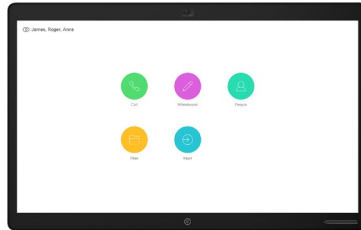


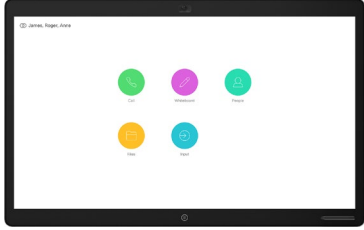


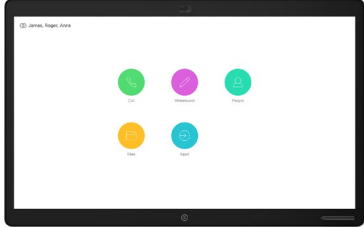














# Collaboration Device Product Matrix

Collaboration Room Systems		Desk	Immersive	IP Phones	Peripherals
Webex Board		Webex Room 55 and Room 55 Dual		Webex Room 70 G2	
					
Feature/Functionality					
Form Factor	Single 55-, 70- and 85-inch integrated systems		Single and dual 55-inch screen integrated systems		Single or dual 70-inch screen integrates system
Category	Collaboration Devices – Room System		Collaboration Devices – Room System		Collaboration Devices – Room System
Key Features	<p>The Cisco Webex Board is an all-in-one system for rich team collaboration: it's a wireless presentation screen, a digital whiteboard, and a video conferencing device. Designed for rich collaboration, connecting physical and virtual meeting rooms to facilitate continuous workflow – before, during, and even after everyone has left the physical room. Webex Board can accommodate all-sized rooms from huddle to boardroom.</p> <p>Supports:</p> <ul style="list-style-type: none"><li>• Cisco Webex Teams app pairing with a Cisco Webex device</li><li>• Cisco Webex cloud registration only</li><li>• Continuous workflow through any Cisco Webex Teams app-enabled device and associated to a Cisco Webex Teams space</li></ul>		<p>Cisco Webex Room 55 includes camera, codec, display, speaker system, and microphones integrated in a single device, and is optimized for rooms that seat up to seven people. It is an all-in- one system that's easy to install, use, deploy, and manage. Room 55 has the Cisco Webex Room Kit and Room 55 Dual has the Room Kit Plus as their base technologies, bringing new capabilities such as speaker tracking, best overview, automatic wake-up, and people count to enable even smarter meetings, smarter presentation capabilities, and smarter room and device integrations.</p> <p>Supports:</p> <ul style="list-style-type: none"><li>• Smart meetings: Powerful, integrated cameras deliver intelligent view capabilities, such as automatic framing and speaker tracking</li><li>• Smart presentations: Dual screens, dual content sources, wireless sharing, and 4K content make for great presentations</li><li>• Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens for enhanced functionalities</li><li>• Registration flexibility on premises or to Cisco Webex in the cloud</li></ul>		<p>Cisco Webex Room 70 G2 is the flagship video collaboration product within the Cisco room systems portfolio. Room 70 G2 is available in two configurations: Room 70 G2 Single (70S G2) with one 70” LED screen and Room 70 G2 Dual (70D G2) with two 70" LED screens. Comprised of a powerful codec, a quad- camera, and 70” single or dual 4K display(s) with integrated speakers and microphones. The Room 70 G2 uses the Room Kit Pro as its base technology. Sophisticated cameras bring speaker-tracking and auto-framing capabilities to medium to large team rooms for up to 14 people. Room 70 G2 enables smarter meetings, smarter presentations, and smarter room and device integrations.</p> <p>Supports:</p> <ul style="list-style-type: none"><li>• Smart meetings: Powerful, integrated cameras deliver intelligent view capabilities, such as automatic framing and speaker tracking</li><li>• Smart presentations: Supports up to three screens, dual content sources, wireless sharing,</li><li>• Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens for enhanced functionalities</li><li>• Registration flexibility on premises or to Cisco Webex in the cloud</li></ul>
Screens	<p>Cisco Webex Board 55:</p> <ul style="list-style-type: none"><li>• Edge LED LCD – 55-inch 4K, 350 nits, 16:9</li><li>• Resolution: Up to 1920 x 1080@30 (HD1080p)</li><li>• Contrast ratio: Typical 4000:1</li><li>• Viewing angle: +- 89 degrees (all directions)</li><li>• Response time: 5.5 ms</li></ul> <p>Cisco Webex Board 70:</p> <ul style="list-style-type: none"><li>• Edge LED LCD – 70-inch 4K, 300 nits, 16:9</li><li>• Resolution: Up to 1920 x 1080@30 (HD1080p)</li><li>• Contrast ratio: Typical 4000:1</li><li>• Viewing angle: +/- 88 degrees (all directions)</li><li>• Response time: Typical 6 ms</li></ul> <p>Cisco Webex Board 85</p> <ul style="list-style-type: none"><li>• Edge LED LCD – 70-inch 4K, 300 nits, 16:9</li><li>• Resolution: Up to 1920 x 1080@30 (HD1080p)</li><li>• Contrast ratio: Typical 4000:1</li><li>• Viewing angle: +/- 88 degrees (all directions)</li><li>• Response time: Typical 6 ms</li></ul>		<p>Cisco Webex Room 55</p> <p>55 in. (1.4m) LCD monitor, LED backlight</p> <ul style="list-style-type: none"><li>• Resolution: 3840 x 2160 (16:9)</li><li>• Contrast ratio: typical 1100</li><li>• Viewing angle: +/- 178 degrees</li><li>• Response time: typical 8 ms</li><li>• Brightness: typical 500 cd/m2</li></ul> <p>Cisco Webex Room 55 Dual</p> <p>55 in. (1.4m) LCD monitor, LED backlight</p> <ul style="list-style-type: none"><li>• Resolution: 3840 x 2160 (16:9)</li><li>• Contrast ratio: typical 1100</li><li>• Viewing angle: +/- 178 degrees</li><li>• Response time: typical 8 ms</li><li>• Brightness: typical 500 cd/m2</li></ul>		<p>Cisco Webex Room 70 G2 Single</p> <ul style="list-style-type: none"><li>• 70-inch TFT-LCD monitor, edge-lit LED</li><li>• Resolution: 3840 x 2160 (16:9)</li><li>• Contrast ratio: Typical 4000:1</li><li>• Viewing angle:<ul style="list-style-type: none"><li>- +/- 88 deg (typical)</li><li>- +/- 70 deg (minimum)</li></ul></li><li>• Response time: Typical 6 ms</li><li>• Brightness: typical 230 cd/m2</li></ul> <p>Cisco Spark Room 70 G2 Dual</p> <ul style="list-style-type: none"><li>• 2x 70-inch TFT-LCD monitor, edge-lit LED</li><li>• Resolution: 3840 x 2160 (16:9)</li><li>• Contrast ratio: Typical 4000:1</li><li>• Viewing angle:<ul style="list-style-type: none"><li>- +/- 88 deg (typical)</li><li>- +/- 70 deg (minimum)</li></ul></li><li>• Response time: Typical 6 ms</li><li>• Brightness: typical 1230 cd/m2</li></ul>
Camera	<p>Fixed lens, infinite focus</p> <p>Resolution: 4Kp60</p> <p>83° horizontal field of view</p> <p>55° vertical field of view</p> <p>Resolutions: 1080p60 and 720p60</p> <p>F 2.8</p>		<p>Room 55</p> <p>3x digital zoom</p> <p>Room 55 Dual</p> <p>5x digital zoom (3 tele-lenses, each with 50° horizontal field of view)</p> <p>Both</p> <p>5K UltraHD camera</p> <p>83° horizontal field of view 51.5° vertical field of view Resolution: up to 1080p60</p> <p>F 2.0</p> <p>Auto-framing (audio + face detect)</p> <p>Auto focus, brightness, and white balance Focus distance 1 m to infinity</p>		<p>5K Ultra HD camera</p> <p>5x digital zoom (3 tele-lenses each with 50° horizontal field of view)</p> <p>83° horizontal field of view</p> <p>51.5° vertical field of view</p> <p>Resolution: up 1080p60</p> <p>F 2.0</p> <p>Auto-framing (audio + face detect)</p> <p>Auto focus, brightness, and white balance</p> <p>Focus distance 1 m to infinity</p>




	Collaboration Room Systems	Desk	Immersive	IP Phones	Peripherals
	Webex Board		Webex Room 55 and Room 55 Dual		Webex Room 70 G2
					
Recommended Number of Participants	Cisco Webex Board 55: up to 5 people Cisco Webex Board 70: up to 7 people Cisco Webex Board 85: up to 14 people		Room 55; Up to 7 people Room 55 Dual: Up to 12 people		Up to 12 people
Video Quality	Up to 1080p30		Up to 1080p60		Up to 1080p60
Resolution	Up to 1920 x 1080@30 (HD1080p)		3840 x 2160 (16:9)		3840 x 2160 (16:9)
Video Standards	H.263 H.263+ H.264		H.264 H.265		H.264 H.265
Video Frame Rate	Up to 30 fps		Up to 60 fps		Up to 60 fps
Supported PC Resolutions (Content Sharing)	Up to 1920 x 1080@30 (HD1080p)		1080p30 4kp5		1080p30 4kp5
Software Supported	Cisco Webex Room OS		Room 55: Cisco Collaboration Endpoint Software Version 9.1.1 or later Room 55 Dual: Cisco Collaboration Endpoint Software Version 9.4 or later Both: Cisco Webex Room OS		Cisco Collaboration Endpoint Software Version 9.4 or later, or Cisco Webex Room OS
Signaling Protocol	Cisco Webex: HTTP, REST APIs		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	Cisco Webex Pen For cloud registration: Cisco Webex Teams app on any device		Cisco Touch 10 For cloud registration: Cisco Webex Teams app on any device		Cisco Touch 10 For cloud registration: Cisco Webex Teams app on any device
Bandwidth Consumption	From 768 Kbps to 10 Mbps		H.264: from 768 kbps to 6000 kbps		H.264: from 768 kbps to 6000 kbps
Audio Standards	64- and 128-kbps AAC-LD OPUS G.722 G.722.1 G.711 G.728 G.729 AB		G.711 G.722 G.722.1 G.729 AAC-LD Opus		G.711 G.722 G.722.1 G.729 AAC-LD Opus
Audio Features	High-quality 20-kHz audio Acoustic echo cancellation Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization Microphone array with intelligent voice tracking capabilities		High-quality 20 kHz audio Prepared for subwoofer (line out) Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization		High quality 20 kHz audio Eight separate acoustic echo cancellers Eight-port audio mixer Eight assignable equalizers Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization
Suggested Use Cases	<a href="#">Create Flexible Work Areas/Office Spaces</a>		<a href="#">Create Flexible Work Areas/Office Spaces</a> <a href="#">Incorporate Video Into Meetings</a>		<a href="#">Briefing or Training Rooms</a>




