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Collaboration device product matrix

Cisco Collaboration Devices

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FEATURE/FUNCTIONALITY	BOARD PRO 55/75 G2	ROOM KIT EQX	ROOM BAR BYOD
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 room system featuring a built-in camera system, an advanced audio system, a main module with VESA mounting and AV housing for the conferencing components, and multiple mounting options for wall and floor. Display not included. Available in Carbon Black or First Light (wall-mount model only).	Integrated video bar featuring a built-in camera, microphone array and loudspeaker system that comes with a USB-C cable for software-client-based video meetings suppoting BYOD spaces. Display not included. Available in First Light or Carbon Black version.
Key Features	Cisco Board Pro G2 is an all-in-one room device for AI-powered video meetings and collaborative teamwork in small and medium workspaces. It is a beautifully designed collaboration board powering inclusive video conferencing and interactive ideation to help your teams join video meetings, share content, annotate on shared content and digitally whiteboard on a responsive touch screen. Featuring a built-in dual camera system, multi-channel speakers, beamforming microphones, a touch screen, an AI 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 apps. **Supports:** • 96 MP, dual camera system combined with software AI for multi-participant framing, dynamic speaker tracking, optimized group views. AI virtual lens zoom enhancement for longer rooms. • Advanced video interoperability powered by RoomOS to run the device on the Cisco Rooms or Microsoft Teams Rooms experience, featuring rich third-party video interop • Responsive touch LCD interactive touch screen, two active pens for interactive touch capabilities • Versatile mounting options for wall and floor, and wheel-stand upgrade kit for portability • 14-element internal microphone array and extension options with IP, USB and analog microphones. Support for the latest Cisco IP mics and third-party mics over AES67. Wi-Fi 6E connectivity • Stereo speaker array supporting spatial audio • 2x HDMI out for up to two external screens, dedicated Ethernet for the Cisco PTZ 4K Camera for presenter tracking; touch controller integration and BYOD/touch redirect over USB passthrough • Upgraded computing engine with new NVIDIA chipset for advanced AI processing performance	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. The device helps you simplify meeting room video deployment and management at scale while running natively on Cisco Rooms and Microsoft Teams Rooms. **Supports:** • 80 MP, quad-lens camera system supporting intelligent multi-participant framing, dynamic speaker tracking, optimized group views • Advanced video interoperability powered by Cisco RoomOS for the native Cisco Rooms and Microsoft Teams Rooms experiences, also featuring rich third-party video interop • Connects with dual external displays in the main module, and a third extra screen • Versatile mounting options for wall and floor • Internal microphone array for speaker tracking, and versatile microphone connectivity options with IP, USB and analog microphones. Support for the latest Cisco IP mics and third-party mics over AES67. • Multi-channel loudspeaker system with 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	• The Cisco Room Bar BYOD is a flexible room device that allows you equip your small meeting spaces, huddle and focus rooms with a cost-efficient and scalable BYOD solution that works with any meeting. It's easy to set up, maintain, and use with a single HDMI connection to your screen, and a single USB-C connection to your laptop. • You get to bring the amazing audiovisual quality of the Cisco Room Bar with embedded audio and video intelligence to more meeting rooms. The Room Bar BYOD connects via USB-C to your laptop, so you simply use your laptop to host and control the meeting. • If you are a Webex user and the device is registered to Webex Control Hub, you can join directly and share content via pairing with Webex app on either your laptop or mobile device. When registered to Control Hub, the device will also display upcoming meetings and room reservations. Key features • BYOD-only solution works with any meeting • Just connect to your monitor with HDMI and plug in your laptop with USB-C • See upcoming meetings and join via your laptop • Experience better meetings with a high-quality camera, speakers and microphones that include AI-noise removal Easy upgrade to native room collaboration By registering your Room Bar BYOD to Webex Control Hub, you get enterprise cloud management and analytics tools that allows IT to streamline deployment and maintenance. IT can identify rooms with issues and view room utilization metrics. Should you wish to upgrade to the full native Room Bar experience, the solution offers a simple upgrade path and you can simply connect a Room Navigator.
Screens	**Integrated touch screen:** • 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 two (2) external displays over HDMI out	• Compatible with dual, 65” to 75” external screens in the main module (and offers limited support for 75” to 85” display models when meeting specific dimension requirements), and supports a third screen outside the main module • 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).	• Connects with up to 2 external displays.

