Manager as a 3rd party device
UC Manager Encryption Support (TLS/SRTP)	Yes	TLS support, DECT Encryption: CAT-iq 2.1 security support	TLS 1.2
PID	CP-6821-3PCC-K9= CP-6821-3PW-NA-K9=	CP-6823-3PC-BUN-CE CP-6823-3PC-BUN-AU CP-6823-3PC-BUN-NA CP-6823-3PC-BUN-UK	See datasheet
Learn more	6821 ⓘ	6823 ⓘ	6825 DECT ⓘ



FEATURE/FUNCTIONALITY	6800 SERIES – 6841	6800 SERIES – 6851	6800 SERIES – 6851 KEY EXPANSION MODULE	6800 SERIES – 6861	6800 SERIES – 6871
Integral Switch	10/100/1000	10/100/1000	N/A	No	10/100/1000
Display	High-resolution 3.5-inch (396x162 pixel) grayscale display with white backlighting	High-resolution 3.5-inch (396x162 pixel) grayscale display with white backlighting	Two 3.5-inch (9 cm) grayscale backlit LCD displays, 160 x 270 resolution	High-resolution 3.2-inch (320x120 pixel) grayscale display with white backlighting	High-resolution 3.5-inch (480x272 pixel) color display with backlighting
Integrated Video	No	No	N/A	No	No
Touch Screen	No	No	N/A	No	No
Speakerphone	Yes	Yes	N/A	Yes	Yes
Number of Line keys	4	4	14 physical keys; Second “page” of 14 keys via software = total of 28 keys per module	4	6
Programmable (Soft) keys	4	4	N/A	4	4
Fixed Feature Keys	11	11	2 – Page 1 and Page 2 keys	11	11
Advanced Features			Provides call pickup (CP), speed dial (SD), and busy lamp field (BLF) support via XML configuration	Wi-Fi, Every unit ships with a regional power adapter	–
Handsfree	Yes	Yes	N/A	Yes	Yes
Message Waiting Indication	Yes	Yes	N/A	Yes	Yes
Third Party XML Support	Yes	Yes	N/A	Yes	Yes
Headset Port	Yes	Yes	N/A	Yes	Yes
Signaling Protocol	SIP	SIP	N/A	SIP	SIP
802.3af	No	Yes	N/A powered by phone	No	Yes
USB	No	No	No	No	1 USB port
PoE Classification	N/A	Class 2	N/A	N/A	Class 3
DHCP	Yes	Yes	N/A	Yes	Yes
802.1p/q	Yes	Yes	N/A	Yes	Yes
Codecs	G711a, G.711μ, G.722.2, G.722, G.729a, G.729b, G.729ab, ILBC, iSAC, OPUS	G711a, G.711μ, G.722.2, G.722, G.729a, G.729b, G.729ab, ILBC, iSAC, OPUS	N/A	G711a, G.711μ, G.722.2, G.722, G.729a, G.729b, G.729ab, ILBC, iSAC, OPUS	G711a, G.711μ, G.722.2, G.722, G.729a, G.729b, G.729ab, ILBC, iSAC, OPUS
Supported Cisco Call Control Platform(s)	Cisco Broadworks, BroadCloud, Webex Calling and other supported third-party call control systems.	Cisco Broadworks, BroadCloud, Webex Calling and other supported third-party call control systems.	Cisco Broadworks, BroadCloud, Webex Calling and other supported third-party call control systems.	Cisco Broadworks, BroadCloud, Webex Calling and other supported third-party call control systems	Cisco Broadworks, BroadCloud, Webex Calling and other supported third-party call control systems
UC Manager Encryption Support (TLS/SRTP)	No	No	N/A	No	No
Notes					
PID	CP-6841-3PW-AU-K9= CP-6841-3PW-CE-K9= CP-6841-3PW-NA-K9= CP-6841-3PW-UK-K9=	CP-6851-3PCC-K9= CP-6851-3PW-AU-K9= CP-6851-3PW-CE-K9= CP-6851-3PW-NA-K9= CP-6851-3PW-UK-K9=	CP-68KEM-3PCC=	CP-6861-3PW-AU-K9= CP-6861-3PW-CE-K9= CP-6861-3PW-NA-K9= CP-6861-3PW-UK-K9=	CP-6871-3PCC-K9= CP-6871-3PW-AU-K9= CP-6871-3PW-CE-K9= CP-6871-3PW-NA-K9= CP-6871-3PW-UK-K9=
Datasheet URL	6841	6851	6851 Key Expansion Module	6861	6871



FEATURE/FUNCTIONALITY	6900 SERIES – 6901	7800 SERIES – 7811	7800 SERIES – 7821	7800 SERIES – 7832	7800 SERIES – 7841
Intergral Switch	No	10/100	10/100	N/A	10/100/1000
Display	No	384 x 106 pixel-based, anti-glare graphical monochrome display	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight	384 x 128 pixel-based, monochrome display with white LED backlight	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight
Integrated Video	No	No	No	No	No
Touch Screen	No	No	No	No	No
Speakerphone	No	Yes (Narrowband)	Yes	Yes	Yes
Number of Line keys	1	0	2	1	4
Programmable (Soft) keys	No	4	4	4	4
Fixed Feature Keys	4	11 (No headset audio key)	11	4 (navigation up/down, select key, mute key and volume toggle)	11
Advanced Features	–	Wideband audio available with purchase of wideband handset; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	Multi-call per-line appearance Full Wideband Audio Electronic Hookswitch Support (Through AUX Port); Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	360° Full Wideband Audio Expanded mute key eases participant access Raised edges enhances portability	Multi-call per-line appearance Full Wideband Audio Electronic Hookswitch Support (Through AUX Port) Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud
Handsfree	No	Yes	Yes	Yes	Yes
Message Waiting Indication	Yes	Yes	Yes	Yes	Yes
Third Party XML Support	No	Yes	Yes	Yes	Yes
Headset Port	No	No	Yes	No	Yes
Signaling Protocol	SCCP and SIP	SIP	SIP	SIP	SIP
802.3af	Yes	Yes	Yes	Yes	Yes
USB	No	No	No	No	No
PoE Classification	Class 1	Class 1	Class 1	Class 2	Class 1
DHCP	Yes	Yes	Yes	Yes	Yes
802.1p/q	Yes	Yes	Yes	Yes	Yes
Codecs	G.711a, G.711μ, G.729a, G.729b, and G.729ab, Internet Low Bitrate Codec (iLBC)	G.711a/μ, G.722, G.729a, iLBC and OPUS	G.711a, G.711μ, G.729a, G.729b, G.729ab, G.722, Internet Low Bitrate Codec (iLBC) and OPUS	G.711(u/A), G.729a, G.729ab, iLBC, iSAC, G.722, G.722.2, OPUS	G.711a, G.711μ, G.729a, G.729b, G.729ab, G.722, Internet Low Bitrate Codec (iLBC) and OPUS
Supported Cisco Call Control Platform(s)	CUCM 7.1(3) and later	CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later	CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later	Cisco Webex (requires Cisco Webex Enterprise firmware 11.0 or later); CUCM and Business Edition 6000/7000 10.5(2), 11.0, 11.5, 12.0 and later	CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later
UC Manager Encryption Support (TLS/SRTP)	Yes	Yes	Yes	Yes	Yes
Notes		FIPS 140-2 Level 1: Requires Phone OS 11.5 or later	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later		FIPS 140-2 Level 1: Requires Phone OS 11.5 or later
PID	CP-6901-C-K9= CP-6901-CL-K9= CP-6901-W-K9= CP-6901-WL-K9=	CP-7811-K9= CP-7811-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-7821-K9= (Charcoal); CP-7821-W-K9= (White); CP-7821-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-7832-K9= (Charcoal) CP-7832-W-K9= (White) CP-7832-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)	CP-7841-K9= (Charcoal) CP-7841-W-K9= (White); CP-7841-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)
Datasheet URL	6901	7811	7821	7832	7841



FEATURE/FUNCTIONALITY	7800 SERIES – 7861	8800 SERIES – 8811	8800 SERIES – 8832 CONFERENCE PHONE
Integral Switch	10/100	10/100/1000	No
Display	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight	5-inch (800 x 480 pixel) monochrome display with white backlight	3.9-inch (99 mm), 480 x 120 pixel-based, anti-glare graphical color display with white backlight
Integrated Video	No	No	No
Touch Screen	No	No	No
Speakerphone	Yes	Yes	Yes (full duplex; 360-degree coverage)
Number of Line keys	16	5	1 line
Programmable (Soft) keys	4	4	4
Fixed Feature Keys	11	12	8
Advanced Features	Multi-call per-line appearance Full Wideband Audio Electronic Hookswitch Support (Through AUX Port) Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	Gig Ethernet, Wideband Audio; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	Optional wired microphones, optional wireless DECT microphones (Q1-Q2CY2018), Daisy-chain option (Q1-Q2CY2018)
Handsfree	Yes	Yes	Yes – Speakerphone
Message Waiting Indication	Yes	Yes	Yes
Third Party XML Support	Yes	Yes	Yes
Headset Port	Yes	Yes, Wideband Support	No
Signaling Protocol	SIP	SIP	SIP
802.3af	Yes	Yes	Yes
USB	No	No	No
PoE Classification	Class 1	Class 2	Class 3
DHCP	Yes	Yes	Yes
802.1p/q	Yes	Yes	Yes
Codecs	G.711a, G.711μ, G.729a, G.729b, G.729ab, G.722, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711μ, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711μ, G.722, G.729a, G.729b, G.729ab, iLBC, OPUS, G.722.2 AMR-WB
Supported Cisco Call Control Platform(s)	CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later	CUCM: 8.5.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later Bus. Edition: 8.6.2, 9.1.2, 10.0 and later HCS: 8.6.2 and later Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later	CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later
UC Manager Encryption Support (TLS/SRTP)	Yes	Yes	Yes
Notes	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later	Other regions' availability, Wireless microphones, daisy chain (Q1-Q2CY2018)
PID	CP-7861-K9= (Charcoal) CP-7861-W-K9= (White) CP-7861-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8811-K9= (Charcoal); CP-8811-W-K9= (White); CP-8811-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8832-K9 (charcoal) CP-8832-W-K9 (white) CP-8832-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers) (see Data sheet for regional PIDs)
Datasheet URL	7861	8811	8832 Conference Phone




FEATURE/FUNCTIONALITY	8800 SERIES – 8841	8800 SERIES – 8851	8800 SERIES – 8861