	Collaboration Room Systems	Desk	Immersive	IP Phones	Peripherals
	Webex Board		Webex Room 55 and Room 55 Dual		Webex Room 70 G2
					
Physical Dimensions (WxHxD)	<p>Cisco Webex Board 55:</p> <ul style="list-style-type: none"> <li>• Main unit: 36.2 x 55.7 x 7.5 in (919 x 1416 x 191 mm)</li> <li>• Wall stand kit: 30.2 x 48.5 x 4.2 in (768 x 1231 x 106 mm)</li> <li>• Wall mount kit: 10 x 54.5 x 2 in (253 x 1386 x 51 mm)</li> <li>• Floor stand kit Consolidated package size: 41.9 x 77.7 x 5.2 in (1064 x 1974 x 132 mm)</li> </ul> <p>Cisco Webex Board 70:</p> <ul style="list-style-type: none"> <li>• Main unit: 47.5 x 73.8 x 9.6 in (1207 x 1875 x 245 mm)</li> <li>• Wall mount kit: 10.1 x 66 x 3.6 in (256 x 1675 x 92 mm)</li> <li>• Floor stand kit: 60 x 47 x 6.7 in (1524 x 1186 x 172 mm)</li> </ul> <p>Cisco Webex Board 85</p> <ul style="list-style-type: none"> <li>• Main unit: 48.1 x 77.4 x 3 in (1221 x 1966 x 76 mm)</li> <li>• Wall-mount kit: 8.6 x 76.4 x 3.5 in (218 x 1940 x 89 mm)</li> <li>• Floor stand: 47.2 x 64.4 x 6.2 in (1200 x 1636 x 157 mm)</li> <li>• Wall stand: 13.2 x 75.9 x 6.6 in (336 x 1928 x 168 mm)</li> </ul> <p>Cisco Webex Board and the selected mounting option will be shipped in a consolidation pack on a pallet. The dimensions above describe each of the individual boxes within the consolidation packaging.</p>		<p>Cisco Webex Room 55:</p> <ul style="list-style-type: none"> <li>• Floor stand: 62.7 x 49 x 30.5 in (1593 x 1245 x 774mm)</li> <li>• Wall mount: 32.8 x 49.0 x 5.1 in (832 x 1245 x 130mm)</li> <li>• Wheel base: 62.7 x 49.0 x 30.5 in (1651 x 1245 x 774mm)</li> </ul> <p>Cisco Webex Room 55 with (all weight without packaging):</p> <ul style="list-style-type: none"> <li>• Floor stand: 83.8 lb (38kg)</li> <li>• Wall mount: 68.3 lb (31kg)</li> <li>• Wheel base: 85.1 lb (38.6kg)</li> <li>• Main unit only: 66.1 lb (30kg)C</li> </ul> <p>Clscio Webex Room 55 Dual with floor stand:</p> <ul style="list-style-type: none"> <li>• Main unit: 99.1 x 68.2 x 36.3 in (2518 x 1731 x 920 mm)</li> <li>• Weight, monitor modules: 233.7 lb (106 kg)</li> <li>• Weight, floor stand: 66.1 lb (30 kg)</li> <li>• Weight: 337 lb (153 kg)</li> </ul> <p>Cisco Webex Room 55 Dual with wall mount:</p> <ul style="list-style-type: none"> <li>• Main unit: 99.1 x 42.2 x 5.9 in (2518 x 1071 x 150 mm)</li> <li>• Height: 42.2 in. (1071 mm)</li> <li>• Depth: 5.9 in. (150 mm)</li> <li>• Weight, monitor modules: 233.7 lb (106 kg)</li> <li>• Weight, wall mount: 79.4 lb (36 kg)</li> <li>• Weight: 351 lb (159 kg)</li> </ul>		<p>Cisco Webex Room 70 G2 Dual with (WxHxD):</p> <ul style="list-style-type: none"> <li>• Floor stand: 124.76 x 75.59 x 36.22 in (3169 x 1920 x 920 mm) (WxHxD) <ul style="list-style-type: none"> <li>- Weight, monitor module: 390.22 lb (177 kg)</li> <li>- Weight, floor stand: 77.16 lb (35 kg)</li> <li>- Weight: 471.79 lb (214 kg)</li> </ul> </li> <li>• Wall mount: 124.76 x 49.53 x 5.91 in (3169 x 1258 x 150 mm) <ul style="list-style-type: none"> <li>- Weight, monitor modules: 390.22 lb (177 kg)</li> <li>- Weight, wall mount: 88.18 lb (40 kg)</li> <li>- Weight: 485.02 lb (220 kg)</li> </ul> </li> </ul> <p>Cisco Webex Room 70 G2 S with:</p> <ul style="list-style-type: none"> <li>• Floor stand: 62.83 x 75.59 x 36.22 in (1596 x 1920 x 1020 mm) (WxHxD) <ul style="list-style-type: none"> <li>- Weight, monitor module: 196.21 lb (89 kg)</li> <li>- Weight, floor stand: 57.32 lb (26 kg)</li> <li>- Weight: 249.12 lb (113 kg)</li> </ul> </li> <li>• Wall mount: 62.83 x 49.53 x 5.91 in (1596 x 1258 x 150 mm) <ul style="list-style-type: none"> <li>- Weight, monitor module: 196.21 lb (89 kg)</li> <li>- Weight, wall mount: 57.32 lb (26 kg)</li> <li>- Weight: 253.53 lb (115 kg)</li> </ul> </li> </ul>
PID	<p>Cisco Webex Board 55:</p> <ul style="list-style-type: none"> <li>• Upfront pricing: CS-BOARD55-K9</li> <li>• Subscription pricing: SPARK-BOARD55-K9</li> </ul> <p>Cisco Webex Board 70:</p> <ul style="list-style-type: none"> <li>• Upfront pricing: CS-BOARD70-K9</li> <li>• Subscription pricing: SPARK-BOARD70-K9</li> </ul> <p>Cisco Webex Board 85</p> <ul style="list-style-type: none"> <li>• Upfront pricing: CS-BOARD85S-G-K9</li> <li>• Subscription pricing: CS-BOARD85S-M-K9</li> </ul> <p>Following pricing is for internal version only:</p> <p>Cisco Webex Board 55</p> <ul style="list-style-type: none"> <li>• Upfront: \$25,900</li> <li>• Subscription: \$4990 + \$199/month</li> </ul> <p>Cisco Webex Board 70</p> <ul style="list-style-type: none"> <li>• Upfront: \$47,900</li> <li>• Subscription: \$11,990 + \$199/month</li> </ul> <p>Cisco Webex Board 85</p> <ul style="list-style-type: none"> <li>• Upfront: \$79,900</li> <li>• Subscription: \$21,990 + \$199/month</li> </ul>		<p>Room 55</p> <ul style="list-style-type: none"> <li>• Upfront pricing: CS-ROOM55-K9</li> <li>• Subscription pricing: CS-ROOM55-MSRP-K9</li> </ul> <p>Room 55 Dual</p> <ul style="list-style-type: none"> <li>• Upfront pricing: CS-ROOM55D-K9</li> <li>• Subscription pricing: CS-ROOM55D-MSRP-K9</li> </ul>		<p>Room 70 G2 Single:</p> <ul style="list-style-type: none"> <li>• Upfront pricing - CS-ROOM70SG2-K9</li> <li>• Subscription pricing - CS-ROOM70SG2-M-K9</li> </ul> <p>Room 70 G2 Dual:</p> <ul style="list-style-type: none"> <li>• Upfront pricing - CS-ROOM70DG2-K9</li> <li>• Subscription pricing - CS-ROOM70DG2-M-K9</li> </ul>
Datasheet URL	<p>Cisco Webex Board 55: <a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-board/datasheet-c78-738316.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-board/datasheet-c78-738316.html</a></p> <p>Cisco Webex Board 70: <a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-board/datasheet-c78-738851.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-board/datasheet-c78-738851.html</a></p> <p>Cisco Webex Board 85: <a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-board/datasheet-c78-741522.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-board/datasheet-c78-741522.html</a></p>		<p>Room 55: <a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-series/datasheet-c78-739453.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-series/datasheet-c78-739453.html</a></p> <p>Room 55 Dual: <a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-room-series/datasheet-c78-741051.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-room-series/datasheet-c78-741051.html</a></p>		<p><a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-kit-series/datasheet-c78-739893.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-kit-series/datasheet-c78-739893.html</a></p>

	Collaboration Room Systems	Desk	Immersive	IP Phones	Peripherals
	Webex Room Kit	Webex Room Kit Mini	Webex Room Kit Plus	Webex Room Kit Pro	
					
