



Collaboration Endpoint Product Matrix

Cisco Spark Board



MX200 G2



MX300 G2



MX700



MX800



| Feature/Functionality | Cisco Spark Board | MX200 G2 | MX300 G2 | MX700 | MX800 |
|---|---|--|---|---|---|
| Form Factor | Single 55-inch and 70-inch integrated system | Single 42-inch screen integrated system | Single 55-inch screen integrated system | Dual 55-inch screen integrated system | Single 70-inch screen integrated system |
| Category | Collaboration Endpoints - Room System | Collaboration Endpoints - Room System | Collaboration Endpoints - Room System | Collaboration Endpoints - Room System | Collaboration Endpoints - Room System |
| Key Features | <p>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.</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Spark Proximity • Cisco Spark cloud registration • Continuous workflow through any Cisco Spark app-enabled device and associated to a Cisco Spark space | <p>42-inch screen endpoint offers high-quality, easy-to-use video collaboration experience with sleek, new design in second generation product; transforms any meeting space into a video-enabled team room; premium resolution and dual-display support included; embedded four-way multisite conferencing option; installs in minutes for easy deployment; simple to use with Touch 10 UI</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • Multistreaming (switched conferencing) for enhanced layouts • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment | <p>55-inch endpoint offers high-quality, easy-to-use video collaboration experience with sleek, new design in second generation product; transforms any meeting space into a video-enabled team room; premium resolution and dual-display support included; embedded four-way multisite conferencing option; installs in minutes for easy deployment; simple to use with Touch 10 UI</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • Multistreaming (switched conferencing) for enhanced layouts • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment | <p>Dual 55-inch LED screen system turns any medium-to-large meeting room into a video collaboration hub; dual screens offer a people-and-content experience, supporting up to 3 screens; comes standard with a built-in amplifier and speaker system for the ultimate high fidelity sound; true 1080p60 resolution with option for single camera or intelligent dual-camera speaker-tracking solution; premium resolution and additional display are standard features; simple to use with Touch 10 UI; supports H.264 and H.265</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • Multistreaming (switched conferencing) for enhanced layouts and video enablement on both screens of dual-screen endpoints • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment | <p>70 inch LED screen system turns any medium-to-large meeting room into a video collaboration hub; large, single screen offers a people-centric experience, supporting up to 3 screens; comes standard with a built-in amplifier and speaker system for the ultimate high fidelity sound; true 1080p60 resolution with option for single camera or intelligent dual-camera speaker-tracking solution; premium resolution and additional display are standard features; simple to use with Touch 10 UI; supports H.264 and H.265</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • Multistreaming (switched conferencing) for enhanced layouts • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment |
| Screens | <p>Cisco Spark Board 55:</p> <ul style="list-style-type: none"> • Edge LED LCD – 55-inch 4K, 350 nits, 16:9 • Resolution: Up to 1920 x 1080@30 (HD1080p) • Contrast ratio: Typical 4000:1 • Viewing angle: +/- 89 degrees (all directions) • Response time: 5.5 ms <p>Cisco Spark Board 70:</p> <ul style="list-style-type: none"> • Edge LED LCD – 70-inch 4K, 300 nits, 16:9 • Resolution: Up to 1920 x 1080@30 (HD1080p) • Contrast ratio: Typical 4000:1 • Viewing angle: +/- 88 degrees (all directions) • Response time: Typical 6 ms | <p>Cisco TelePresence MX200 G2:</p> <p>42-inch LCD monitor</p> <ul style="list-style-type: none"> • Resolution: 1920 x 1080 (16:9) • Contrast ratio: Typical 1300:1 • Viewing angle: +/- 178 deg • Response time: Typical 8 ms • Brightness: 450 cd/m2 | <p>Cisco TelePresence MX300 G2:</p> <p>55-in. (1.4m) LCD monitor</p> <ul style="list-style-type: none"> • Resolution: 1920 x 1080 (16:9) • Contrast ratio: Typical 4000:1 • Viewing angle: +/- 178 deg • Response time: Typical 8 ms • Brightness: Typical 450cd/m2 | <p>Cisco TelePresence MX700: 2x 55-in. (1.4m) TFT-LCD monitor, edge-lit LED</p> <ul style="list-style-type: none"> • Resolution: 1920 x 1080 (16:9) • Contrast ratio: Typical 4000:1 • Viewing angle: +/- 178 deg • Response time: Typical 8 ms • Brightness: Typical 450cd/m2 | <p>Cisco TelePresence MX800:</p> <p>70-inch TFT-LCD monitor, edge-lit LED</p> <ul style="list-style-type: none"> • Resolution: 1920 x 1080 (16:9) • Contrast ratio: Typical 4000:1 • Viewing angle: +/- 176 deg • Response time: Typical 8 ms • Brightness: 350 cd/m2 |
| 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>Cisco TelePresence MX200 G2:</p> <p>2.5x optical zoom (5x with digital)</p> <p>Motorized +5°/-25° tilt, +/- 30° pan</p> <p>83° horizontal field of view</p> <p>51.5° vertical field of view</p> <p>Resolutions: 1080p60 and 720p60</p> <p>F 2.0</p> <p>Automatic or manual focus, brightness, and white balance</p> <p>Far-end camera control</p> <p>Focus distance 0.98 ft (0.3m) to infinity</p> | <p>Cisco TelePresence MX300 G2:</p> <p>4x optical zoom (8x with digital)</p> <p>Motorized +15°/-25° tilt, +/- 90° pan</p> <p>72° horizontal field of view</p> <p>43.5° vertical field of view</p> <p>Resolutions: 1080p60 and 720p60</p> <p>F 1.7</p> <p>Automatic or manual focus, brightness, and white balance</p> <p>Far-end camera control</p> <p>Focus distance 0.98 ft (0.3m) to infinity</p> | <p>20x total zoom (10x optical, 2x digital zoom)</p> <p>Motorized +20°/-20° tilt, +/- 90° pan</p> <p>80° horizontal field of view</p> <p>48.8° vertical field of view</p> <p>F 1.5</p> <p>Resolutions: 1080p60 and 720p60</p> <p>Automatic or manual focus, brightness, and white balance</p> <p>Far-end camera control</p> <p>Camera control over Ethernet</p> <p>Focus distance 3.28 ft (1m) to infinity</p> | <p>20x total zoom (10x optical, 2x digital zoom)</p> <p>Motorized +20°/-20° tilt, +/- 90° pan</p> <p>80° horizontal field of view</p> <p>48.8° vertical field of view</p> <p>F 1.5</p> <p>Resolutions: 1080p60 and 720p60</p> <p>Automatic or manual focus, brightness, and white balance</p> <p>Far-end camera control</p> <p>Camera control over Ethernet</p> <p>Focus distance 3.28 ft (1m) to infinity</p> |
| Recommended Number of Participants | Cisco Spark Board 55: up to 5 people Cisco Spark Board 70: up to 7 people | 2 to 4 people | 4 to 6 people | 6 to 10 people | 6 to 10 people |
| Video Quality | Up to 1080p30 | Up to 1080p60 | Up to 1080p60 | Up to 1080p60 | Up to 1080p60 |
| Resolution | Up to 1920 x 1080@30 (HD1080p) | 1920 x 1080 (16:9) | 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.263 H.263+ H.264 | H.261 H.263 H.263+ H.264 H.265 (SIP only for H.265) | H.261 H.263 H.263+ H.264 H.265 (SIP only for H.265) |