Intergral Switch	10/100/1000	10/100/1000	10/100/1000
Display	5-inch high-resolution (800 x 480 pixel) WVGA color display	5-inch high-resolution (800 x 480 pixel) WVGA color display	5-inch high-resolution (800 x 480 pixel) WVGA color display
Integrated Video	No	No	No
Touch Screen	No	No	No
Speakerphone	Yes	Yes	Yes
Number of Line keys	5	5	5
Programmable (Soft) keys	4	4	4
Fixed Feature Keys	12	12	12
Advanced Features	Gig Ethernet, Wideband Audio; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice, USB Charging of Smartphone and Tablets, IP Phone 8800 Key Expansion Module – Up to 2; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice, USB Charging of Smartphone, IP Phone 8800 Key Expansion Module – Up to 3, 802.11a/b/g/n/ac Wi-Fi; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud
Handsfree	Yes	Yes	Yes
Message Waiting Indication	Yes	Yes	Yes
Third Party XML Support	Yes	Yes	Yes
Headset Port	Yes, Wideband Support	Yes – Wideband Support	Yes – Wideband Support
Signaling Protocol	SIP	SIP Other Protocols Supported: USB (1 port) Bluetooth and Non-Bluetooth versions available	SIP Other Protocols Supported: USB (2 ports) Bluetooth
802.3af	Yes	Yes	Yes
USB	No	1 USB port	2 USB port, 1 fast charging
PoE Classification	Class 2	Class 4	Class 4
DHCP	Yes	Yes	Yes
802.1p/q	Yes	Yes	Yes
Codecs	G.711a, G.711μ, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711μ, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711μ, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS
Supported Cisco Call Control Platform(s)	CUCM: 8.5.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later Bus. Edition: 8.6.2, 9.1.2, 10.0 and later HCS: 8.6.2 and later Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later	CUCM: 8.5.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later Bus. Edition: 8.6.2, 9.1.2, 10.0 and later HCS: 8.6.2 and later Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later	CUCM: 8.5.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later Bus. Edition: 8.6.2, 9.1.2, 10.0 and later HCS: 8.6.2 and later Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later
UC Manager Encryption Support (TLS/SRTP)	Yes	Yes	Yes
Notes	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later
PID	CP-8841-K9= (Charcoal); CP-8841-W-K9= (White); CP-8841-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8851-K9= (Charcoal) CP-8851-W-K9= (White) CP-8851-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8861-K9= (Charcoal) CP-8861-W-K9= (White) CP-8861-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)
Datasheet URL	8841	8851	8861



FEATURE/FUNCTIONALITY	8800 SERIES – 8851/8861 KEY EXPANSION MODULE	8800 SERIES – 8865	8800 SERIES – 8865 KEY EXPANSION MODULE	VIDEO PHONE 8875
Intergral Switch	N/A	10/100/1000	N/A	N/A
Display	Two 3.5-inch (89 mm) 18-bit 320x480 pixel, backlit, anti-glare color display	5-inch high-resolution (800 x 480 pixel) WVGA color display	Two 3.5-inch (89 mm) 18-bit 320x480 pixel, backlit, anti-glare color display	1024 x 600 high resolution 7-inch touch screen
Integrated Video	N/A	Yes – 720p HD, H.264 AVC Camera: 80° FOV, 25 degree tilt up/down; manual shutter (privacy)	N/A	Yes - 1080p HD Camera: 72° horizontal field of view, 45° vertical field of view Built-in privacy shutter
Touch Screen	N/A	No	N/A	Yes
Speakerphone	N/A	Yes	N/A	Full-duplex speakerphone
Number of Line keys	Per Module: 14; 28 with “page 2” via software	5	Per Module: 14 physical keys; 28 with “page 2” via software	16
Programmable (Soft) keys	N/A	4	N/A	0
Fixed Feature Keys	2: (Page 1 and Page 2 keys)	12	2: (Page 1 and Page 2 keys)	Directory, settings, voicemail, hold, forward, headset, mute, speaker
Advanced Features	USB port for headsets and smartphone charging; Supports Session Line Mode (SLM) and Enhanced Line Mode (ELM)	Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice, USB Charging of Smartphone, IP Phone 8800 Key Expansion Module – Up to 3, 802.11a/b/g/n/ac Wi-Fi; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud; A non-Bluetooth and Wi-Fi radio version also available	USB port for headsets and smartphone charging; Supports Session Line Mode (SLM) and Enhanced Line Mode (ELM)	Hot desking via a QR code gives access to personal business number for making calls, access to personalized meeting schedule, call history, and contacts. WiFi connectivity enables flexible deployment for homes.