Feature/Functionality					
Form Factor	Integrated camera, codec, speaker, microphone; Cisco Touch 10 control unit; monitor not included	Integrated camera, codec, speakers, microphones; Cisco Touch 10 UI; monitor not included	Quad Camera and Codec Plus with Cisco Touch 10 control unit; monitor not included	Quad camera or Precision 60 camera and codec with Touch 10 UI; monitor not included	
Category	Collaboration Devices - Room System	Collaboration Endpoints - Room System	Collaboration Devices - Room System	Collaboration Endpoints - Room System	
Key Features	<p>Cisco Webex Room Kit is video innovation in a box, bringing more intelligence and usability to small to medium team collaboration rooms of up to 7 people. Room Kit enables smarter meetings, smarter presentations, and smarter room and device integrations. These features were previously the domain of higher-end video conferencing rooms, but can now be brought to every room and every team.</p> <ul style="list-style-type: none"> <li>Smart meetings: Powerful, integrated cameras deliver intelligent view capabilities, such as automatic framing and speaker tracking</li> <li>Smart presentations: Dual screens, dual content sources, wireless sharing, and 4K content make for great presentations</li> <li>Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens for enhanced functionalities</li> <li>Registration flexibility on premises or to Cisco Webex in the cloud</li> </ul>	<p>Cisco Webex Room Kit Mini is a video conferencing device custom-designed to easily outfit and manage 1000s of huddle spaces with the intelligent collaboration tools typical of larger meeting room systems at lower TCO than competitors. Room Kit Mini brings more intelligence and usability to huddle rooms and spaces for up to 5 people and enables smarter meetings, smarter presentations, and smarter room and device integrations. These features were previously the domain of higher-end video conferencing rooms, but can now be brought to the smallest of spaces</p> <ul style="list-style-type: none"> <li>Smart meetings: 120-degree field of view lets you see everyone; powerful camera provides auto framing</li> <li>Smart presentations: Wireless sharing and 4K content make for great presentations</li> <li>Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens for enhanced functionalities; flexibility to provide video, microphone, and speakers over one USB cable to a connected computer (720p video resolution)</li> <li>Registration flexibility: Built for both cloud and on-premises deployment, protecting your investment</li> </ul>	<p>Cisco Webex Room Kit Plus is video innovation in a box, bringing more intelligence and usability to medium to large team collaboration rooms of up to 14 people. Room Kit Plus enables smarter meetings, smarter presentations, and smarter room and device integrations. These features were previously the domain of higher-end video conferencing rooms, but can now be brought to every room and every team.</p> <ul style="list-style-type: none"> <li>Smart meetings: Powerful, integrated cameras deliver intelligent view capabilities, such as automatic framing and speaker tracking</li> <li>Smart presentations: Dual screens, dual content sources, wireless sharing, and 4K content make for great presentations</li> <li>Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens for enhanced functionalities</li> <li>Registration flexibility on premises or to Cisco Webex in the cloud</li> </ul>	<p>Room Kit Pro is Cisco's most powerful integrator product; provides a powerful and flexible platform for creating the ultimate video collaboration experience - large, custom video rooms, including boardrooms, auditoriums, and purpose-built rooms for vertical applications. Room Kit Mini brings more intelligence and usability to the largest collaboration spaces and enables smarter meetings, smarter presentations, and smarter room and device integrations.</p> <ul style="list-style-type: none"> <li>Smart meetings: Powerful, integrated cameras deliver intelligent view capabilities, such as automatic framing and speaker tracking; automatic noise suppression reduces meeting disruptions</li> <li>Smart presentations: Supports up to three screens, dual content sources, wireless sharing, and 4K content make for great presentations</li> <li>Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens to enhance user interactions; APIs and macros allow meeting personalization</li> <li>Registration flexibility: Built for both cloud and on-premises deployment, protecting your investment</li> </ul>	
Screens	Screen not included	Screen not included	Screen not included	Screen not included	
Camera	5K UltraHD camera 3x digital zoom 83° horizontal field of view 51.5° vertical field of view Resolution: up 1080p60 F 2.0 Auto-framing (audio + face detect) Auto focus, brightness, and white balance Focus distance 1 m to infinity	4K UltraHD camera 2x digital zoom 120° horizontal field of view 72° vertical field of view Resolution: up 1080p60 (Supports up to 60 fps (max 30 fps with best overview enabled) F/1.4 aperture Auto-framing (face detect) Auto focus, brightness, and white balance Focus distance 1 m to infinity	5K Ultra HD camera 5x digital zoom (3 tele-lenses each with 50° horizontal field of view) 83° horizontal field of view 51.5° vertical field of view Resolution: up 1080p60 F 2.0 Auto-framing (audio + face detect) Auto focus, brightness, and white balance Focus distance 1 m to infinity	5K UltraHD camera 5x digital zoom 83° horizontal field of view 51.5° vertical field of view Resolution: up 1080p60 (Supports up to 60 fps (max 30 fps with best overview enabled) F/2.0 aperture Auto-framing (audio + face detect) Auto focus, brightness, and white balance Focus distance 1 m to infinity	
Recommended Number of Participants	Up to 7 people	Up to 5 people	Up to 14 people	14+ people	
Video Quality	Up to 1080p60	Up to 1080p60	Up to 1080p60	Up to 1080p60	
Resolution	3840 x 2160 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)	
Video Standards	H.264, H.265	H.264	H.264, H.265	H.264, H.265	
Video Frame Rate	Up to 60 fps	Up to 60 fps	Up to 60 fps	Up to 60 fps	
Supported PC Resolutions (Content Sharing)	1080p30 4kp5	1080p30 4kp5	1080p30 4kp5	1080p30 4kp15	
Software Supported	Cisco Collaboration Endpoint Software Version 9.0 or later, or Cisco Webex Room OS	Cisco Collaboration Endpoint Software Version 9.6 or later, and Cisco Webex Room OS	Cisco Collaboration Endpoint Software Version 9.1 or later, or Cisco Webex Room OS	Cisco Collaboration Endpoint Software Version 9.4 or later, or Cisco Webex Room OS	


	Collaboration Room Systems	Desk	Immersive	IP Phones	Peripherals
	Webex Room Kit		Webex Room Kit Mini	Webex Room Kit Plus	Webex Room Kit Pro
					
Signaling Protocol	VCS: H.323 and SIP CUCM: SIP Cisco Spark: HTTP, REST APIs	VCS: H.323 and SIP CUCM: SIP Cisco Webex: HTTP, REST APIs	VCS: H.323 and SIP CUCM: SIP Cisco Spark: HTTP, REST APIs	VCS: H.323 and SIP CUCM: SIP Cisco Webex: HTTP, REST APIs	
Peripherals supported	Cisco Touch 10 For cloud registration: Any Cisco Webex-app enabled device	Cisco Touch 10 For cloud registration: Any Cisco Webex Teams-app enabled device	Cisco Touch 10 For cloud registration: Any Cisco Webex-app enabled device	Cisco Touch 10 For cloud registration: Any Cisco Webex Teams-app enabled device	
Bandwidth Consumption	H.264: from 768 kbps to 6000 kbps	H.264: from 768 kbps to 2560 kbps	H.264: from 768 kbps to 6000 kbps	H.264: from 768 kbps to 2560 kbps	
Audio Standards	G.711 G.722 G.722.1 G.729 AAC-LD Opus	G.711 G.722 G.722.1 G.729 AAC-LD Opus	G.711 G.722 G.722.1 G.729 AAC-LD Opus	G.711 G.722 G.722.1 G.729AB 64 kbps and 128 kbps MPEG4 AAC-LD mono and stere0 Opus	
Audio Features	High quality 20 kHz audio Subwoofer line out for Quad Camera Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization	High-quality 20 kHz audio Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization	High quality 20 kHz audio Subwoofer line out for Quad Camera Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization	High-quality 20 kHz audio Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization	
Suggested Use Cases	<a href="#">Create Flexible Work Areas/Office Spaces</a> <a href="#">Incorporate Video Into Meetings</a>	<a href="#">Create Flexible Work Areas/Office Spaces</a> <a href="#">Incorporate Video Into Meetings</a>	<a href="#">Briefing or Training Rooms</a>	<a href="#">Create Flexible Work Areas/Office Spaces</a> <a href="#">Incorporate Video Into Meetings</a>	
Physical Dimensions	<ul style="list-style-type: none"><li>• Width: 27.5 in. (70.0 cm)</li><li>• Height: 3.5 in. (10.6 cm)</li><li>• Depth: 2.9 in. (8.8 cm)</li><li>• Weight: 7 lb. (3.2 kg)</li></ul>	<ul style="list-style-type: none"><li>• Width: 19.7 in. (50.0 cm)</li><li>• Height: 3.2 in. (8.1 cm)</li><li>• Depth: 3 in. (7.7 cm)</li><li>• Weight: 4 lb. (1.5 kg)</li></ul>	Quad Camera: <ul style="list-style-type: none"><li>• Width: 37.4 in. (95.0 cm)</li><li>• Height: 4.7 in. (12.0 cm)</li><li>• Depth: 4.0 in. (10.3 cm)</li><li>• Weight: 10.6 lb. (4.8 kg)</li></ul> Codec Plus: <ul style="list-style-type: none"><li>• Width: 14.1 in. (35.9 cm)</li><li>• Height: 1.7 in. (4.3 cm)</li><li>• Depth: 5.6 in. (14.3 cm)</li><li>• Weight: 3.9 lb. (1.77 kg)</li></ul>	Quad Camera: <ul style="list-style-type: none"><li>• Width: 37.4 in. (95.0 cm)</li><li>• Height: 4.7 in. (12.0 cm)</li><li>• Depth: 4.0 in. (10.3 cm)</li><li>• Weight: 10.6 lb. (4.8 kg)</li></ul> Codec Pro <ul style="list-style-type: none"><li>• Width: 17.1 in. (43.6 cm)</li><li>• Height: 2.6 in. (6.6 cm)</li><li>• Depth: 9.1 in. (23.1 cm)</li><li>• Weight: 7.3 lb. (3.3 kg)</li></ul>	
PID	Upfront pricing: CS-KIT-K9 Subscription pricing: CS-KIT-MSRP-K9	For MSRP pricing: TBD For upfront pricing: CS-KIT-MINI-K9	Upfront pricing: CS-KITPLUS-K9 Subscription pricing: CS-KITPLUS-MSRP-K9	For upfront pricing: CS-KITPRO-K9	
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-kit-series/datasheet-c78-738729.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-kit-series/datasheet-c78-738729.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-room-series/datasheet-c78-741523.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-room-series/datasheet-c78-741523.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-kit-series/datasheet-c78-738752.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-room-kit-series/datasheet-c78-738752.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-room-series/datasheet-c78-741523.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/webex-room-series/datasheet-c78-741523.html</a>	



Collaboration Room Systems		Desk	Immersive	IP Phones	Peripherals
SX10 Quick Set		SX20 Quick Set		SX80	
					