Cisco Spark Board

MX200 G2

MX300 G2

MX700

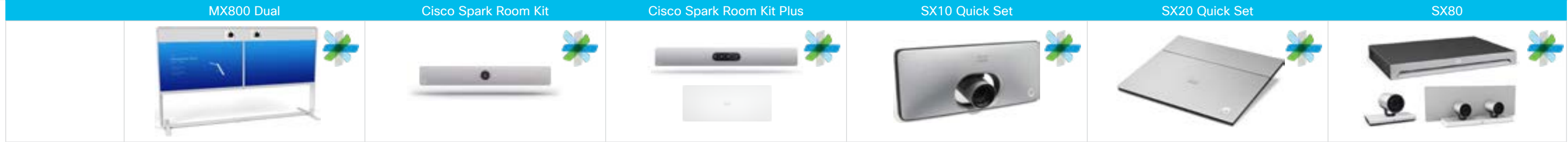
MX800



| | | | | | |
|---|---|--|---|--|--|
| Video Frame Rate | Up to 30 fps | Up to 60 fps | Up to 60 fps | Up to 60 fps | Up to 60 fps |
| Supported PC Resolutions (Content Sharing) | Up to 1920 x 1080@30 (HD1080p) | SVGA (800 x 600) to 1080p (1920 x 1080) at 30fps | SVGA (800 x 600) to 1080p (1920 x 1080) at 30fps | 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 Spark Board OS, provisioned by the Cisco Collaboration Cloud | Cisco TelePresence Software Version TC 7.1.2 or later, Collaboration Endpoint Software 8.0 or later and Spark Room OS | Cisco TelePresence Software Version TC 7.0 or later, Collaboration Endpoint Software 8.0 or later and Spark Room OS | Cisco TelePresence Software Version TC 7.1.2 or later, Collaboration Endpoint Software 8.0 or later and Spark Room OS | Cisco TelePresence Software Version TC 7.1.2 or later, Collaboration Endpoint Software 8.0 or later and Spark Room OS |
| Signaling Protocol | 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 | 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 Spark Pen | Cisco TelePresence Touch 10 & ISDN Link | Cisco TelePresence Touch 10 & ISDN Link | Cisco TelePresence Touch 10 & ISDN Link | Cisco TelePresence Touch 10 & ISDN Link |
| Bandwidth Consumption | From 768 Kbps to 10 Mbps | H.323 and SIP up to 6 Mbps point-to-point MultiSite: Up to 6 Mbps total | H.323 and SIP up to 6 Mbps point-to-point MultiSite: Up to 6 Mbps total | H.323/SIP up to 10 Mbps point-to-point MultiSite: Up to 6 Mbps total | H.323/SIP up to 10 Mbps point-to-point MultiSite: Up to 6 Mbps total |
| Audio Standards | 64- and 128-kbps AAC-LD OPUS G.722 G.722.1 G.711 G.728 G.729 AB | 64- and 128-kbps AAC-LD OPUS G.722 G.722.1 G.711 G.728 G.729 AB | 64- and 128-kbps AAC-LD OPUS G.722 G.722.1 G.711 G.728 G.729 AB | OPUS G.711 G.722 G.722.1 G.729AB 64 kbps and 128 kbps MPEG4 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 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 Three acoustic echo cancellers Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization | High quality 20 kHz audio Three 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 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 Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization |
| Suggested Use Cases | Create Flexible Work Areas/Office Spaces | Create Flexible Workspaces | Incorporate Video into Meetings | Video Centric Meeting Space | Collaborate with External Organizations |
| Physical Dimensions | Cisco Spark Board 55: • Main unit: 36.2 x 55.7 x 7.5 in (919 x 1416 x 191 mm) • Wall stand kit: 30.2 x 48.5 x 4.2 in (768 x 1231 x 106 mm) • Wall mount kit: 10 x 54.5 x 2 in (253 x 1386 x 51 mm) • Floor stand kit Consolidated package size: 41.9 x 77.7 x 5.2 in (1064 x 1974 x 132 mm) Cisco Spark Board 70: • Main unit: 47.5 x 73.8 x 9.6 in (1207 x 1875 x 245 mm) • Wall mount kit: 10.1 x 66 x 3.6 in (256 x 1675 x 92 mm) • Floor stand kit: 60 x 47 x 6.7 in (1524 x 1186 x 172 