Handsfree	N/A	Yes	N/A	N/A
Message Waiting Indication	N/A	Yes	N/A	Yes
Third Party XML Support	N/A	Yes	N/A	N/A
Headset Port	One side port (USB)	Yes – Wideband Support	One side port (USB)	USB-C, USB-A, RJ-9, AUX port, and Bluetooth
Signaling Protocol	SIP	SIP Other Protocols Supported: USB (2 ports) Bluetooth	SIP	Session Initiation Protocol, Session Description Protocol
802.3af	802.3at PoE	Yes	802.3at PoE	IEEE 802.3 Ethernet, IEEE 802.3af and 802.3at
USB	No	2 USB port, 1 fast charging	No	USB-C, USB-A
PoE Classification	Power drawn from IP phone	Class 4	Power drawn from IP phone	10/100/1000
DHCP	N/A	Yes	N/A	Yes
802.1p/q	N/A	Yes	N/A	802.1Q
Codecs	N/A	G.711a, G.711μ, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	N/A	G.711 a-law and mu-law, G.722, G.729a, Internet Low Bitrate Codec (iLBC), and Internet Speech Audio Codec (iSAC)
Supported Cisco Call Control Platform(s)	CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later	CUCM: 8.5.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later Bus. Edition: 8.6.2, 9.1.2, 10.0 and later HCS: 8.6.2 and later Cisco Webex: Requires Cisco Webex Enterprise firmware 11.0 or later	CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later	<ul style="list-style-type: none"> UC Manager supported TLS/SRTP are supported for Webex Calling and Webex for Broadworks
UC Manager Encryption Support (TLS/SRTP)	Supported by IP Phone	Yes	Supported by IP Phone	Ethernet 802.1x supplicant options: Extensible Authentication Protocol-Flexible Authentication via Secure Tunneling (EAP-FAST) and Extensible Authentication Protocol-Transport Layer Security (EAP-TLS), Signaling authentication and encryption using TLS, Media authentication and encryption using SRTP
Notes	N/A	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later	N/A	N/A
PID	CP-8800-A-KEM= (charcoal) CP-8800-A-KEM-3PC= Multiplatform Phone: (Cisco approved Service Providers)	CP-8865-K9= (Charcoal) CP-8865-W-K9= (White) CP-8865-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8800-V-KEM = (charcoal) CP-8800-V-KEM-3PC = Multiplatform Phone: (Cisco approved Service Providers)	CP-8875-K9= (Carbon Black) CP-8875-L-K9= (First Light)
Datasheet URL	8851/8861 Key Expansion Module	8865	8865 Key Expansion Module	8875




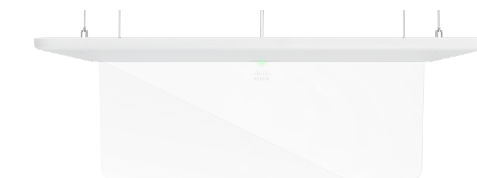
FEATURE/FUNCTIONALITY	320 SERIES - 321 & 322	520 SERIES - 521 & 522	530 SERIES - 531 & 532	560 SERIES - 561 & 562	720 SERIES - 721 & 722	700 SERIES - 730
Key Features	<ul style="list-style-type: none"> Available in single or dual wearing styles Wired Connect via RJ9, USB A, or USB C In-line controller featuring one button to join for Webex or Microsoft Teams. Powerful noise isolation to minimize background noise in calls Integrated with Cisco IP Phone, Webex app and devices 	<ul style="list-style-type: none"> Available in single or dual wearing styles Wired Connect via USB A, USB C, or 3.5mm In-line controller Powerful noise isolation to minimize background noise in calls Integrated with Cisco IP Phone, Webex app and devices 	<ul style="list-style-type: none"> Available in single or dual wearing styles Wired Connect via USB A, USB C, or RJ In-line controller with Quick Disconnect Powerful noise isolation to minimize background noise in calls Integrated with Cisco IP Phone, Webex app and devices 	<ul style="list-style-type: none"> Available in single or dual wearing styles Up to 10-hour talk time DECT with 300+ ft roaming range Powerful noise isolation to minimize background noise in calls Integrated with Cisco IP Phone, Webex app and devices 	<ul style="list-style-type: none"> Bluetooth 5.0 Up to 23-hour talk time Integrated on-ear call controls Powerful noise isolation to minimize background noise in calls On-ear join button for Webex or Microsoft Teams Integrated with Cisco IP Phones, Webex app, and devices AI-Voice activated microphones Flip to mute on microphone boom arm 	<ul style="list-style-type: none"> Bluetooth 5.0 Active noise cancellation AI-Voice activated microphones Up to 20-hour talk time Integrated on-ear call controls Powerful noise isolation to minimize back-ground noise in calls Premium codecs and 40mm speakers Integrated with Cisco IP Phone, Webex app and devices