Camera	Dual 4K, integrated camera system with two 48 MP image sensors
	• Automatic group view, speaker tracking, brightness and white balance
	• Frames multi-participant framing, Meeting zone support
	• Optimal framing up to 7 meters (23 ft) from the device at 1080p resolution
	• 5x digital zoom (10x zoom when enabling AI virtual lens enhancement)
	• AI virtual lens extension for extended camera reach in longer rooms
	• **Main camera lens:**
	  • 70° horizontal field of view, 55° vertical field of view
	  • f/1.85 fixed aperture
	  • 48 MP image sensor, 30 fps
	  • Focus distance: 0.8m to infinity
	  • 1/1.3” CMOS, Quad Bayer
	• **Wide-angle camera lens:**
	  • 112° horizontal field of view, 94° vertical field of view
	  • f/2.8 fixed aperture
	  • 48 MP image sensor, 30 fps
	  • 1/1.3” CMOS, Quad Bayer
		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
		7x 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
			• 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

FEATURE/FUNCTIONALITY	BOARD PRO 55/75 G2	ROOM KIT EQX	ROOM BAR BYOD
Multi-camera configurations	• Supports connectivity with the Cisco PTZ 4K Camera and features AI director on RoomOS to enable intelligent presenter tracking • USB content camera support	• 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 reach speaker track by connecting with the Cisco PTZ 4K Camera and Cisco IP microphones • Cross-view by connecting with 2x Cisco PTZ 4K Cameras and Cisco IP microphones • USB content camera support	• USB content camera support
Recommended Number of Participants	Up to 12 people	Up to 16 people (extensible with extended reach speaker track and other multi-camera configurations)	Up to 6 people
Video Quality	Full HD 1080p30 and encoding 60 fps when a secondary camera is connected	Up to 1920x1080p at 60 fps	Up to 1080p60
Video Standards	H.264 AVC, H.265 HEVC, H.263	H.264, H.265, H.263	N/A
Video Frame Rate	Up to 30 fps and encoding 60 fps when a secondary camera is connected	Up to 60 fps	Up to 60 fps
Content Sharing	3840 x 2160 at 15 fps	Up to 4Kp15	3840 x 2160 at 15 fps
Multi-stream	Group and speaker camera mode provides multiple views of the same room to be sent into a meeting; one being a group overview and the other a close-up of the active speaker. This provides remote meeting participants the benefit of seeing the full room context and stay engaged with the active speaker.	Group and speaker camera mode provides multiple views of the same room to be sent into a meeting; one being a group overview and the other a close-up of the active speaker. This provides remote meeting participants the benefit of seeing the full room context and stay engaged with the active speaker.	
Software Supported	• RoomOS 11.15 or later • Microsoft Teams Rooms on Android Certified for Microsoft Teams	• Cisco RoomOS 11.9 or later • Microsoft Teams Rooms on Android Certified for Microsoft Teams	• Cisco RoomOS 11.24 or later
Signaling Protocol	• H.323 • SIP • Webex • WebRTC	• H.323 • SIP • Webex • WebRTC	N/A
Connectivity	• USB-C DisplayPort Alternate Mode up to 3840 x 2160p60 (4kp60) • HDMI 2.0 type A input supports formats up to 3840 x 2160p60 (4kp60), HDCP compatible • 2x 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 PoE (802.3af) for Cisco Room Navigator direct pairing and AV over IP peripherals • 1x Ethernet (RJ-45) 10/100/1000 Mbps for external camera 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 6/6E support. Wi-Fi 802.11a/b/g/n/ac/ax (2.4, 5 and 6 GHz) - only on radio version • Bluetooth® and Bluetooth® Low Energy - only on radio version	• 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	• 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 touch controller 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

FEATURE/FUNCTIONALITY	BOARD PRO 55/75 G2	ROOM KIT EQX	ROOM BAR BYOD

Default Components	• **Fully integrated main unit is delivered with:**
	  • Multi-touch 55- or 75-inch 4k LCD display
	  • Dual 96 MP camera system – wide and main field of view
	  • 14 element second-generation microphone array
	  • Integrated multi-channel speakers and woofer
	• 2x active stylus pens
	• Wall mount kit (when floor stand is selected, the wall mount kit is no longer included)
	• Power cord according to country specified in order
	• Lifting handles
		• Integrated video conferencing system including:
		  - 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
			• Main, integrated video bar unit of Room Bar (First Light or Carbon Black) featuring:
			  - Camera
			  - Speakers
			  - Microphones
			• Power adapter and country-specific power cord
			• USB-C cable, 1.8m
			• Network cable, round (5 m/16.4 ft)
			• HDMI cable (1.5 m/4.9 ft)
			• Mount kit (for wall and screen)
			• Privacy cover