mm) Cisco Spark 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. | Cisco TelePresence MX200 G2 main unit with: • Floor stand: 55 x 39.2 x 23.7 in. (1397 x 995 x 602 mm) • Table stand: 30.7 x 39.2 x 10.2 in. (781 x 995 x 259 mm) • Wall-mount: 26.4 x 39.2 x 5.7 in. (671 x 995 x 146 mm) • Wheel base: 58.3 x 995 x 711 in. (1480 x 39.2 x 28 mm) | Cisco TelePresence MX300 G2 main unit with: • Floor stand: 59.8 x 50.3 x 26.4 in. (1518 x 1278 x 671 mm) • Wall mount: 37.3 x 50.3 x 7.9 in. (948 x 1278 x 200 mm) • Wheel base: 63.2 x 50.3 x 29.7 in. (1605 x 1278 x 755 mm) | MX700 Dimensions & Weight: • Width: 99.09" in. (251.7 cm) • Height Freestand: 64.33" in (163.4 cm) • Height Wallmount: 42.17" in (107.1 cm) • Depth Freestand: 4.76" in, 36.22" incl. ski (12.1 cm system, 92.0 cm incl. ski) • Depth Wallmount: 5.83" in (14.8 cm) • Weight Single Camera: Freestand: 339.51 lbs (154.0 kg) • Weight Dual Camera: Freestand: 352.73 lbs (160.0 kg) • Weight Single Camera: Wallmount: 357.15 lbs (162.0 kg) • Weight Dual Camera: Wallmount: 370.38 lbs (168.0 kg) | MX800 Dimensions & Weight: • Width: 62.83" in. (159.6 cm) • Height Freestand: 71.69" in (182.1 cm) • Height Wallmount: 49.52" in (125.8 cm) • Depth Freestand: 4.76" in, 36.22" incl. ski (12.1 cm system, 92.0 cm incl. Ski) • Depth Wallmount: 5.87" in (14.9 cm) • Weight Single Camera: Freestand: 244.71 lbs (111.0 kg) • Weight Dual Camera: Freestand: 257.94 lbs (117.0 kg) • Weight Single Camera: Wallmount: 240.30 lbs (109.0 kg) • Weight Dual Camera: Wallmount: 253.53 lbs (115.0 kg) |
| PID | Cisco Spark Board 55: SPARK-BOARD55-K9 Cisco Spark Board 70: SPARK-BOARD70-K9 | For Cisco cloud registration: CS-MX200-K9 For registration to VCS, UCM and 3rd party call control: CTS-MX200-K9 | For Cisco cloud registration: CS-MX300-K9 For registration to VCS, UCM and 3rd party call control: CTS-MX300-K9 | For Cisco cloud registration: CS-MX700D-2CAM-K9 (dual camera only) For registration to VCS, UCM and 3rd party call control: * CTS-MX700D-1CAM-K9 (single camera) * CTS-MX700D-2CAM-K9 (dual camera) | For Cisco cloud registration: CS-MX800S-2CAM-K9 (dual camera only) For registration to VCS, UCM and 3rd party call control: * CTS-MX800S-1CAM-K9 (single camera) * CTS-MX800S-2CAM-K9 (dual camera) |
| Datasheet URL | Cisco Spark Board 55: https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spark-board/datasheet-c78-738316.html Cisco Spark Board 70: 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/telepresence-mx-series/data-sheet-c78-729734.html | https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-mx-series/data-sheet-c78-729734.html | https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-mx-series/datasheet-c78-731263.html | https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-mx-series/datasheet-c78-731263.html |



| Collaboration Room Systems | Desk | Immersive | IP Phones | Peripherals |
|----------------------------|------|-----------|-----------|-------------|
|----------------------------|------|-----------|-----------|-------------|