Wearing Style	On-Ear with Headband	On-Ear with Headband	On-Ear with Headband	On-Ear with Headband	On-Ear with Headband	On-Ear with Headband
Mono / stereo styles	Mono and Stereo	Mono and Stereo	Mono and Stereo	Mono and Stereo	Mono and Stereo	Stereo only
Ear Cushion Materials	Foam or leatherette	Leatherette	Leatherette	Leatherette	Leatherette	Leatherette
Wireless	No	No	No	Yes	Yes	Yes
DECT	No	No	No	Yes	No	No
Bluetooth	No	No	No	Cisco 560 Series with Mutibase	Yes	Yes
Connection	RJ9 and USB (A or C)	USB (A or C) and 3.5 mm	USB (A or C) and RJ-9	USB (Phone and PC) and DECT	Bluetooth, USB HD Adapter, and USB (A or C)	Bluetooth, USB HD Adapter, USB (A or C) and 3.5 mm
Simultaneous Connections						
Quick Disconnect	No	No	Yes	No	No	No
Microphone Boom	Yes	Yes	Yes	Yes	Yes	No
Passive Noise Cancellation	Yes	Yes	Yes	Yes	Yes	Yes
Active Noise Cancellation	No	No	No	No	No	Yes
Enterprise Security	Yes	Yes	Yes	Yes	Yes	Yes
Cisco Management and Analytics	Yes	Yes	Yes	Yes	Yes	Yes
Certifications	Microsoft Teams 				Microsoft Teams 	
Learn More	320 Series Product page  See Datasheet	520 Series Product page  See Datasheet	530 Series Product page  See Datasheet	560 Series Product page  See Datasheet	720 Series Product page  See Datasheet	730 Product page  See Datasheet



FEATURE/FUNCTIONALITY	900 SERIES - B&O CISCO 950	900 SERIES - B&O CISCO 980
Key Features	<ul style="list-style-type: none"> • Bluetooth 5.2 • Adaptive Active Noise Cancellation • Transparency mode • 5 hours talk time with adaptive ANC • Premium codecs • Integrated on-ear call controls • Waterproof up to a meter resistance for 30 minutes • Integrated with Cisco IP Phones, Webex app, and devices 	<ul style="list-style-type: none"> • Bluetooth 5.1 • Adaptive active noise cancellation • Transparency mode • Up to 24-hour talk time • Premium 40mm speaker and driver • Integrated on-ear call controls • Powerful noise isolation to minimize background noise in calls • Integrated with Cisco IP Phone, Webex app and devices
Wearing Style	True Wireless Earbuds	Over-Ear with Headband
Mono / stereo styles	Mono and stereo	Stereo only
Ear Cushion Materials	Comply™ foam ear tips + 4 silicon options	Premium Leather
Wireless	Yes	Yes
DECT	No	No
Bluetooth	Yes	Yes
Connection	Bluetooth and USB HD Adapter	Bluetooth, USB HD Adapter, USB (A or C) and 3.5 mm
Simultaneous connections	2 Bluetooth	2 Bluetooth + 1 USB wired
Quick Disconnect	No	No
Microphone Boom	No	No
Passive Noise Cancellation	Yes	Yes
Active Noise Cancellation	Yes	Yes
Enterprise Security	Yes	Yes
Cisco Management and Analytics	Yes	Yes
Certifications		
Learn More	B&O Cisco 950 Product page ⓘ See Datasheet	B&O Cisco 980 Product page ⓘ See Datasheet



FEATURE/FUNCTIONALITY	ROOM NAVIGATOR FOR TABLE	ROOM NAVIGATOR FOR WALL
Form factor	Tabletop touch panel. Rotating the device provides two possible viewing angles (34° and 51°) while the user interface automatically rotates by 180°.	Wall-mount touch panel that integrates with a variety of wall surfaces and features a 15° tilted angle for accessibility. The 360° viewable, multi-colour LED indicates room availability.
Key Features	The table-stand Cisco Room Navigator control panel is a purpose-built, 10-inch touch device designed to bring instant access to seamless meeting join, meeting controls, smart room booking, advanced room controls on the native Cisco Rooms experience while also supporting third-party or custom workplace experience applications for wayfinding, digital signage, and space reservation. The device can be deployed as a room controller or a room scheduling display.	The wall-mount Cisco Room Navigator control panel is a purpose-built, 10-inch touch device designed for seamless room booking, room availability, and check-in experience on the native Cisco Rooms or Microsoft Teams Panel experience while also supporting third-party or custom workplace experience applications for wayfinding, digital signage, and space reservation. The device can be deployed as a room booking display in standalone mode or paired with a Cisco video device, and also can be used as an in-room control panel.