Bandwidth Consumption	Up to 20 Mbps	Up to 20 Mbps	N/A
Mounting options	• Wall-mount • Wall-stand • Floor-stand • Floor-stand with wheel upgrade	• Wall-mount • Wall-stand • Floor-stand	N/A
Audio Standards	**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, LPCM **Audio interoperability:** AES67	N/A
Audio Features	• AI noise removal • 14-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, • Ultrasound technology • Option to extend with external microphones and audio systems over IP, USB and analog connectivity. • Support for up to 8x Cisco IP microphones or third-party networked microphones (AES57)	• 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 for fully immersive sound • 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 up to 8x Cisco IP microphones or third-party networked microphones (over AES67)	• Stereo loudspeaker system with 2 high-quality full range drivers, supporting spatial audio • 4-element beamforming microphone array • 1x analog or 1x USB or 1x IP microphone input for extended pickup range • Audio over IP support • 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
PID	Please consult the datasheet	Please consult the datasheet	Please consult the datasheet
Learn more	**Cisco Board Pro G2 Product Page**	**Room Kit EQX Product Page**	**Cisco Room Bar 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 Spatial Meetings: The dual-lens camera system captures stereoscopic images, providing a realistic 3D view of people, objects, and surroundings to Webex meeting participants using Apple Vision Pro.	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	• 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	• 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 (10x with virtual lens enhancement in Speaker view camera mode) • 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	• 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 • 7x 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	• USB content camera support	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 • USB content camera support	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 reach speaker track by connecting with the Cisco PTZ 4K Camera and Cisco IP microphones • Cross-view by connecting with 2x Cisco PTZ 4K Cameras and Cisco IP microphones • USB content camera support
Recommended Number of Participants	Up to 6 people	Up to 12 people	Up to 16 people (extensible with extended reach speaker track and other 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
Multi-stream	N/A	Group and speaker camera mode provides multiple views of the same room to be sent into a meeting; one being a group overview and the other a close-up of the active speaker. This provides remote meeting participants the benefit of seeing the full room context, while staying engaged with the active speaker.	Group and speaker camera mode provides multiple views of the same room to be sent into a meeting; one being a group overview and the other a close-up of the active speaker. This provides remote meeting participants the benefit of seeing the full room context, while staying engaged with the active speaker.

FEATURE/FUNCTIONALITY	ROOM BAR	ROOM BAR PRO	ROOM KIT EQ
Software Supported	• Cisco RoomOS 11 or later • Microsoft Teams Rooms on Android Certified for Microsoft Teams	• Cisco RoomOS 11.5 or later • Microsoft Teams Rooms on Android Certified for Microsoft Teams	• Cisco RoomOS 11.1 or later • Microsoft Teams Rooms on Android Certified for Microsoft Teams
Signaling Protocol	• H.323 • SIP • Webex • WebRTC	• H.323 • SIP • Webex • WebRTC	• H.323 • SIP • Webex • WebRTC
Connectivity	• 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	• 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 for touch controller direct pairing • 2x Ethernet (RJ-45) 100/1000 Mbps PoE (802.3af) port 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	**Codec EQ provides the following I/O connectivity:** • 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
Default Components	• Main, integrated video bar unit of Room Bar (First Light or Carbon Black) featuring: - 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	• 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)	• 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	• Stereo loudspeaker system with 2 high-quality full range drivers, supporting spatial audio • 4-element beamforming microphone array • 1x analog or 1x USB or 1x IP microphone input for extended pickup range • Audio over IP support • 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	• 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 multiple Cisco IP microphones and third-party networked microphones over AES67	• 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 up to 8x Cisco IP microphones or 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	
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	
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.	
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.	
Camera	• 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 • 7x 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	• 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 • 7x 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	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 reach speaker track by connecting with the Cisco PTZ 4K Camera and Cisco IP microphones • Campfire boardroom layout with 4x Quad Cameras, multiple Table Microphone Pro units, multiple codecs, and custom furniture (partner-led solution) • USB content camera support	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	
Recommended Number of Participants	Up to 16 people (extensible with extended reach speaker track and other multi-camera configurations)	Up to 16 people (extensible with multi-camera configurations)	
Video Quality	Up to 1920 x 1080p at 60 fps	Up to 1920x1080p at 60 fps	
Resolution	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	
Content sharing	Up to 3840 x 2160 at 15 fps	Up to 3840 x 2160 at 15 fps	
Multi-stream	Group and speaker camera mode provides multiple views of the same room to be sent into a meeting; one being a group overview and the other a close-up of the active speaker. This provides remote meeting participants the benefit of seeing the full room context and stay engaged with the active speaker.	N/A	