Feature/Functionality					
Form Factor	Camera-in-codec unit with microphone and remote control; monitor not included		Camera and codec with microphone and remote control; monitor not included		Codec only, or integrator packages available with Touch 10 control unit and camera options Integrator packages: <ul style="list-style-type: none"><li>• Cisco SX80 Codec, PHD 1080p 4x Camera, and Touch 10 control unit</li><li>• Cisco SX80 Codec, Precision 60 Camera, and Touch 10 control unit</li><li>• Cisco SX80 Codec, SpeakerTrack60 Microphone Array, and Touch10 control unit</li></ul>
Category	Collaboration Devices – Room-based Solution		Collaboration Devices – Room-based Solution		Collaboration Devices – Room-based Solution
Key Features	Cisco in front of SX10 Quick Set is an all-in-one unit designed to video-enable your smaller collaboration spaces; low-cost, high-quality unit combines camera and codec into a single, compact device that is mounted over your standard flat-panel display and connects through a discreet single-cable system for Power over Ethernet (PoE) Supports: <ul style="list-style-type: none"><li>• Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs</li><li>• In-room control of peripherals from Touch 10</li><li>• Registration flexibility on premises or to Cisco Webex in the cloud</li></ul>		Cisco in front of SX20 Quick Set is designed to deliver high definition video and multiparty conferencing with the flexibility to accommodate various room sizes and configurations – all at a value price; combines a powerful codec, resolution of up to 1080p, two camera choices, and a dual-display in an easy-to-deploy and easy-to-use solution Supports: <ul style="list-style-type: none"><li>• Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs</li><li>• Multistreaming (switched conferencing) for enhanced layouts and video enablement on both screens of dual-screen endpoints</li><li>• In-room control of peripherals from Touch 10</li><li>• Registration flexibility on premises or to Cisco Webex in the cloud</li></ul>		Cisco in front of SX80 is a powerful codec platform to build large, custom video-collaboration environments; delivers up to a 1080p60 end-to-end HD video and offers industry-first support for H.265 for future bandwidth efficiencies; flexible media engine with rich input and output set; support for three screens enable a variety of use cases; integrator packages provide option for single camera or intelligent dual-camera speaker-tracking solution and Touch 10 UI; supports H.264 and H.265 Supports: <ul style="list-style-type: none"><li>• Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs</li><li>• Multistreaming (switched conferencing) for enhanced layouts and video enablement on both screens of dual-screen endpoints</li><li>• In-room control of peripherals from Touch 10</li><li>• Registration flexibility on premises or to Cisco Webex in the cloud</li></ul>
Screens	Screen not included		Screen not included		Screen not included
Camera	5x zoom (2.65 optical and digital zoom) +5°/-25° tilt, +/-30° pan 51.5° vertical field of view 83° horizontal field of view F-value from 2.1 1920 x 1080 pixels progressive @ 30 fps Automatic or manual focus, brightness, and white balance Far-end camera control** Automatic flipping of picture when upside down		Two camera options: 4x optical zoom (8x with digital) 12x optical zoom  Both have: 1920 x 1080 pixels progressive @ 60 fps Far-end camera control Automatic or manual focus, brightness, and white balance		Cisco offers three camera options in the SX80 Integrator Packages: SX80 Codec and PrecisionHD 1080p 4x camera for smaller room scenarios SX80 Codec and Precision 60 Camera, for larger room scenarios with the best image quality in the market SX80 and the SpeakerTrack 60 dual camera system, which features a unique direct, fast switching approach for active speaker tracking
Recommended Number of Participants	1 to 4 people		2 to 12 people		12 to 16+ people
Video Quality	1080p30		Up to 1080p60		Up to 1080p60
Resolution	1920 x 1080 (16:9)		1920 x 1080 (16:9)		1920 x 1080 (16:9)
Video Standards	H.263 H.263+ H.264		H.263 H.263+ H.264		H.261 H.263 H.263+ H.264 H.265
Video Frame Rate	Up to 30 fps		Up to 60 fps		Up to 60 fps
Supported PC Resolutions (Content Sharing)	SVGA (800 x 600) up to 1080p (1920 x 1080) at 5fps		SVGA (800 x 600) up to 1080p (1920 x 1080) at 30fps		SVGA (800 x 600) up to 1080p (1920 x 1080) at 30fps
Software Supported	Cisco TelePresence Software Version TC 7.1 or later, Collaboration Endpoint Software 8.0 or later and Webex Room OS		TC 6.0 and higher, Collaboration Endpoint Software 8.0 or later and Cisco Webex Room OS		Cisco TelePresence Software Version TC 7.1 or later, Collaboration Endpoint Software 8.0 or later and Cisco Webex Room OS

	Collaboration Room Systems	Desk	Immersive	IP Phones	Peripherals
	SX10 Quick Set		SX20 Quick Set		SX80
					
Signaling Protocol	H.323 and SIP (CE8.2 or later) CUCM: SIP Cisco Spark: HTTP, REST APIs		VCS: H.323 and SIP CUCM: SIP Cisco Spark: HTTP, REST APIs		VCS: H.323 and SIP CUCM: SIP Cisco Spark: HTTP, REST APIs
Peripherals supported	Cisco Remote Control 6, Touch 10		Cisco Remote Control, Touch 8/10 and ISDN Link PrecisionHD 4x and 12x cameras		Cisco Touch 10, ISDN Link, Precision 60 Camera, SpeakerTrack 60 Camera
Bandwidth Consumption	Up to 3 Mbps		H.323/SIP up to 6 Mbps point-to-point MultiSite: Up to 6 Mbps total		H.323/SIP up to 6 Mbps point-to-point MultiSite: Up to 6 Mbps total
Audio Standards	64 kbps MPEG4 AAC-LD OPUS G.722 G.722.1 G.711 G.729ab G.729		G.711 G.722 G.722.1 G.728 G.729ab 64 kbps and 128 kbps AAC-LD mono and stereo OPUS		G.711 G.722 G.722.1 G.729AB 64 kbps and 128 kbps MPEG4 AAC-LD mono and stereo
Audio Features	High-quality 20-kHz mono Two acoustic echo cancellers Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization		CD-quality 20 KHz mono and stereo Two acoustic echo cancellers Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization		CD-quality 20 kHz mono and stereo Eight separate acoustic echo cancellers Eight-port audio mixer Eight assignable equalizers Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization
Suggested Use Cases	<a href="#">Collaborative Meeting Spaces</a>		<a href="#">Support Teleworkers and Branch Offices</a>		<a href="#">Briefing or Training Rooms</a>
Physical Dimensions	SX10 Codec Dimensions: <ul style="list-style-type: none"><li>• Width: 10.8 inches (27.5 cm)</li><li>• Height: 4.6 inches (11.7 cm)</li><li>• Depth: 3.6 inches (9.1 cm) (with max tilt downward on camera)</li><li>• Weight: 2.0 pounds (0.9 kg)</li></ul>		SX20 Codec Dimensions: <ul style="list-style-type: none"><li>• Width: 11.8 inches (30.0 cm)</li><li>• Height: 1.4 inches (3.4 cm)</li><li>• Depth: 7.1 inches (18.0 cm)</li><li>• Weight: 3.1 pounds (1.4 kg)</li></ul>		SX80 Codec Dimensions: <ul style="list-style-type: none"><li>• Length: 17.4 in. (44.2 cm)</li><li>• Height: 1.7 in (4.4 cm)</li><li>• Depth: 12.2 in. (30.98 cm)</li><li>• Weight: 8.05 lbs. (3.65 kg)</li></ul>
PID	Upfront pricing: CTS-SX10N-K9 Subscription pricing: CS-SX10N-MSRP-K9		CTS-SX20N-P40-K9 (SX20 Quick Set 4x); CTS-SX20N-12X-K9 (SX20 Quick Set 12x)		CTS-SX80-K9 (SX80 Codec); CTS-SX80-IP60-K9 (SX80 with P60 and Touch10); CTS-SX80-IPST60-K9 (SX80 with SpeakerTrack 60 and Touch10) CTS-SX80-IPQC-K9 (SX80 with Quad Camera and Touch 10)
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-quick-set-series/datasheet-c78-731274.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-quick-set-series/datasheet-c78-731274.html</a>		<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-sx20-quick-set/data_sheet_c78-688342.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-sx20-quick-set/data_sheet_c78-688342.html</a>		<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-quick-set-series/datasheet-c78-731242.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-quick-set-series/datasheet-c78-731242.html</a>



Collaboration Room Systems		Desk		Immersive		IP Phones		Peripherals	
DX80									
									
Feature/Functionality									
Form Factor									
Category		Collaboration Devices – Desk							
Key Features		Large 23 inch 16:9 display with intuitive touchscreen HD voice and video Ability to share PC/Mac content while in meetings or use as an external monitor WiFi and Bluetooth Registration flexibility on premises or to Cisco Webex in the cloud							
Screens		Display: 23-inch (0.58m) LCD monitor Resolution: 1920 x 1080 (16:9) High contrast IPS LED panel Contrast ratio: 1000:1 (typ.) Viewing angle: +/-178 deg (typ.) Response time: 5ms (typ.) Brightness: 215 cd/m2 (typ.) Color depth: 16.7 million colors Color gamut 72% (of NTSC) 10 point multi-touch surface							
Camera		Front Camera: 63° horizontal field of view 38° vertical field of view Resolution: 1080p30 F 2.2 Privacy shutter							
Recommended Number of Participants		1-2							
Video Quality		HD video with H.264 and AVC video calling up to 1080p at 30 fps							
Resolution		1920 x 1080 (16:9)							
Video Standards		H.263 H.263+ H.264							
Video Frame Rate		30 fps							
Supported PC Resolutions		SVGA (800 x 600) up to 1080p (1920 x 1080) at 60fps							
Software Supported		Collaboration Endpoint Software 8.2 or later and Cisco Webex Room OS							
Signaling Protocol		VCS: H.323 and SIP CUCM: SIP Cisco Webex: HTTP, REST APIs							
Peripherals Supported		Bluetooth and USB headset							
Bandwidth Consumption		1 Mbps for 720p30 2 Mbps for 1080p30							
Audio Standards		64 kbps MPEG4 AAC-LD OPUS G.722 G.722.1 G.711mu G.711a G.729ab G.729							

Collaboration Room Systems


Desk

Immersive



IP Phones







Peripherals








DX80









Audio Features	Loudspeaker frequency range: 70Hz - 20kHz Microphones frequency range: 100z - 20kHz Up to 48kHz sampling rate Automatic static noise reduction Acoustic echo cancellers Automatic Gain Control (AGC) Active lip synchronization
Suggested Use Cases	<a href="#">Support Teleworkers and Branch Offices</a>
Physical Dimensions	20.2 x 22.2 x 3.5 in. (51.2 x 56. 5 x 8.9 cm)
PID	Upfront pricing: CP-DX80-K9= Subscription pricing: CS-DX80-K9=
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/desktop-collaboration-experience-dx600-series/datasheet-listing.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/desktop-collaboration-experience-dx600-series/datasheet-listing.html</a>

Collaboration Room Systems		Desk	Immersive	IP Phones	Peripherals
		IX5000		IX5200	
					