Screens	<ul style="list-style-type: none"> • Capacitive touch LCD • 10.1-inch diagonal • Anti-glare and anti-fingerprint 	<ul style="list-style-type: none"> • Capacitive touch LCD • 10.1-inch diagonal • Anti-glare and anti-fingerprint
Resolution	1920 x 1200 pixels	1920 x 1200 pixels
Software Supported	<ul style="list-style-type: none"> • CE 9.14 or later or Cisco RoomOS • Microsoft Teams Rooms Console on Android 	<ul style="list-style-type: none"> • CE 9.14 or later or Cisco RoomOS • Microsoft Teams Panel (coming soon)
Protocol	TCP/IP	TCP/IP
Audio features	Speaker for keypad input feedback only	Speaker for keypad input feedback only
Sensors	Temperature, humidity, air quality (TVOC), microphone (general noise, ambient noise, and acoustics), ambient light sensor (ALS)	Temperature, humidity, air quality (TVOC), microphone (general noise, ambient noise, and acoustics), ambient light sensor (ALS)
Pairing	Direct to the codec or with remote pairing (IP)	Direct to the codec or with remote pairing (IP)
Memory	4GB	4GB
Connectivity	Ethernet, microUSB, factory reset pinhole	Ethernet, microUSB, factory reset pinhole
Physical Dimensions	<ul style="list-style-type: none"> • 2.8 x 9.53 x 6.42 in. (7.1 x 24.2 x 16.3 cm) • Maximum height in vertical position 5.2 in (13.2 cm) 	<ul style="list-style-type: none"> • 2.8 x 9.53 x 6.3 in. • (6.9 x 24.2 x 16.4 cm) • Maximum height in vertical position 6,5 in (16.4 cm)
PID	Please consult the datasheet	Please consult the datasheet
Datasheet URL	Room Navigator Table Stand ⓘ	Room Navigator Table Stand ⓘ










FEATURE/FUNCTIONALITY	CISCO TABLE MICROPHONE PRO	CISCO TABLE MICROPHONE	CISCO CEILING MICROPHONE
Form factor	Discreet table microphone with durable, perforated steel housing that showcases simple and elegant aesthetics and is yet robust for everyday use	Discreet table microphone that showcases simple and unobtrusive aesthetics and is yet robust for everyday use.	Discreet ceiling microphone that showcases simple and unobtrusive aesthetics for any workspace.
Microphone type	Multi-directional IP table microphone (cardioid, 360-degree pickup pattern), multi-zone boundary type featuring 4 independent microphone channels	Balanced omnidirectional table microphone (360-degree pickup pattern), boundary layer type	Balanced directional ceiling microphone (180-degree pickup pattern), boundary layer type
Audio standard	Digital (audio over IP)	Analog	Analog
Pickup range	3m (10 ft) diameter (1.5m radius) under optimal acoustic conditions	3m (10 ft) diameter (1.5m radius) under optimal acoustic conditions	Up to 4.3m under optimal acoustic conditions
Compatibility	Room Bar Pro, Room Kit EQ, Room Kit EQX, Room Kit Pro, Board Pro 55/75, Room Panorama, Room 70 Panorama, Room 70 Panorama Upgrade	Room Bar, Room Bar Pro, Room Kit, Room Kit Plus, Room Kit EQ, Room Kit EQX, Room Kit Pro, Board Pro 55/75, Room 55, Room 55 Dual, Room 70 G2, Room 70 G2 Dual, Room Panorama, Room 70 Panorama, Room 70 Panorama Upgrade, SX10, SX20, SX80, MX700, MX800	Room Bar, Room Bar Pro, Room Kit, Room Kit Plus, Room Kit EQ, Room Kit EQX, Room Kit Pro, Board Pro 55/75, Room 55, Room 55 Dual, Room 70 G2, Room 70 G2 Dual, Room Panorama, Room 70 Panorama, Room 70 Panorama Upgrade, SX10, SX20, SX80, MX200, MX300, MX700, MX800
Connector	Ethernet RJ45	Available with 4-pin Euroblock or 4-pin mini jack connectors	Available with 4-pin Euroblock or 4-pin mini jack connectors
Frequency range	100 Hz to 16 kHz, +/- 6 dB (on axis)	80 Hz to 20 kHz, +/-6 dB	80 Hz to 20 kHz, +/-6 dB
Signal to noise ratio	Minimum 70 dB	Minimum 70 dB	Minimum 72 dB
Audio features	<ul style="list-style-type: none"> Acoustic Echo Cancellation (AEC) Automatic Handling Noise Attenuation Noise cancellation Cardioid pickup pattern Built-in digital signal processing (intelligent levelling, equalization, and mixing) 	<ul style="list-style-type: none"> Omnidirectional pickup pattern 	<ul style="list-style-type: none"> Directional pickup pattern
Mute functionality	<ul style="list-style-type: none"> LED showing mute status Capacitive mute/unmute button 	<ul style="list-style-type: none"> LED showing mute status Mute/unmute button 	<ul style="list-style-type: none"> LED showing mute status Mute controls via touch pane
Mounting	<ul style="list-style-type: none"> On-table (cabling can be routed on the table or through the table) In-table flush mounting (recessed into the table) 	<ul style="list-style-type: none"> On-table (cabling can be routed on the table or through the table) In-table mounting (recessed into the table on magnetic plate) 	<ul style="list-style-type: none"> Ceiling mount