FEATURE/FUNCTIONALITY	ROOM KIT PRO	ROOM KIT PLUS	
Software Supported	• Cisco RoomOS 10.x or later • Microsoft Teams Rooms on Android Certified for Microsoft Teams	• Cisco Collaboration Endpoint Software Version 9.14.5 or later • Cisco RoomOS 10.x or later	
Signaling Protocol	• H.323 • SIP • Webex • WebRTC	• H.323 • SIP • Webex • WebRTC	
Connectivity	• 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	**Codec Plus provides the following I/O connectivity:** • 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	
Default Components	• 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	• 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	
Bandwidth Consumption	Up to 20 Mbps	Up to 6 Mbps	
Audio Standards	**Audio codec:** G.711, G.722, G.722.1, G.729, AAC-LD, Opus **Audio interoperability:** AES67	G.711, G.722, G.722.1, G.729, AAC-LD, Opus	
Audio Features	• 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 up to 8x Cisco IP microphones or third-party networked microphones (over AES67)	• 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	
PID	Please consult the datasheet	Please consult the datasheet	
Datasheet URL	**Room Kit Pro Product Page**	**Room Kit Plus 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	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. • 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 Hot desking: Sign into a shared desk device and turn it into your personal device for the day. • 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.	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. • 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 Hot desking: Sign into a shared desk device and turn it into your personal device for the day. • 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.	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. • 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 Hot desking: Sign into a shared desk device and turn it into your personal device for the day. • 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	• 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)	• 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	• 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	• 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	• 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 • Support for connecting an external USB content camera	• 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)	• 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	• RoomOS 11 or later	• RoomOS 11 or later • Microsoft Teams Rooms on Android Certified for Microsoft Teams	• 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	• High-quality full-band audio • Automatic gain control • AI noise reduction • Active lip synchronization • Focused microphone pickup • Music mode	• 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	• 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	• 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)	• 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)	• 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	Yes	Yes	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 DECT PHONE	6825 DECT PHONE
Intergral Switch	10/100	10/100 BASE-T IEEE 802.3 (Base station)	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 1.2 support, DECT Encryption: CAT-iq 2.1 security support	TLS 1.2 support, DECT Encryption: CAT-iq 2.1 security support
PID	CP-6821-3PCC-K9= CP-6821-3PW-NA-K9=	See datasheet	See datasheet
Learn more	**6821**	**6823 DECT**	**6825 DECT**

FEATURE/FUNCTIONALITY	6800 SERIES – 6841	6800 SERIES – 6851	6800 SERIES – 6851 KEY EXPANSION MODULE	6800 SERIES – 6861	6800 SERIES – 6871
Intergral 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	No	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, 8.62, 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, 8.62, 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, 8.62, 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
Intergral 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, 8.62, 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 Ehternet, 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 Ehternet, 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	VIDEO PHONE 8875		
Intergral Switch	N/A	N/A		
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 - 1080p HD Camera: 72° horizontal field of view, 45° vertical field of view Built-in privacy shutter		
Touch Screen	N/A	Yes		
Speakerphone	N/A	Full-duplex speakerphone		
Number of Line keys	Per Module: 14; 28 with “page 2” via software	16		
Programmable (Soft) keys	N/A	0		
Fixed Feature Keys	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)	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	N/A		
Message Waiting Indication	N/A	Yes		
Third Party XML Support	N/A	N/A		
Headset Port	One side port (USB)	USB-C, USB-A, RJ-9, AUX port, and Bluetooth		
Signaling Protocol	SIP	Session Initiation Protocol, Session Description Protocol		
802.3af	802.3at PoE	IEEE 802.3 Ethernet, IEEE 802.3af and 802.3at		
USB	No	USB-C, USB-A		
PoE Classification	Power drawn from IP phone	10/100/1000		
DHCP	N/A	Yes		
802.1p/q	N/A	802.1Q		
Codecs	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	• UC Manager supported • TLS/SRTP are supported for Webex Calling and Webex for Broadworks		
UC Manager Encryption Support (TLS/SRTP)	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	N/A		
PID	CP-8800-A-KEM= (charcoal) CP-8800-A-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	8875		