Feature/Functionality					
Form Factor					
Category		Collaboration Devices – Immersive		Collaboration Devices – Immersive	
Key Features		Cisco IX5000 is the state-of-the-art triple-screen system combining high fidelity audio/video and rich collaboration functionality for the most vivid immersive collaboration experience possible. As the first single-codec, H.265 triple-screen product, the IX5000 is both powerful and efficient. The system is designed for high value and flexibility for deployment beyond the boardroom. The IX5000 features a single row of seats up to 6 people and supports Intelligent Proximity for content sharing to iOS and Android mobile devices (requires IX 8.1 software).		Cisco IX5200 is the state-of-the-art triple-screen system combining high fidelity audio/video and rich collaboration functionality for the most vivid immersive collaboration experience possible. As the first single-codec, H.265 triple-screen product, the IX5200 is both powerful and efficient. The system is designed for high value and flexibility for deployment beyond the boardroom. The IX5200 features a dual row of seats up to 18 people and supports Intelligent Proximity for content sharing to iOS and Android mobile devices (requires IX 8.1 software).	
Screens		Three 70-inch HD screens		Three 70-inch HD screens	
Camera		Cisco TelePresence UHD Camera: <ul style="list-style-type: none"> <li>• CMOS 1/2.3-inch sensor</li> <li>• M12 mount lens</li> <li>• 2160p, 60 fps</li> <li>• Minimum vertical illumination 200 lux</li> <li>• Fixed focus</li> </ul>		Cisco TelePresence UHD Camera: <ul style="list-style-type: none"> <li>• CMOS 1/2.3-inch sensor</li> <li>• M12 mount lens</li> <li>• 2160p, 60 fps</li> <li>• Minimum vertical illumination 200 lux</li> <li>• Fixed focus</li> </ul>	
Recommended Number of Participants		6 people		Up to 18 people	
Video Quality		Up to 1080p		Up to 1080p	
Resolution		Video resolution: native support up to 1920 x 1080p, 60 fps		Video resolution: native support up to 1920 x 1080p, 60 fps	
Video Standards		SIP, H.264, H.265, TIP, BFCP		SIP, H.264, H.265, TIP, BFCP	
Video Frame Rate		Up to 60 fps using H.264 and H.265		Up to 60 fps using H.264 and H.265	
Supported PC Resolutions (Content Sharing)		Content sharing up to 1920 x 1080p resolution, 30 fps		Content sharing up to 1920 x 1080p resolution, 30 fps	
Software Supported		Cisco TelePresence System Software IX8.0.1 or later		Cisco TelePresence System Software IX8.0.1 or later	
Signaling Protocol		Cisco Discovery Protocol, Session Initiation Protocol (SIP), IP, Dynamic Host Configuration Protocol (DHCP), Secure Shell (SSH) Protocol, 802.1p/q, Real-Time Transport Protocol (RTP) and Secure RTP (SRTP), Telepresence Interoperability Protocol (TIP), H.264, H.265 and Binary Floor Control Protocol (BFCP)		Cisco Discovery Protocol, Session Initiation Protocol (SIP), IP, Dynamic Host Configuration Protocol (DHCP), Secure Shell (SSH) Protocol, 802.1p/q, Real-Time Transport Protocol (RTP) and Secure RTP (SRTP), Telepresence Interoperability Protocol (TIP), H.264, H.265 and Binary Floor Control Protocol (BFCP)	
Peripherals Supported		Touch 10		Touch 10	
Bandwidth Consumption		Minimum requirement – 720p, 30 fps at 1.8 Mbps (H265) or 3 Mbps (H.264) Maximum requirement – 1080p, 60 fps at 10.8 Mbps (H.265) or 18 Mbps (H.264)		Minimum requirement – 720p, 30 fps at 1.8 Mbps (H265) or 3 Mbps (H.264) Maximum requirement – 1080p, 60 fps at 10.8 Mbps (H.265) or 18 Mbps (H.264)	
Audio Standards		G.711/G722 and AAC-LD (22 kHz)		G.711/G722 and AAC-LD (22 kHz)	
Audio Features		Cisco Dynamic Echo Cancellation for spatial audio 18 discrete microphones		Cisco Dynamic Echo Cancellation for spatial audio 54 discrete microphones	
Suggested Use Cases		<a href="#">Immersive Rooms</a>		<a href="#">Immersive Rooms</a>	
Physical Dimensions		IX5000, 6-seat: 6’ x 15’ x 9’6” (1.8 x 4.6 x 2.9m)		IX5200, 18-seat: 6’ x 25’11” x 17’ (1.8 x 7.9 x 5.2m)	
PID		<ul style="list-style-type: none"> <li>• 6 seat system: CTS-IX5000</li> <li>• Hickory (default): CTS-5K-TBL-H-6S</li> <li>• Walnut: CTS-5K-TBL-W-6S</li> </ul>		<ul style="list-style-type: none"> <li>• 18 seat system: CTS-IX5200</li> <li>• Hickory (default): CTS-5K-TBL-H-18S</li> <li>• Walnut: CTS-5K-TBL-W-18S</li> </ul>	
Datasheet URL		<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ix5000-series/datasheet-c78-733257.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ix5000-series/datasheet-c78-733257.html</a>		<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ix5000-series/datasheet-c78-733257.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ix5000-series/datasheet-c78-733257.html</a>	






Collaboration Room Systems	Desk		Immersive	IP Phones		Peripherals
3900 Series	3900 Series	3900 Series	6800 Series	6800 Series	6800 Series	6800 Series
						Cisco IP Phone 6851 Key Expansion Module 
Feature/Functionality						
Integral Switch		10/100	10/100	10/100/1000	10/100/1000	N/A
Display		128 x 32 pixel-based, graphical monochrome LCD without backlit	high-resolution 2.5-inch (240x120-pixel) grayscale display with white backlighting	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-in (9-cm) grayscale backlit LCD displays, 160 x 270 resolution
Integrated Video		No	No	No	No	N/A
Touch Screen		No	No	No	No	N/A
Speakerphone		Yes	No	Yes	Yes	N/A
Number of Line keys		1	2	4	4	14 physical keys; Second “page” of 14 keys via software = total of 28 keys per module
Programmable (Soft) keys		0	4	4	4	N/A
Fixed Feature Keys		8	6	11	11	2 – Page 1 and Page 2 keys
Advanced Features						Provides call pickup (CP), speed dial (SD), and busy lamp field (BLF) support via XML configuration
Handsfree		Yes	Yes	Yes	Yes	N/A
Message Waiting Indication		Yes	Yes	Yes	Yes	N/A
Third Party XML Support		No	Yes	Yes		N/A
Headset Port		No	Yes	Yes	Yes	N/A
Signaling Protocol		SIP	SIP	SIP	SIP	N/A
802-3AF		Yes	Yes	No	Yes	N/A powered by phone
Cisco Power		N/A	No	No	No	No
PoE Classification		Class 1	Class 2	N/A	Class 2	N/A
DHCP		Yes	Yes	Yes	Yes	N/A
802-1p/q		Yes	Yes	Yes	Yes	N/A
Codecs		G.711a, G.711μ, G.729, G.729a, and G.729b	G.711 (A-law and-law), G.722.2, G.722, G.729a, G.729b, G.729ab, ILBC, iSAC, OPUS	G.711 (A-law and-law), G.722.2, G.722, G.729a, G.729b, G.729ab, ILBC, iSAC, OPUS	G.711 (A-law and-law), G.722.2, G.722, G.729a, G.729b, G.729ab, ILBC, iSAC, OPUS	N/A
Supported Cisco Call Control Platform(s)		CUCM 7.1(5) or later CUCMBE3000 – 8.6 CUCMBE5000 – 8.5 CUCMBE6000 – 8.5	Not for Cisco Call Control. third-party hosted call control only (Asterisk 1.8+; Broadsoft 19sp1, 20sp1, 21sp1; 22sp1; Centile Istra SP 9.2; Metaswitch 9.3)	No for Cisco Call Control. third-party hosted call control only (Asterisk 1.8+; Broadsoft 19sp1, 20sp1, 21sp1; Centile Istra SP 9.2; Metaswitch 9.3)	No for Cisco Call Control. third-party hosted call control only (Asterisk 1.8+; Broadsoft 19sp1, 20sp1, 21sp1; Centile Istra SP 9.2; Metaswitch 9.3)	Not for Cisco Call Control. third-party hosted call control only (Asterisk 1.8+; Broadsoft 19sp1, 20sp1, 21sp1; 22sp1; Centile Istra SP 9.2; Metaswitch 9.3)
UC Manager Encryption Support (TLS/SRTP)		No	Yes	No	No	N/A
Notes						
PID		CP-3905=	CP-6821-3PCC-K9=, CP-6821-3PW-K9	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=
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-sip-phone-3900-series/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-sip-phone-3900-series/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-sip-phone-3905/data_sheet_c78-651588.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-sip-phone-3905/data_sheet_c78-651588.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-6800-series-multiplatform-firmware/datasheet-c78-739946.html</a>






Collaboration Room Systems	Desk		Immersive	IP Phones		Peripherals	
6900 Series	6900 Series		7800 Series	7800 Series	7800 Series	7800 Series	
							
Feature/Functionality							
Intergral Switch		No		10/100	10/100	10/100/1000	10/100
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	396 x 162 pixel-based, anti-glare graphical monochrome display with white 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	4	16
Programmable (Soft) keys		No		4	4	4	4
Fixed Feature Keys		4		11 (No headset audio key)	11	11	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	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	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	Yes	Yes
Signaling Protocol		SCCP and SIP		SIP	SIP	SIP	SIP
802-3AF		Yes		Yes	Yes	Yes	Yes
Cisco Power		No		No	No	No	No
PoE Classification		Class 1		Class 1	Class 1	Class 1	Class 1
DHCP		Yes		Yes	Yes	Yes	Yes
802-1p/q		Yes		Yes	Yes	Yes	Yes
Codecs		G.711a, G.711u, G.729a, G.729b, and G.729ab. and Internet Low Bitrate Codec (iLBC)		G.711a/μ, G.722, G.729a, iLBC and OPUS	G.711a, G.711u, G.729a, G.729b, G.729ab, G.722, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711u, G.729a, G.729b, G.729ab, G.722, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711u, G.729a, G.729b, G.729ab, G.722, Internet Low Bitrate Codec (iLBC) and OPUS
Supported Cisco Call Control Platform(s)		CUCM 7.1(3) and later		CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Phone OS 11.0 or later	CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Phone OS 11.0 or later	CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Phone OS 11.0 or later	CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Webex: Requires Cisco Webex Phone OS 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	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-7841-K9= (Charcoal); CP-7841-W-K9= (White); CP-7841-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-7861-K9= (Charcoal); CP-7861-W-K9= (White); CP-7861-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-6900-series/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-6900-series/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-6901/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-6901/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7800-series/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7800-series/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html</a>











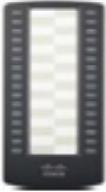



Collaboration Room Systems	Desk		Immersive	IP Phones		Peripherals
7800 Series	7900 Series	7900 Series	7900 Series	7900 Series	7900 Series	7900 Series
	7832 Conference Phone		7916 Expansion Module	7945G	7965G	7975G
						