| Feature/Functionality | | | | | | |
|---|---|--|---|---|--|---|
| Form Factor | Dual 70-inch screen integrated system | Integrated camera, codec, speaker, microphone; Cisco TelePresence Touch 10 UI; monitor not included | Quad Camera and Codec Plus with Touch 10 UI; monitor not included | 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 control and camera options Integrator packages: <ul style="list-style-type: none"> • Cisco SX80 Codec, PHD 1080p 4x Camera, and Touch 10 • Cisco SX80 Codec, Precision 60 Camera, and Touch 10 • Cisco SX80 Codec, SpeakerTrack60 Microphone Array, and Touch10 |
| Category | Collaboration Endpoints - Room System | Collaboration Endpoints - Room System | Collaboration Endpoints - Room System | Collaboration Endpoints - Room-based Solution | Collaboration Endpoints - Room-based Solution | Collaboration Endpoints - Room-based Solution |
| Key Features | <p>Dual 70 inch LED screen system turns any medium-to-large meeting room into a video collaboration hub; large, dual screens offer a people-and-content experience, supporting up to 3 screens; comes standard with a built-in amplifier and speaker system for the ultimate high fidelity sound; true 1080p60 resolution with intelligent dual-camera speaker-tracking solution; premium resolution and dual-display support included are standard features; simple to use with Touch 10 UI; supports H.264 and H.265</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • Multistreaming (switched conferencing) for enhanced layouts and video enablement on both screens of dual-screen endpoints • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment | <p>Cisco Spark 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"> • Smart meetings: Powerful, integrated cameras deliver intelligent view capabilities, such as automatic framing and speaker tracking • Smart presentations: Dual screens, dual content sources, wireless sharing, and 4K content make for great presentations • Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens for enhanced functionalities • Registration flexibility: Built for both cloud and on-premises deployment, protecting your investment | <p>Cisco Spark 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"> • Smart meetings: Powerful, integrated cameras deliver intelligent view capabilities, such as automatic framing and speaker tracking • Smart presentations: Dual screens, dual content sources, wireless sharing, and 4K content make for great presentations • Smart integrations: People count for usage metrics and resource allocation; tight integrations with screens for enhanced functionalities • Registration flexibility: Built for both cloud and on-premises deployment, protecting your investment | <p>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)</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment | <p>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</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • Multistreaming (switched conferencing) for enhanced layouts and video enablement on both screens of dual-screen endpoints • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment | <p>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</p> <p>Supports:</p> <ul style="list-style-type: none"> • Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs • Multistreaming (switched conferencing) for enhanced layouts and video enablement on both screens of dual-screen endpoints • In-room control of peripherals from Touch 10 • New cloud registration through Cisco Spark for even faster and cost-effective deployment |
| Screens | Cisco TelePresence MX800 Dual • 2x 70-inch TFT-LCD monitor, edge-lit LED • Resolution: 1920 x 1080 (16:9) • Contrast ratio: Typical 4000:1 • Viewing angle: +/- 176 deg • Response time: Typical 8 ms • Brightness: 350 cd/m2 | Screen not included | Screen not included | Screen not included | Screen not included | Screen not included |
| Camera | 20x total zoom (10x optical, 2x digital zoom) Motorized +20°/-20° tilt, +/-90° pan 80° horizontal field of view 48.8° vertical field of view F 1.5 Resolutions: 1080p60 and 720p60 Automatic or manual focus, brightness, and white balance Far-end camera control Camera control over Ethernet Focus distance 3.28 ft (1m) to infinity | 5K UltraHD camera 3x digital zoom 83° horizontal field of view 51.5° vertical field of view Resolution: up to 1080p60 F 2.0 Auto-framing (audio + 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 to 1080p60 F 2.0 Auto-framing (audio + face detect) Auto focus, brightness, and white balance Focus distance 1 m to infinity | 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 | 6 to 10 people | Up to 7 people | Up to 14 people | 1 to 4 people | 2 to 12 people | 12 to 16+ people |
| Video Quality | Up to 1080p60 | Up to 1080p60 | Up to 1080p60 | 1080p30 | Up to 1080p60 | Up to 1080p60 |