FEATURE/FUNCTIONALITY	9800 SERIES – DESK PHONE 9841	9800 SERIES – DESK PHONE 9851	9800 SERIES – DESK PHONE 9861	9800 SERIES – DESK PHONE 9871	9800 SERIES – KEY EXPANSION MODULE
Intergral Switch	10/100/1000	10/100/1000	10/100/1000	10/100/1000	10/100/1000
Display	3.5-inch Grayscale LCD, 384 x160 resolution, backlit	3.7-inch Color LCD, 480 x 240 resolution, backlit	5-inch Color LCD, 800 x 480 resolution, backlit	5-inch Color Touch LCD, 1280 x 720 resolution, backlit	5-inch Color LCD, 480 x 800 resolution, backlit
Integrated Video	No	No	No	No	N/A
Touch Screen	No	No	No	Yes	N/A
Speakerphone	Yes	Yes	Yes	Yes	N/A
Number of Line keys	4	6	10	N/A	20 (2 pages)
Programmable (Soft) keys	4	4	4	0	N/A
Fixed Feature Keys	Action button, favorite button, hold/resume, transfer, conference keys, application key, directory key, standard keypad, volume-control toggle key, speakerphone, headset, mute keys, navigation, and select key	Action button, calendar button, favorite button, hold/resume, transfer, conference keys, application key, directory key, standard keypad, volume-control toggle key, speakerphone, headset, mute keys, navigation, select key	Action button, calendar button, favorite button, hold/resume, transfer, conference keys, application key, directory key, standard keypad, volume-control toggle key, speakerphone, headset, mute keys, navigation, select key	Action button, favorite button, hold/resume, transfer, conference keys, application key, directory key, standard keypad, volume-control toggle key, speakerphone, headset, mute keys, navigation, home button	Line and page keys
Advanced Features	Hot desking, action button, and background noise removal	Hot desking, action button, and background noise removal	Hot desking, action button, background noise removal for send and receive sides of a call, Bluetooth, and WiFi	Hot desking, action button, background noise removal for send and receive sides of a call, Bluetooth, and WiFi	N/A
Handsfree	Yes	Yes	Yes	Yes	N/A
Message Waiting Indication	Yes	Yes	Yes	Yes	No, shows on the phone
Third Party XML Support	Yes	Yes	Yes	Yes	N/A
Headset Port	USB-A	USB-A, USB-C	USB-A, USB-C, and Bluetooth	USB-A, USB-C, and Bluetooth	N/A
Signaling Protocol	Session Initiation Protocol (SIP), Session Description Protocol (SDP)	Session Initiation Protocol (SIP), Session Description Protocol (SDP)	Session Initiation Protocol (SIP), Session Description Protocol (SDP)	Session Initiation Protocol (SIP), Session Description Protocol (SDP)	N/A
802.3af	Yes	Yes	Yes	Yes	Yes
USB	USB-A	USB-A, USB-C	USB-A, USB-C	USB-C, USB-A	USB-A
PoE Classification	Class 2	Class 3	Class 3	Class 3	Power is drawn from the host desk phone.
DHCP	Yes	Yes	Yes	Yes	N/A
802.1p/q	Yes	Yes	Yes	Yes	Yes
Codecs	OPUS, G.722, G.722.2, iSAC, G.711(a-law/µ-law), G.729a/b, and iLBC	OPUS, G.722, G.722.2, iSAC, G.711(a-law/µ-law), G.729a/b, and iLBC	OPUS, G.722, G.722.2, iSAC, G.711(a-law/µ-law), G.729a/b, and iLBC	OPUS, G.722, G.722.2, iSAC, G.711(a-law/µ-law), G.729a/b, and iLBC	N/A
Supported Cisco Call Control Platform(s)	UC Manager, Webex Calling, and Broadworks are supported	UC Manager, Webex Calling, and Broadworks are supported	UC Manager, Webex Calling, and Broadworks are supported	UC Manager, Webex Calling, and Broadworks are supported	UC Manager, Webex Calling, and Broadworks are supported
UC Manager Encryption Support (TLS/SRTP)	Yes	Yes	Yes	Yes	Supported from desk phone
Notes	N/A	N/A	N/A	N/A	N/A
PID	DP-9841-K9= (Carbon Black) DP-9841-L-K9= (First Light)	DP-9851-K9= (Carbon Black) DP-9851-L-K9= (First Light)	DP-9861-K9= (Carbon Black) DP-9861-L-K9= (First Light)	DP-9871-K9= (Carbon Black) DP-9871-L-K9= (First Light)	DP-9800-KEM=(Carbon Black)
Datasheet URL	**Desk Phone 9800 Series**	**Desk Phone 9800 Series**	**Desk Phone 9800 Series**	**Desk Phone 9800 Series**	**Desk Phone 9800 Series**

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	• 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	• 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	• 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 • Option to add a trainer cable that allows users to connect 2 headsets at once	• Available in standard or multi-base station for single or multiple connections • 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	• 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	• 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 Adapter, and USB (A or C)	Bluetooth, USB Adapter, USB (A or C) and 3.5 mm
Simultaneous Connections	1	1	1	1 - standard base; 3 - multi-base	2 Bluetooth + 1 USB	2 Bluetooth + 1 USB
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 Certified for Microsoft Teams				Microsoft Teams Certified for 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	• 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	• 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	ComplyTM foam ear tips + 4 silicon options	Premium Leather
Wireless	Yes	Yes
DECT	No	No
Bluetooth	Yes	Yes
Connection	Bluetooth and USB Adapter	Bluetooth, USB 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	• Microsoft Teams Certified for Microsoft Teams • GoogleFast Pair • Microsoft Swift Pair • Made for iPhone/iPad	• GoogleFast Pair • Microsoft Swift Pair • Made for iPhone/iPad
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°. Available in First Light and Carbon Black (coming in May 2025).	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. Available in First Light and Carbon Black (coming in May 2025).
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 Room Booking 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	• Capacitive touch LCD • 10.1-inch diagonal • Anti-glare and anti-fingerprint	• Capacitive touch LCD • 10.1-inch diagonal • Anti-glare and anti-fingerprint
Resolution	1920 x 1200 pixels	1920 x 1200 pixels
Software Supported	• CE 9.14 or later or Cisco RoomOS • Microsoft Teams Rooms Console • Microsoft Teams panel Certified for Microsoft Teams	• CE 9.14 or Cisco RoomOS • Microsoft Teams Rooms Console • Microsoft Teams panel Certified for Microsoft Teams
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
Deployment	• Standalone mode (supports the native Cisco Room Scheduler experience, third-party web apps, room booking, and xAPIs for third-party integrations) • Paired mode when connected to a video system	• Standalone mode (supports the native Cisco Room Scheduler experience, third-party web apps, room booking, and xAPIs for third-party integrations) • Paired mode when connected to a video system
Configuration options	• Room booking mode (Cisco Room Scheduler app) • Room controller mode (Cisco Rooms) • Persistent web app mode (to run third-party or custom web apps for room booking, wayfinding, signage)	• Room booking mode (Cisco Room Scheduler app) • Room controller mode (Cisco Rooms) • Persistent web app mode (to run third-party or custom web apps for room booking, wayfinding, signage)
Room availability LED	N/A	• Features a multi-color LED light strip to provide an indication of the room status from a distance (default colors are green, yellow and red)
Physical Dimensions	• 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)	• 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 Wall Mount**