Feature/Functionality						
Integral Switch	N/A		N/A	10/100/1000	10/100/1000	10/100/1000
Display	384 × 128 pixel, monochrome display with white LED backlight		4.3" graphical (TFT) backlit (480 × 272) 16- bit color	5.0" (12.7 cm), graphical, 320 x 240, backlit, 16-bit, color	5.0" (12.7 cm), graphical, 320 x 240, backlit, 16-bit, color	5.6" (14.2cm), graphical, 320 x 240, backlit, 16-bit, color with touch screen
Integrated Video	No		N/A	No	No	No
Touch Screen	No			No	No	Yes
Speakerphone	Yes			Yes	Yes	Yes
Number of Line keys	1		24 (12 buttons, 2 display pages)	2 - lighted	6 - lighted	8 - lighted
Programmable (Soft) keys	4			4 soft keys, 2 line keys for use as lines, or as a line plus a speed dial or PLK	4 soft keys, 6 line keys for use as lines, speed dials or PLKs	5 soft keys, 8 line keys for use as lines, speed dials or PLKs
Fixed Feature Keys	4 (navigation up/down, select key, mute key and volume toggle)			10	10	10
Advanced Features	360-degree Full Wideband Audio Expanded mute key eases participant access Raised edges enhances portability			High-resolution and many infrastructure integration options; support of Headset Hookswitch Control	High-resolution and many infrastructure integration options; support of Headset Hookswitch Control; key Expansion Module support with up to 2 7914s, 7915s or 7916s	High-resolution and many infrastructure integration options; key Expansion Module support with up to 2 7914s, 7915s or 7916s; Support of Headset Hookswitch Control
Handsfree	Yes			Yes, Wideband support	Yes, Wideband support	Yes, Wideband support
Message Waiting Indication	Yes			Yes	Yes	Yes
Third Party XML Support	Yes			Yes	Yes	Yes
Headset Port	No			Yes, Wideband support	Yes, Wideband support	Yes, Wideband support
Signaling Protocol	SIP		SCCP/SIP (with appropriate UCM firmware release)	SCCP/SIP	SCCP/SIP	SCCP/SIP
802-3AF	Yes			Yes	Yes	Yes
Cisco Power	No			No	No	No
PoE Classification	Class 2			Class 3	Class 3	Class 3
DHCP	Yes			Yes	Yes	Yes
802-1p/q	Yes			Yes	Yes	Yes
Codecs	G.711(u/A), G.729a, G.729ab, iLBC, iSAC, G.722, G.722.2, OPUS					
Supported Cisco Call Control Platform(s)	Cisco Webex (requires Cisco Webex Phone OS 12.0 or later); CUCM and Business Edition 6000/7000 10.5(2), 11.0, 11.5, 12.0 and later"			CUCM 4.1 and later	CUCM 4.1 and later	CUCM 4.1 and later
UC Manager Encryption Support (TLS/SRTP)	Yes		N/A	Yes	Yes	Yes
Notes						
PID	CP-7832-K9= (Charcoal) CP-7832-W-K9= (White) CP-7832-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)		CP-7916=	CP-7945G	CP-7965G	CP-7975G
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-738318.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-738318.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7900-series/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7900-series/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-expansion-module-7916/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-expansion-module-7916/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7945g/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7945g/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7965g/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7965g/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7975g/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7975g/index.html</a>









Collaboration Room Systems		Desk	Immersive	IP Phones	Peripherals
8800 Series		8800 Series	8800 Series	8800 Series	8800 Series
					
Feature/Functionality					
Integral Switch		10/100/1000	10/100/1000	10/100/1000	10/100/1000
Display		5" (800 x 480) monochrome display with white backlight	5" high-resolution (800 x 480) WVGA color display	5" high-resolution (800 x 480) WVGA color display	5" high-resolution (800 x 480) WVGA color display
Integrated Video		No	No	Yes – 720p HD, H.264 AVC Camera: 80 degree FOV, 25 degree tilt up/down; manual shutter (privacy)	No
Touch Screen		No	No	No	No
Speakerphone		Yes	Yes	Yes	Yes
Number of Line keys		5	5	5	5
Programmable (Soft) keys		4	4	4	4
Fixed Feature Keys		12	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	Gig Ethernet, Wideband Audio; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud; A non-Bluetooth radio version is also available	Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice, USB Charging of Smartphone and Tablets, IP Phone 8800 Key Expansion Module – Up to 2; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud
Handsfree		Yes	Yes	Yes	Yes
Message Waiting Indication		Yes	Yes	Yes	Yes
Third Party XML Support		Yes	Yes	Yes	Yes
Headset Port		Yes, Wideband Support	Yes – Wideband Support	Yes – Wideband Support	Yes – Wideband Support
Signaling Protocol		SIP	SIP	SIP Other Protocols Supported: Bluetooth	SIP Other Protocols Supported: USB (1 port) Bluetooth and Non-Bluetooth versions available
802-3AF		Yes	Yes	Yes	Yes
Cisco Power		No	No	No	No
PoE Classification		Class 2	Class 2	Class 2	Class 4
DHCP		Yes	Yes	Yes	Yes
802-1p/q		Yes	Yes	Yes	Yes
Codecs		G.711a, G.711u, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711u, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711u, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711u, 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 Phone OS 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 Phone OS 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 Phone OS 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 Phone OS 11.0 or later
UC Manager Encryption Support (TLS/SRTP)		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	FIPS 140-2 Level 1: Requires Phone OS 11.5 or later
PID		CP-8811-K9= (Charcoal); CP-8811-W-K9= (White); CP-8811-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8841-K9= (Charcoal); CP-8841-W-K9= (White); CP-8841-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8845-K9= (Charcoal); CP-8845-W-K9= (White)	CP-8851-K9= (Charcoal); CP-8851-W-K9= (White); CP-8851-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-8800-series/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-8800-series/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8811/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8811/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8841/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8841/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8845/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8845/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8851/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8851/index.html</a>




Collaboration Room Systems	Desk		Immersive	IP Phones	Peripherals
8800 Series	8800 Series	8800 Series	8800 Series	8800 Series	8800 Series
	8861	8865	8821	8821-EX	8831 Conference Phone
					
Feature/Functionality					
Intergral Switch	10/100/1000	10/100/1000	No	No	No
Display	5" high-resolution (800 x 480) WVGA color display	5" high-resolution (800 x 480) WVGA color display	2.4" (6 cm) high-resolution color, graphical 240 x 320 pixel display	2.4" (6 cm) high-resolution color, graphical 240 x 320 pixel display	396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight
Integrated Video	No	Yes - 720p HD, H.264 AVC Camera: 80 degree FOV, 25 degree tilt up/down; manual shutter (privacy)	No	No	No
Touch Screen	No	No	No	No	No
Speakerphone	Yes	Yes	Yes	Yes	Yes (full-duplex, 360-degree room coverage)
Number of Line keys	5	5	6	6	1 line
Programmable (Soft) keys	4	4	2	2	4
Fixed Feature Keys	12	12	6	6	9
Advanced Features	Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice, USB Charging of Smartphone, IP Phone 8800 Key Expansion Module - Up to 3, 802.11a/b/g/n/ac Wi-Fi; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud	Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice, USB Charging of Smartphone, IP Phone 8800 Key Expansion Module - Up to 3, 802.11a/b/g/n/ac Wi-Fi; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud; A non-Bluetooth radio version is also available	Wideband Audio Rechargeable Batteries - Talk Time 13 hours; 240 Standby Ingress Protection Rating: IP67 MIL-STD 810G Fast Transition (802.11r) Simple Certificate Enrollment Protocol (SCEP)	Wideband Audio Rechargeable Batteries - Talk Time 13 hours; 240 Standby Ingress Protection Rating: IP67 MIL-STD 810G Fast Transition (802.11r) Simple Certificate Enrollment Protocol (SCEP) Atmospheres Explosibles (ATEX) Class 1, Zone 2 CSA Division 1, Class 22	Optional wired or wireless Digital Equipment Cordless Telephony (DECT) microphone kit Daisy-Chain Configuration
Handsfree	Yes	Yes	Yes	Yes	Yes Speakerphone
Message Waiting Indication	Yes	Yes	Yes	Yes	Yes: Red button on dial control unit (DCU), message status via display
Third Party XML Support	Yes	Yes	Yes	Yes	Yes
Headset Port	Yes - Wideband Support	Yes - Wideband Support	Yes (3.5mm headset jack)	Yes (3.5mm headset jack)	No
Signaling Protocol	SIP Other Protocols Supported: USB (2 ports) Bluetooth	SIP Other Protocols Supported: USB (2 ports) Bluetooth	SIP Other Protocols Supported: USB (1 port) Bluetooth	SIP Other Protocols Supported: USB (1 port) Bluetooth	SIP
802-3AF	Yes	Yes	N/A	N/A	Yes
Cisco Power	No	No	N/A	N/A	No
PoE Classification	Class 4	Class 4	N/A	N/A	Class 3
DHCP	Yes	Yes	Yes	Yes	Yes
802-1p/q	Yes	Yes	N/A	N/A	Yes
Codecs	G.711a, G.711u, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711u, G.729a, G.729b, G.729ab, iSAC, Internet Low Bitrate Codec (iLBC) and OPUS	G.711a, G.711u, G.729a, G.729ab, G.722, Internet Low Bitrate Codec (iLBC), WAV and iSAC	G.711a, G.711u, G.729a, G.729ab, G.722, Internet Low Bitrate Codec (iLBC), WAV and iSAC	G.711a, G.711u, G.722, G.729a, G.729b, G.729ab, iLBC
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 Phone OS 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 Phone OS 11.0 or later	CUCM: 9.1(2), 10.5(2), 11.0(1), and later  • Cisco Unified Survivable Remote Site Telephony (SRST): 10.x, 11.x, and later • CME: 10.x, 11.x, and later • Cisco Hosted Collaboration Solution (HCS): 9.x, 10.x, 11.x, and later	CUCM: 9.1(2), 10.5(2), 11.0(1), and later  • Cisco Unified Survivable Remote Site Telephony (SRST): 10.x, 11.x, and later • CME: 10.x, 11.x, and later • Cisco Hosted Collaboration Solution (HCS): 9.x, 10.x, 11.x, and later	CUCM: 7.1(5), 8.5(1), 8.6(2), 9.0 and later Bus. Edition: 8.6(5) and later HCS: 8.6(2) and later CME: 10.0 and above. On IOS 15.4(1)T with fast track support. Third Party Call Control
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		Available CY Q3 2017	
PID	CP-8861-K9= (Charcoal); CP-8861-W-K9= (White); CP-8861-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers)	CP-8865-K9= (Charcoal); CP-8865-W-K9= (White)	CP-8821-K9-BUN: (includes phone in world mode, battery, power cord, power adapter and country clip); CP-8821-K9= 8821 handset world mode only	Available CY Q3 2017	CP-8831-K9=
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8861/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8861/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8865/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8865/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/wireless-ip-phone-8821/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/wireless-ip-phone-8821/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/wireless-ip-phone-8821-ex/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/wireless-ip-phone-8821-ex/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-conference-phone-8831/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-conference-phone-8831/index.html</a>