Dimensions	<ul style="list-style-type: none"> Diameter: 9,8 cm (3,85 inches) Height: 2,9 cm (1,15 inch) 9,8 x 9,8 x 2,9 cm (3.85 x 3.85 x 1.15 in) Attached cable length: 11 m (36 feet) 	<ul style="list-style-type: none"> Round shape 6.39 cm (diameter) x 1.09 cm 2.52 in (diameter) x 0.43 in 	<ul style="list-style-type: none"> 75 x 55 x 27 cm 29.5 x 21.6 x 9.8 in
Device management	Yes, in Control Hub	N/A	N/A
PID	Please consult the datasheet	Please consult the datasheet	Please consult the datasheet
Learn more	Cisco Table Microphone Pro ⓘ	Cisco Table Microphone ⓘ	Cisco Ceiling Microphone ⓘ



FEATURE/FUNCTIONALITY	DESK CAMERA 1080	DESK CAMERA 4K	QUAD CAMERA	PTZ 4K CAMERA	CISCO PRECISION 60 CAMERA
<p>Key Features</p>	<ul style="list-style-type: none"> • Full HD webcam • 1080p resolution • Low light performance • Adjustable image and field of view settings • Auto-focus • Built-in privacy shutter 	<ul style="list-style-type: none"> • Ultra HD webcam • 4K resolution • Low light performance • Adjustable image and field of view settings • Auto-focus • Built-in privacy shutter • Facial recognition • Best overview / automatic framing 	<p>The Cisco Quad Camera features 5x digital zoom (3 telephoto lenses each with 50-degree horizontal field of view) with a total of 83-degree horizontal field of view. This 5k-capable video conferencing camera (5120 x 2880 pixel resolution) supports 60 frames per second video providing smooth and sharp output. The camera bar includes built-in speakers and microphones and has excellent panning capability and a substantial field of view for medium to large-sized conference rooms.</p>	<p>The Cisco PTZ 4K Camera is a premium pan-tilt-zoom camera that provides superior video quality, powerful zoom capabilities, intelligent AI-based features, and flexibility for optimized video collaboration experiences. It is a high-quality imaging solution for video conferencing and maximum flexibility for larger conference rooms. It seamlessly supports meeting spaces where you need special camera placement, want to view objects close up, or view a wide area with pan-tilt-zoom capability.</p> <p>Featuring a powerful zoom capability, the PTZ 4K Camera provides high-quality video for cinematic meeting experiences for in presenter tracking, extended speaker view, and multi-camera cross-view scenarios, providing a clear close-up view, framing and dynamic tracking of the presenter, the active speaker and other meeting participants. When combined with the Room Kit EQ, Room Kit EQX, Room Kit Pro or Room Kit Plus, it features AI-powered face and upper-body detection to enable natural interactions that remote participants can follow just like in-person attendees. Available with wall and ceiling mount bracket.</p>	<ul style="list-style-type: none"> • The Cisco Precision 60 Camera is a high-quality pan-tilt-zoom camera that provides superior video quality, powerful zoom. When you need the best clarity for video conferencing, the Cisco TelePresence® Precision 60 Camera not only delivers a premier imaging experience, but also gives you a high level of flexibility for easy integration into meeting rooms, boardrooms, and special industry projects. It supports intelligent presenter tracking when combined with the Room Kit EQ, Room Kit Plus, and Room Kit Pro bundles.
<p>Camera</p>	<p>1080p Full HD camera 8MP Image sensor 83° diagonal field of view 4x digital zoom Built-in video privacy shutter</p>	<p>4K Ultra HD camera 13MP image sensor 81° diagonal field of view 10x digital zoom Built-in video privacy shutter Best overview Facial recognition software</p>	<ul style="list-style-type: none"> • 4x CMOS image sensors with machine intelligent switching and up to 20 MP resolution per lens • 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 • 7.6x overall zoom (1.9x optical zoom and 4x digital zoom) • f/2.0 aperture • 83° horizontal field of view on the main wide-angle lens • 50° horizontal field of view on the 3x tele-lenses • Automatic group framing (audio + face detect) • Speaker tracking • Frames camera mode: intelligent people framing for equitable views 	<p>1920 x 1080 at 60 fps / 3840 x 2160 at 30 fps resolution</p> <p>Zoom 240x total:</p> <ul style="list-style-type: none"> • 20x optical zoom • 12x digital zoom <p>Pan and tilt:</p> <ul style="list-style-type: none"> • Pan range: +/- 170 degrees • Tilt range: -20 degrees to +90 degrees <p>Field of View (FoV):</p> <ul style="list-style-type: none"> • Horizontal FoV: 70 degrees <p>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</p> <p>Video interfaces:</p> <ul style="list-style-type: none"> • HDMI 2.0 <p>Optimal single-person framing up to 36 meters (118 ft) from the device at 1080p resolution, and optimal two-person framing up to 54 meters (177 ft) from the device at 1080p resolution</p>	<ul style="list-style-type: none"> • 1920 x 1080 at 60 fps resolution • Zoom <ul style="list-style-type: none"> - 10x optical zoom - 2x digital zoom - 20x total zoom • Pan and tilt <ul style="list-style-type: none"> - Pan range: +/-100 degrees - Tilt range: +/-20 degrees • Field of View (FoV) <ul style="list-style-type: none"> - Horizontal FoV: 80 degrees - Vertical FoV: 48.8 degrees • 1.0 m to infinity (wide) focus distance • F-value: 1.5 • Camera control: Ethernet • Focus, white balance, and brightness: Automatic or manual • Video interfaces <ul style="list-style-type: none"> - HDMI 1.4 - 3G-SDI



FEATURE/FUNCTIONALITY	DESK CAMERA 1080	DESK CAMERA 4K	QUAD CAMERA	PTZ 4K CAMERA	CISCO PRECISION 60 CAMERA
Camera			<ul style="list-style-type: none"> 5056 x 3888 pixel resolution Auto focus, brightness, and white balance Focus distance 1 m to infinity Optimal single-person framing up to 6 meters (20 ft) from the device at 1080p resolution, and optimal two-person framing up to 9 meters (30 ft) from the device at 1080p resolution Extended digital zoom range up to 11.5 meters from the device 		
Video Quality	Excellent video in various lighting conditions Face detection enhanced auto focus Face detection enhanced auto exposure Auto brightness and white balance	Excellent video in various lighting conditions Face detection enhanced auto focus Face detection enhanced auto exposure Auto brightness and white balance	Full HD live video quality at 1080p	1920 x 1080 at 60 fps / 3840 x 2160 at 30 fps	1920 x 1080 at 60 fps
Resolution	Multiple resolutions and frame rates (up to 1080p at 30fps)	Multiple resolutions (up to 4K, 1080p, 720p and more)	Up to 1920 x 1080p at 60 fps	Up to 3840 x 2160p	Up to 1920 x 1080p
Video Standards	Supports YUY2/NV12/MJPEG video format (a USB 3.0 cable is required for some YUY2/NV12 resolutions) UVC1.1	Supports YUY2/NV12/MJPEG video format UVC1.1	N/A	N/A	N/A
Video Frame Rate	Up to 30fps for 1080p	Up to 60 fps (for 1080p and 720p), 30 fps and 15 fps for all the other resolutions	Up to 60 fps	Up to 60 fps	Up to 60 fps
Software Supported	Cisco Desk Camera OS Cisco Desk Camera App for Windows and Mac	Cisco Desk Camera OS Cisco Desk Camera App for Windows and Mac	Cisco Rooms, Microsoft Teams Rooms	Cisco Rooms, Microsoft Teams Rooms	Cisco Rooms
Audio Standards	<ul style="list-style-type: none"> High quality 48kHz audio 2x omni-directional microphone with background noise reduction UAC1.0 	<ul style="list-style-type: none"> High quality 48kHz audio 2x omni-directional microphones with background noise reduction UAC1.0 	N/A	N/A	N/A
Physical Dimensions	<ul style="list-style-type: none"> Camera: 0.74 in (18.9 mm) x 3.46 in (88 mm) x 1.56 in (39.5 mm) Clip: 0.69 in (17.5 mm) x 1.61 in (41 mm) x 2.55 in (64.8 mm) Packaging size: 1.77 in (45 mm) x 5.77 in (146.5 mm) x 4.82 in (122.5 mm) 	<ul style="list-style-type: none"> Camera: 0.77 in (19.5 mm) x 3.57 in (90.64 mm) x 1.61 in (41 mm) Clip: 0.69 in (17.5 mm) x 1.61 in (41 mm) x 2.55 in (64.8 mm) Packaging size: 2.60 in (66 mm) x 6.53 in (166 mm) x 5.41 in (137.5 mm) 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> Width: 6.3 in. (15.8 cm) Height (at max tilt): 7.0 in. (17.7 cm) Depth: 8.0 in. (20.0 cm) Weight: 3.75 lb (1.7 kg) 	<ul style="list-style-type: none"> Length: 10.6 in. (26.8 cm) Height (at max tilt): 6 in.(15.2 cm) Depth: 6.4 in. (16.3 cm) Weight: 5.5 lb (2.5 kg)
Certifications		Microsoft Teams 	Microsoft Teams Rooms (as part of the Room Kit EQ, Room Kit Pro, and Room Kit EQX bundles) 	N/A	N/A
PID	CD-DSKCAMD-C-US CD-DSKCAMD-C-WW	CD-DSKCAM-C-US (carbon black) CD-DSKCAM-C-WW (carbon black) CD-DSKCAM-P-US (platinum) CD-DSKCAM-P-WW (platinum)	Cisco Quad Camera (First Light) - CS-QUADCAM2= Cisco Quad Camera (Carbon Black) - CS-QUADCAM2-C=	CS-CAM-PTZ4K=	CTS-CAM-P60=
Learn More	Cisco Desk Camera 1080p  See Datasheet	Cisco Desk Camera 4K  See Datasheet	Cisco Quad Camera 	PTZ 4K Camera  See Datasheet	Cisco Precision 60 Camera  See Datasheet

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