FEATURE/FUNCTIONALITY	CISCO TABLE MICROPHONE PRO	CISCO CEILING 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. Available in First Light or Carbon Black	Ceiling conferencing microphone with durable, perforated metal housing, slim form factor, and multiple mounting options. Available in Arctic White or Carbon Black.	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	Multi-directional, beamforming IP microphone with 360-degree adaptive pickup pattern. Multi-zone boundary type featuring a 64-element microphone array that enable eight auto-adaptive, AI-enhanced microphone beams.	Balanced omnidirectional table microphone (360-degree pickup pattern), boundary layer type	Balanced omnidirectional ceiling microphone (180-degree pickup pattern), boundary layer type
Audio standard	Digital (audio over IP)	Digital (Audio over IP)	Analog	Analog
Pickup range	Up to 1.5m / 4.9ft radius with 360-degree coverage	Up to 3.5m / 11.5ft radius with 360-degree coverage	Up to 1.5m / 4.9ft radius with 360-degree coverage	Up to 4m radius with 180-degree coverage
Compatibility	Room Bar, Room Bar Pro, Room Kit EQ, Room Kit EQX, Room Kit Pro, Board Pro 55/75, Board Pro 55/75 G2, Room Panorama, Room 70 Panorama, Room 70 Panorama Upgrade	Room Bar, Room Bar Pro, Room Kit EQ, Room Kit EQX, Room Kit Pro, Board Pro 55/75, Board Pro 55/75 G2	Room Bar, Room Bar Pro, Room Kit, Room Kit Plus, Room Kit EQ, Room Kit EQX, Room Kit Pro, Board Pro 55/75, Board Pro 55/75 G2, 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, Board Pro 55/75 G2, 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	Power over Ethernet (PoE) RJ45	Power over Ethernet (PoE) 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)	120 Hz to 20 kHz, +/- 6 dB (on axis) (Subject to change)	80 Hz to 20 kHz, +/-6 dB	80 Hz to 20 kHz, +/-6 dB
Signal to noise ratio	Minimum 70 dB	70 dB (Subject to change)	Minimum 70 dB	Minimum 72 dB
Audio features	• Acoustic Echo Cancellation (AEC) • Automatic Handling Noise Attenuation • Noise cancellation • Cardioid pickup pattern • Built-in digital signal processing (intelligent levelling, equalization, and mixing) • Audio triangulation for speaker tracking	• Acoustic Echo Cancellation (AEC) • AI Noise Removal • Automatic Gain Control (AGC) • Multi-directional audio pickup • AI-powered Adaptive Beamforming • De-Reverberation • Automatic Microphone Positioning • Audio Triangulation for speaker tracking • Ultrasound technology • Built-in digital signal processing	• Omnidirectional pickup pattern	• Omnidirectional pickup pattern
Mute functionality	• LED showing mute status • Capacitive mute/unmute button	• Mute controls via touch controller • LED showing mute status	• LED showing mute status • Mute/unmute button	• LED showing mute status • Mute controls via touch panel
Mounting	• On-table (cabling can be routed on the table or through the table) • In-table flush mounting (recessed into the table)	• Wire hanging mount kit (ordered separately) • Ceiling bracket mount kit (ordered separately) • Drop ceiling grid mount kit (ordered separately)	• On-table (cabling can be routed on the table • or through the table) • In-table mounting (recessed into the table on • magnetic plate)	• Suspended ceiling mount
Dimensions	• 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)	• Unit: 42cm x 42cm (16.5in x 16.5in) • Height: 4.8cm (2in) • Ethernet cable (CAT5) option lenth: 20 meters (65.6 feet) or 30 meters (98.4 feet)	• Round shape • 6.39 cm (diameter) x 1.09 cm • 2.52 in (diameter) x 0.43 in	• 75 x 55 x 27 cm • 29.5 x 21.6 x 9.8 in
Device management & monitoring	Yes, in Control Hub	Yes, in Control Hub	No	No
Software upgrades	Yes	Yes	No	No
Extension via switch	Yes, multiple microphones can be connected to a Cisco video device with an Ethernet switch (please consult the video device datasheets for the maximum number of microphones supported).	Yes, multiple microphones can be connected to a Cisco video device with an Ethernet switch (please consult the video device datasheets for the maximum number of microphones supported).	No	No
Encryption	Yes, supports AES-128 encryped audio	Yes, supports AES-128 encryped audio	No	No
PID	Please consult the datasheet	Please consult the datasheet	Please consult the datasheet	Please consult the datasheet
Learn more	**Cisco Table Microphone Pro**	**Cisco Ceiling Microphone Pro**	**Cisco Table Microphone**	**Cisco Ceiling Microphone**