	Collaboration Room Systems	Desk	Immersive	IP Phones		Peripherals
	8800 Series	8800 Series	8800 Series	8800 Series	SPA300 Series	SPA300 Series
	8832 Conference Phone	IP Phone 8800 Key Expansion Module for 8851, 8861, 8865	IP Phone 8851/8861 Key Expansion Module	IP Phone 8865 Key Expansion Module		SPA301
						
Feature/Functionality						
Intergral Switch	No		N/A	N/A		No
Display	3.9-inch (99 mm), 480 x 120 pixelbased, anti-glare graphical color display with white backlight	4.3-inch graphical (TFT) color display provides 16-bit color depth and 480 x 272 effective pixel resolution, with backlight	Twp 3.5-inch (89mm) 18-bit 320x480 pixel, backlit, anti-glare color display	Twp 3.5-inch (89mm) 18-bit 320x480 pixel, backlit, anti-glare color display		N/A
Integrated Video	No	N/A	N/A	N/A		
Touch Screen	No	N/A	N/A	N/A		
Speakerphone	Yes (full duplex; 360-degree coverage)	N/A	N/A	N/A		
Number of Line keys	1 line	18 physical keys per module; Second “page” of 18 keys via software = total of 36 keys per module	Per Module: 14; 28 with "page 2" via software	Per Module: 14 physical keys; 28 with “page 2” via software		N/A
Programmable (Soft) keys	4	N/A	N/A	N/A		0
Fixed Feature Keys	8	2 - Page 1 and Page 2 keys	2: (Page 1 and Page 2 keys)	2: (Page 1 and Page 2 keys)		4
Advanced Features	Optional wired microphones, optional wireless DECT microphones (Q1-Q2CY2018), Daisy-chain option (Q1-Q2CY2018)	Supports third-party USB headsets via USB port; Cisco Session Line Mode (SLM) support.	USB port for headsets and smartphone charging; Supports Session Line Mode (SLM) and Enhanced Line Mode (ELM)”	USB port for headsets and smartphone charging; Supports Session Line Mode (SLM) and Enhanced Line Mode (ELM)”		TFTP, HTTP, HTTPS, provisioning
Handsfree	Yes - Speakerphone	N/A	N/A	N/A		No
Message Waiting Indication	Yes	Message count	N/A	N/A		Yes
Third Party XML Support	Yes		N/A	N/A		N/A
Headset Port	No	USB	One side port (USB)	One side port (USB)		No
Signaling Protocal	SIP	SIP	SIP	SIP		SIP/SPCP Other Protocols Supported: SIP, TCP/IP, UDP, RTP, HTTP/HTTPS, ARP/ RARP , ICMP , DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP
802-3AF	Yes	Limited: 8851 + 1 KEM	802.3at PoE	802.3at PoE		No
Cisco Power	No	No	No	No		No
PoE Classification	Class 3	Class 4 with 8851/61/65 phones; Power Cube 4 also supported	Power drawn from IP phone	Power drawn from IP phone		No
DHCP	Yes	N/A	N/A	N/A		Yes: 66, 150, 159, 160
802-1p/q	Yes	N/A	N/A	N/A		Yes
Codecs	G.711a, G.711u, G.722, G.729a, G.729b, G.729ab, iLBC, OPUS, G.722.2 AMR-WB	N/A	N/A	N/A		G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a
Supported Cisco Call Control Platform(s)	CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later	CUCM 8.5(1) and later; and Cisco Unified Survivable Remote Site Telephony (SRST) 8.0 (with Cisco IOS® Software Release 15.1(1)T) and later; Cisco Webex	CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and 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		Supported by IP Phone	Supported by IP Phone		Yes
Notes	Other regions’ availability, Wireless microphones, daisy chain (Q1-Q2CY2018)		Available Sept 2017	Available Sept 2017		
PID	CP-8832-K9 (charcoal) CP-8832-W-K9 (white) (North America only)	CP-BEKEM= (Charcoal); CP-BEKEM-W= (White)	CP-8800-A-KEM= (charcoal)	CP-8800-V-KEM= (charcoal)		SPA301-G1 (North America power adapter); SPA301-G2 (Europe power adapter); SPA301-G3 (UK power adapter); SPA301-G4 (Australia power adapter)
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-8800-series/datasheet-c78-739624.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/unified-ip-phone-8800-series/datasheet-c78-739624.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-8800-series-key-expansion-module/datasheet-c78-732356.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/ip-phone-8800-series-key-expansion-module/datasheet-c78-732356.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8851-8861-key-expansion-module/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8851-8861-key-expansion-module/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8865-key-expansion-module/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8865-key-expansion-module/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/small-business-spa300-series-ip-phones/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/small-business-spa300-series-ip-phones/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa300-series-ip-phones/datasheet_c78-601647.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa300-series-ip-phones/datasheet_c78-601647.html</a>





	Collaboration Room Systems	Desk	Immersive	IP Phones		Peripherals
	SPA300 Series	SPA500	SPA500 Series	SPA500 Series	SPA500 Series	SPA500 Series
	SPA303		SPA500S	SPA500DS	SPA501G	SPA502G
						
Feature/Functionality						
Intergral Switch	Yes: 10/100		N/A	N/A	Yes: 10/100	Yes: 10/100
Display	128 x 64 pixel		N/A	128 x 320 pixel (backlit)	N/A	128 x 64 pixel (backlit)
Integrated Video						
Touch Screen						
Speakerphone						
Number of Line keys	3		0	0 (coming in future release)	8	N/A
Programmable (Soft) keys	4		32	15 (second page to make 30 keys)	0	4
Fixed Feature Keys	7		0	0	11	7
Advanced Features	TFTP, HTTP, HTTPS, provisioning		Provides call pickup (CP), speed dial (SD), and busy lamp field (BLF) support via XML configuration	Providescallpickup (CP), speed dial (SD), and busy lamp field (BLF) support via XML configuration	TFTP, HTTP, HTTPS, provisioning	TFTP, HTTP, HTTPS, provisioning
Handsfree	Yes: Speakerphone		N/A	N/A	Yes: Speakerphone	Yes: Speakerphone
Message Waiting Indication	Yes		N/A	N/A	Yes	Yes
Third Party XML Support	Yes		N/A	Yes	N/A	Yes
Headset Port	Yes: 2.5mm		N/A	N/A	Yes: 2.5mm	Yes: 2.5mm
Signaling Protocol	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP , ICMP , DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP		N/A	N/A	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP
802-3AF	No		N/A powered by phone	N/A powered by phone	Yes	Yes
Cisco Power	No		No	No	No	No
PoE Classification	N/A		N/A	N/A	Class 2	Class 2
DHCP	Yes: 66, 150, 159, 160		N/A	N/A	Yes: 66, 150, 159, 160	Yes: 66, 150, 159, 160
802-1p/q	Yes		N/A	N/A	Yes	Yes
Codecs	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a		N/A	N/A	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a
Supported Cisco Call Control Platform(s)						
UC Manager Encryption Support (TLS/SRTP)	Yes		N/A	N/A	Yes	Yes
Notes			Add up to two per SPA5xx IP phone	Add up to two per SPA5xx IP phone		
PID	SPA303-G1 (North America power adapter); SPA303-G2 (Europe power adapter); SPA303-G3 (UK power adapter); SPA303-G4 (Australia power adapter)		SPA500S	SPA500DS	SPA501G	SPA502G
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa300-series-ip-phones/data_sheet_c78-601648.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa300-series-ip-phones/data_sheet_c78-601648.html</a>	<a href="https://www.cisco.com/c/en/us/products/collaboration-endpoints/small-business-spa500-series-ip-phones/index.html">https://www.cisco.com/c/en/us/products/collaboration-endpoints/small-business-spa500-series-ip-phones/index.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548281.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548281.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa500ds-digital-expansion-module/data_sheet_c78-711964.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa500ds-digital-expansion-module/data_sheet_c78-711964.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548558.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548558.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548561.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548561.html</a>

Collaboration Room Systems	Desk		Immersive	IP Phones		Peripherals
SPA500 Series	SPA500 Series	SPA500 Series	SPA500 Series	SPA500 Series	SPA500 Series	SPA500 Series
	SPA504G	SPA508G	SPA509G	SPA512	SPA514	SPA525G2
						
Feature/Functionality						
Integral Switch	Yes: 10/100	Yes: 10/100	Yes: 10/100	Yes: 10/100/1000	Yes: 10/100/1000	Yes: 10/100
Display	128 x 64 pixel (backlit)	128 x 64 pixel (backlit)	128 x 64 pixel (backlit)	128 x 64 pixel (backlit)	128 x 64 pixel (backlit)	320 x 240 pixel (backlit color)
Integrated Video						
Touch Screen						
Speakerphone						
Number of Line keys	4	8	12	N/A	4	5
Programmable (Soft) keys	4	4	4	4	4	4
Fixed Feature Keys	7	7	7	7	7	7
Advanced Features	TFTP, HTTP, HTTPS, provisioning	TFTP, HTTP, HTTPS, provisioning	TFTP, HTTP, HTTPS, provisioning	TFTP, HTTP, HTTPS, TR-069/TR-104/TR-111 provisioning, port mirroring for easy network tracing	TFTP, HTTP, HTTPS, TR-069/TR-104/TR-111 provisioning, port mirroring for easy network tracing	TFTP, HTTP, HTTPS, TR-069, TR-104, TR-111 provisioning, 802.11G client, MP3 player, picture frame, USB port for charging of mobile phone or USB stick, call recording direct to USB stick
Handsfree	Yes: Speakerphone	Yes: Speakerphone	Yes: Speakerphone	Yes: Speakerphone	Yes: Speakerphone	Yes: Speakerphone, Bluetooth headset
Message Waiting Indication	Yes	Yes	Yes	Yes	Yes	Yes
Third Party XML Support	Yes	Yes	Yes	Yes	Yes	Yes
Headset Port	Yes: 2.5mm	Yes: 2.5mm	Yes: 2.5mm	Yes: 2.5mm	Yes: 2.5mm	Yes: 2.5mm
Signaling Protocol	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP, TR-069, TR-104, TR-111	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP, TR-069, TR-104, TR-111	SIP/SPCP Other Protocols Supported: SIP, TCPIP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP, TR-069, TR-104, TR-111
802-3AF	Yes	Yes	Yes	Yes	Yes	Yes
Cisco Power	No	No	No	No	No	No
PoE Classification	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
DHCP	Yes: 66, 150, 159, 160	Yes: 66, 150, 159, 160	Yes: 66, 150, 159, 160	Yes: 66, 150, 159, 160	Yes: 66, 150, 159, 160	Yes: 66, 150, 159, 160
802-1p/q	Yes	Yes	Yes	Yes	Yes	Yes
Codecs	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a	G.711u/a, G.722, G.726- 16, 24, 32, 40, G.729a
Supported Cisco Call Control Platform(s)						
UC Manager Encryption Support (TLS/SRTP)	Yes	Yes	Yes	Yes	Yes	Yes
Notes				EHS	EHS	EHS
PID	SPA504G	SPA508G	SPA509G	SPA512G	SPA514G	SPA525G2
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548564.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548564.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548569.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548569.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548571.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/small-business-spa500-series-ip-phones/data_sheet_c78-548571.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa512g-1-line-gige-ip-phone/c78-698950_data_sheet.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa512g-1-line-gige-ip-phone/c78-698950_data_sheet.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa514g-4-line-gige-ip-phone/c78-698951_data_sheet.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa514g-4-line-gige-ip-phone/c78-698951_data_sheet.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa525g2-5-line-ip-phone/data_sheet_c78-603725.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa525g2-5-line-ip-phone/data_sheet_c78-603725.html</a>