FEATURE/FUNCTIONALITY	DESK CAMERA 1080	DESK CAMERA 4K	QUAD CAMERA	ROOM VISION PTZ	PTZ 4K CAMERA	CISCO PRECISION 60 CAMERA
Form factor	• Full HD USB webcam available in carbon black colour	• Ultra HD USB webcam available in platinum or carbon black colour	Camera bar available in First Light or Carbon Black, featuring a quad-lens camera system designed to frame and track people in medium-to-large workspaces, mono speakers, and a speaker tracking microphone array. The camera is part of the Room Kit EQ, Room Kit EQX (integrated version), Room Kit Pro, and Room Kit Plus modular conferencing bundles.	An IP-based pan-tilt-zoom conferencing camera available in Arctic White or Carbon Black. Can be flexibly mounted on the wall, on the ceiling, or on standard third-party tripod or mounting hardware. Supports powerful video over IP, 4K video, AI-enhanced people tracking, dynamic switching, motorized PTZ for PresenterTrack, and single-cable deployment and scaling over Ethernet.	A premium, 4K pan-tilt-zoom camera that provides superior video quality, powerful zoom capabilities, intelligent AI-based features, and flexibility for larger conference rooms, learning spaces, and auditoriums. It seamlessly supports special camera placement, presenter tracking, and custom pan-tilt-zoom capability combined with modular room kits, video bars, and integrated collaboration boards from Cisco.	A high-quality full HD pan-tilt-zoom camera that provides superior video quality, powerful zoom, easy integration into meeting rooms, boardrooms, and special industry projects. It supports intelligent presenter tracking and custom people tracking when combined with the Room Kit EQ, Room Kit Plus, and Room Kit Pro bundles.
Key features	• 1080p Full HD camera • Built-in video privacy shutter • Low light performance • Adjustable image and field of view settings • Auto-focus	• 4K Ultra HD camera • Built-in video privacy shutter • Facial recognition software • Low light performance • Adjustable image and field of view settings • Auto-focus • Best overview / automatic framing	• Multi-lens intelligent framing optimized for medium and large conference rooms and workspaces • Automatic group framing (audio + face detect) • Speaker tracking • Frames camera mode: AI-enhanced people framing for equitable views • Auto focus, brightness, and white balance • Cinematic meeting support in multi-camera deployments (camera switching powered by AI Director)	• PTZ people tracking with wide field of view and broad pan-tilt coverage • Embedded AI head detection for smooth, responsive tracking and switching • Support for enhanced PresenterTrack with motorized PTZ tracking and setup wizard • Deep integration with Cisco IP microphones, codecs, and video systems for precise tracking • Cinematic meeting support in multi-camera deployments (camera switching with AI Director) • Seamless deployment with power, video output, and camera control over PoE+ • Video over IP scalability via PoE switch • Advanced device management in Control Hub	• PTZ people tracking with ultra-wide pan-tilt range for manual controls and presets • Head and upper body detection supported from the codec • Support for PresenterTrack software experience (using digital PTZ cropping) • Auto focus, brightness, and white balance • Cinematic meeting support in multi-camera deployments (camera switching powered by AI Director)	• PTZ people tracking with wide pan-tilt range for manual controls and presets • Head and upper body detection supported from the codec • Support for PresenterTrack software experience (using digital PTZ cropping) • Auto focus, brightness, and white balance
Image sensor	1080p Full HD camera with 8MP image sensor	4K Ultra HD camera with 13MP image sensor	• 4x CMOS image sensors with machine intelligent switching and up to 20 MP resolution per lens	4K Ultra HD image sensor	4K Ultra HD image sensor	– 1080p Full HD image sensor
Zoom	4x digital zoom	10x digital zoom	• 7x total zoom (1.9x optical zoom and 4x digital zoom)	60x total zoom (12x optical zoom + 5x digital zoom)	240x total zoom (20x optical zoom + 12 digital zoom)	20x total zoom (10x optical zoom + 2x digital zoom)
Field of view	83° diagonal field of view	81° diagonal field of view	• 83° horizontal field of view on the main wide-angle lens • 50° horizontal field of view on the 3x tele-lenses	80.5° horizontal field of view	70° horizontal field of view	• 80° horizontal field of view • 49° vertical field of view
Resolution	Multiple resolutions and frame rates (up to 1080p at 30fps)	Multiple resolutions (up to 4K, 1080p, 720p and more)	Up to 5056 x 3888p	1920 x 1080 at 60 fps 3840 x 2160 at 30 fps	1920 x 1080 at 60 fps 3840 x 2160 at 30 fps	Up to 1920 x 1080p at 60 fps
Video Standards & Interfaces	• Supports YUY2/NV12/MJPEG video format (a USB 3.0 cable is required for some YUY2/NV12 resolutions) • Video over USB • UVC1.1	• Supports YUY2/NV12/MJPEG video format • UVC1.1 • Video over USB	Video over HDMI	Video over IP (PoE+) Video over HDMI	Video over HDMI	Video over HDMI, 3G-SDI
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	Up to 60 fps
Pan-tilt	N/A	N/A	N/A	• Silent, motorized PTZ used with PresenterTrack, manual controls, and presets • Pan range: +/-170 degrees • Tilt range: -25 degrees to +90 degrees	• Pan range: +/-170 degrees • Tilt range: -20 degrees to +90 degrees	– Pan range: +/-100 degrees – Tilt range: +/-20 degrees
Video Quality	• Face detection enhanced auto focus and 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	• The camera generates frames from the 4 sensors simultaneously to provide a single HD output at 1080p • Auto focus, brightness, and white balance • Focus distance 1 m to infinity • f/2.0 aperture	• 1920 x 1080 at 60 fps / 3840 x 2160 at 30 fps • Automatic Focus, white balance, and brightness • Auto rotation when mounted upside down • Focus distance 1 m to infinity • F-value: 1.8 – 3.6	• 1920 x 1080 at 60 fps / 3840 x 2160 at 30 fps • Focus, white balance, and brightness: Manual or automatic • Focus distance 1 m to infinity • F-value: 2.0 – 3.8	• 1920 x 1080 at 60 fps • Focus, white balance, and brightness: Manual or automatic • Focus distance 1 m to infinity • F-value: 1.5
Camera control	Cisco Desk Camera OS Cisco Desk Camera App for Windows and Mac	Cisco Desk Camera OS Cisco Desk Camera App for Windows and Mac	Over Ethernet	Over Ethernet	Visca over IP (Ethernet)	Over Ethernet