	Collaboration Room Systems	Desk	Immersive	IP Phones	Peripherals
	ISDN Link		SpeakerTrack 60		Precision 60 Camera
					
Feature/Functionality					
Category	Peripherals		Peripherals		Peripherals
Key Features	Compact appliance for in-room ISDN and external network connectivity supporting Cisco DX, MX, SX and Room Series devices endpoints. Provides direct connectivity to ISDN or external networks (V.35) for individual video conference devices without the need for additional gateways or other infrastructure.		Cisco SpeakerTrack 60 Camera (SpeakerTrack 60) is an unparalleled dual-camera system that lets participants in a video meeting see the active speaker on the other end of a conference – in full view		Precision 60 provides a powerful integrator imaging solution for large meeting room scenarios. The camera offers large zoom range to cover large and advanced scenarios, great adaptability to light conditions; low noise interference for better image, and wide angle view
Screens	None		None		None
Camera	None		Dual Camera System Zoom: 10x optical zoom 2x digital zoom 20x zoom combined  Pan and Tilt: Pan range: +/- 100 degrees Tilt range: +/- 20 degrees  Field of View (FoV): Horizontal FoV: 80 degrees Vertical FoV: 48.8 degrees Tracking horizontal FoV: 80 degrees  Focus Distance 1.0m to infinity (wide)		Precision 60 Camera Zoom: 10x optical zoom 2x digital zoom 20x total zoom combined  Pan and Tilt: Pan range: +/- 100 degrees Tilt range: +/- 20 degrees  Field of View (FoV): Horizontal FoV: 80 degrees Vertical FoV: 48.8 degrees  Focus Distance: 1.0m to infinity (wide) F1.5 Camera control over Ethernet
Video Quality	N/A		True 1080p60 HD resolution delivers rich, vivid image quality002E		1920 x 1080 at 60 frames per second (fps)
Resolution	N/A		1920 x 1080 (16:9)		1920 x 1080 (16:9)
Video Standards	H.261 H.263 H.263++ H.264 depending upon codec support		N/A		N/A
Video Frame Rate	N/A		1920 x 1080 at 60 fps		1920 x 1080 at 60 fps
Software Supported	N/A		N/A		N/A
Signaling Protocol	IP-to-ISDN or IP-to-V.35 4 Basic Rate Interface (BRI) or 1 Primary Rate Interface (PRI) ISDN ports and external networks (cable standards V.35, RS530, RS449, and RS366)		N/A		N/A
Bandwidth Consumption	4 BRI up to 512 kbps; 1 PRI up to 1920 kbps; external networks up to 1920 kbps		N/A		N/A
Audio Standards	AAC-LD G.711 G.722 G.722.1		N/A		N/A
Physical Dimensions	• 1.18 x 11.02 x 6.69 in. (28 x 3 x 17 cm)		• Length: 31.5 in. (80.0 cm) • Height: 11.5 in. (29.2 cm) • Depth: 8.3 in. (21.0 cm) • Weight: 25.4 lb (11.5 kg)		• Length: 10.6 in. (26.8 cm) • Height: 6 in. (15.2 cm) • Depth: 6.4 in. (16.3 cm) • Weight: 5.5 lbs (2.5 kg)
PID	CTS-ISDNLINK-K9		CTS-SPKER-TRACK60		CTS-CAM-P60=
Datasheet URL	<a href="https://www.cisco.com/c/dam/en/us/products/collateral/collaboration-endpoints/telepresence-isdn-link/telepresence_isdn_link.pdf">https://www.cisco.com/c/dam/en/us/products/collateral/collaboration-endpoints/telepresence-isdn-link/telepresence_isdn_link.pdf</a>		<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-speaker-track-60/datasheet-c78-729836.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-speaker-track-60/datasheet-c78-729836.html</a>		<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-precision-cameras/datasheet-c78-669051.html?cachemode=refresh">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-precision-cameras/datasheet-c78-669051.html?cachemode=refresh</a>



Collaboration Room Systems		Desk	Immersive	IP Phones	Peripherals
Precision 40 Camera		Precision 12X Camera		Touch 10	500 Series Headsets
					
Feature/Functionality					
Category	Peripherals	Peripherals	Peripherals	Peripherals	
Key Features	Cisco Precision 40 Camera enables users to fully realize the high-definition experience and provides superior video quality at any bandwidth with the following features: <ul style="list-style-type: none"><li>• Full 1080 HD</li><li>• Mount upside down-(select option through VISCA™)</li><li>• Automatic or manual focus, brightness, and white balance</li><li>• High-definition multimedia interface (HDMI)</li><li>• In-call LED indicator and power indicator</li></ul>	Cisco Precision Camera enables users to fully realize the high-definition experience and provides superior video quality at any bandwidth with the following features: <ul style="list-style-type: none"><li>• Ultimate high-definition camera designed by Cisco</li><li>• Full 1080 HD</li><li>• Upside-down mounting with automatic flipping of picture</li><li>• Dual high-definition multimedia interface (HDMI) and high-definition serial digital interface (HD-SDI) output</li><li>• Improved autofocus with multifocus points</li><li>• Improved white balance with ambient light sensor</li><li>• Automatic or manual focus, brightness, and white balance</li><li>• In-call LED indicator and power indicator</li></ul>	The Cisco Touch 10 control unit provides simple and inviting touch-based interaction with Cisco Webex Room Series and Cisco MX- and SX- Series devices.	<ul style="list-style-type: none"><li>• Wired and wireless models</li><li>• Ideal for contact centers and open workspaces</li><li>• Premium sound in a sleek form factor and all-day comfort</li><li>• Powerful noise isolation with unidirectional microphones to minimize background noise</li><li>• Flexible to use with multiple devices</li><li>• Integrations with Cisco IP phones and soft clients, Cisco DX Series endpoints, and Cisco soft clients</li><li>• Easy device management with Cisco UCM and Cisco Jabber</li></ul>	
Screens	None	None	Capacitive touch LCD 10.1-inch diagonal		
Camera	PrecisionHD 1080p 4x Camera  Delivers 1080p30 (30 frames per second) or 720p60 (60 fps) true HD video with the following features:  Excellent autofocus and white balance 4x optical zoom with smooth, quiet handling Dual HDMI/Camera control output Upside down mount, with manual flipping of image Pan range: -90 to +90°; tilt range: -25 to +15°	Precision 12X Camera  Delivers 1080p60 (60 frames per second) true HD video with the following features:  Excellent autofocus and white balance 12x optical zoom with smooth, quiet handling HDMI and HD-SDI outputs: the picture can be shared through both simultaneously Upside down mount; the picture is flipped automatically Pan range: -90 to +90°; tilt range: -25 to +15° 70° horizontal field of view F1.7	N/A		
Video Quality	1280 x 720 at 60 frames per second (fps) 1920 x 1080 at 30 frames per second (fps)	1920 x 1080 at 60 frames per second (fps)	N/A		
Resolution	1280 x 720 (16:9) 1920 x 1080 (16:9)	1920 x 1080 (16:9)	1280 x 800		
Video Standards	N/A	N/A	N/A		
Video Frame Rate	1080p X 60 FPS	1920 x 1080 at 60 and 50 fps (HDMI only) 1920 x 1080 at 30 and 25fps 1280 x 720 at 60, 50, 30, and 25fps	N/A		
Software Supported	N/A	N/A	TC7.0 or later and Collaboration Endpoint Software 8.0		
Signaling Protocol	N/A	N/A	TCP/IP		
Bandwidth Consumption	N/A	N/A	N/A		
Audio Standards	N/A	N/A	N/A		
Physical Dimensions	<ul style="list-style-type: none"><li>• Height (at max tilt): 151 mm/5.94 in</li><li>• Width: 212 mm/8.35 in</li><li>• Depth: 138 mm/5.43 in</li><li>• Weight: 1.44 kg/3.17 lbs</li></ul>	<ul style="list-style-type: none"><li>• Height (at maximum tilt): 6.8 inches (17.2 cm)</li><li>• Width: 8.7 inches (22 cm)</li><li>• Depth: 5.8 inches (14.7 cm)</li><li>• Weight: 3.95 lb (1.8kg)</li></ul>	3.3 x 10 x 7.4 in. (8.6 x 25.5 x 18.8 cm) Maximum height in vertical position 6.4 in (16.3 cm). Minimal height in lower position on the table: 2.9 in (7.35 cm)		
PID	CTS-P40-K9=	CTS-PHD-1080P12XS=	CTS-CTRL-DV10=	CP-HS-W-531-RJ= CP-HS-W-532-RJ= CP-HS-W-531-USBA= CP-HS-W-532-USBA= CP-HS-W-USBA= CP-HS-W-RJ= Various (see data sheet)  Link “data sheets” to <a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/headset-500-series/datasheet-c78-740352.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/headset-500-series/datasheet-c78-740352.html</a>	
Datasheet URL	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-precision-cameras/datasheet-c78-669051.html?cachemode=refresh">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-precision-cameras/datasheet-c78-669051.html?cachemode=refresh</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-precision-cameras/datasheet-c78-669051.html?cachemode=refresh">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-precision-cameras/datasheet-c78-669051.html?cachemode=refresh</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-touch/data_sheet_c78-646041.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-touch/data_sheet_c78-646041.html</a>	<a href="https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/headset-500-series/datasheet-c78-740352.html">https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/headset-500-series/datasheet-c78-740352.html</a>	