FEATURE/FUNCTIONALITY	DESK CAMERA 1080	DESK CAMERA 4K	QUAD CAMERA	ROOM VISION PTZ	PTZ 4K CAMERA	CISCO PRECISION 60 CAMERA
Mounting	Multiple placement options with the camera clip and the tripod screw thread	Multiple placement options with the camera clip and the tripod screw thread	• Comes with wall-mount bracket with the option to manually tilt the angle of the camera bar	Wall-mount option for IP only deployments; Wall and ceiling mount option for IP and HDMI based deployments (to be ordered separately). Available in Arctic White or Carbon Black	Option to select wall-mount or ceiling-mount bracket	Option to select wall-mount or ceiling-mount bracket
Audio Standards	• High quality 48kHz audio • 2x omni-directional microphone with background noise reduction • UAC1.0	• High quality 48kHz audio • 2x omni-directional microphones with background noise reduction • UAC1.0	• Mono speakers • Sub-woofer output port • Built-in microphone array for speker tracking. Requires external microphones for speech pickup.	N/A	N/A	N/A
Firmware upgrades	• Supports firmware upgrade and troubleshooting through Webex App or web-based Cisco Accessory Hub	• Supports firmware upgrade and troubleshooting through Webex App or web-based Cisco Accessory Hub	Over Ethernet	Over Ethernet	Over Ethernet	Over Ethernet
Security	• Built-in video privacy shutter	• Built-in video privacy shutter	Encryption Kensington lock	AES-256 encrypted video Kensington lock	Encryption Kensington lock	Encryption Kensington lock
Certifications		Microsoft Teams Certified for Microsoft Teams	N/A	N/A	N/A	N/A
Network interface	• N/A	N/A	LAN/Ethernet (RJ-45) 10/100 Mbit	LAN/Ethernet (RJ-45) 100/1000 Mbit	LAN/Ethernet (RJ-45) 10/100 Mbit	LAN/Ethernet (RJ-45) 10/100 Mbit
Physical Dimensions	• 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)	• 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)	• 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)	• Width : 165mm - 6.5 in • Height : 194.5mm - 7.66 in • Depth : 176mm - 6.93 in • Weight: 2.3kg - 5.07 lb	• 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)	• 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)
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-RVPTZ-L= (Cisco Room Vision PTZ, Arctic White) CS-CAM-RVPTZ-C= (Cisco Room Vision PTZ, Carbon Black)	CS-CAM-PTZ4K=	CTS-CAM-P60=
Learn More	**Cisco Desk Camera 1080p** ⊙ See Datasheet	**Cisco Desk Camera 4K** ⊙ See Datasheet	**Cisco Quad Camera** ⊙	**Cisco Room Vision PTZ** ⊙ See Datasheet	**PTZ 4K Camera** ⊙ See Datasheet	**Cisco Precision 60 Camera** ⊙ See Datasheet

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