Collaboration Room Systems

Desk

Immersive

IP Phones

Peripherals

MX800 Dual

Cisco Spark Room Kit

Cisco Spark Room Kit Plus

SX10 Quick Set

SX20 Quick Set

SX80



| | | | | | | |
|---|--|---|--|---|---|---|
| Resolution | 1920 x 1080 (16:9) | 3840 x 2160 (16:9) | 3840 x 2160 (16:9) | 1920 x 1080 (16:9) | 1920 x 1080 (16:9) | 1920 x 1080 (16:9) |
| Video Standards | H.261 H.263 H.263+ H.264 H.265 (SIP only for H.265) | H.264, H.265 | H.264, H.265 | 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 60 fps | Up to 60 fps | Up to 60 fps | 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 30fps | 1080p30 4kp5 | 1080p30 4kp5 | 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 7.2 or later, Collaboration Endpoint Software 8.0 or later and Spark Room OS | Cisco Collaboration Endpoint Software Version 9.0 or later, or Cisco Spark Room OS | Cisco Collaboration Endpoint Software Version 9.1 or later, or Cisco Spark Room OS | Cisco TelePresence Software Version TC 7.1 or later, Collaboration Endpoint Software 8.0 or later and Spark Room OS | TC 6.0 and higher, Collaboration Endpoint Software 8.0 or later and Spark Room OS | Cisco TelePresence Software Version TC 7.1 or later, Collaboration Endpoint Software 8.0 or later and Spark Room OS |
| Signaling Protocol | VCS: H.323 and SIP 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 | 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 TelePresence Touch 10 & ISDN Link | Cisco TelePresence Touch 10 For cloud registration: Any Cisco Spark-app enabled device | Cisco TelePresence Touch 10 For cloud registration: Any Cisco Spark-app enabled device | Cisco TelePresence Remote Control 6, Touch 10 | Cisco TelePresence Remote Control, Touch 8/10 and ISDN Link PrecisionHD 4x and 12x cameras | Cisco TelePresence Touch 10, ISDN Link, Precision 60 Camera, SpeakerTrack 60 Camera |
| Bandwidth Consumption | H.323/SIP up to 10 Mbps point-to-point MultiSite: Up to 6 Mbps total | H.264: from 768 kbps to 6000 kbps | H.264: from 768 kbps to 6000 kbps | 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 | OPUS G.711 G.722 G.722.1 G.729 G.729AB 64 kbps and 128 kbps MPEG4 AAC-LD mono and stereo | G.711 G.722 G.722.1 G.729 AAC-LD Opus | G.711 G.722 G.722.1 G.729 AAC-LD Opus | 64 kbps MPEG4 AAC-LD OPUS G.722 G.722.1 G.729 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 | CD-quality 20 kHz mono and stereo Eight separate acoustic echo cancellers Eight-port audio mixer 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 Subwoofer line out for Quad Camera Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization | 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 | Extended Collaboration | Create Flexible Work Areas / Office Spaces Incorporate Video Into Meetings | Briefing or Training Rooms | Collaborative Meeting Spaces | Support Teleworkers and Branch Offices | Briefing or Training Rooms |
| Physical Dimensions | MX800 Dual Dimensions & Weight: • Width: 124.77" in. (316.9 cm) • Height Freestand: 71.69" in (182.1 cm) • Height Wallmount: 49.52" in (125.8 cm) • Depth Freestand: 4.76" in, 36.22" incl. ski (12.1 cm system, 92.0 cm incl. ski) • Depth Wallmount: 5.87" in (14.9 cm) • Weight Dual Camera: Freestand: 467.38 lbs (212.0 kg) • Weight Dual Camera: Wallmount: 493.84 lbs (224.0 kg) | • Width: 27.5 in. (70.0 cm) • Height: 3.5 in. (10.6 cm) • Depth: 2.9 in. (8.8 cm) • Weight: 7 lb. (3.2 kg) | Quad Camera: • Width: 37.4 in. (95.0 cm) • Height: 4.7 in. (12.0 cm) • Depth: 4.0 in. (10.3 cm) • Weight: 10.6 lb. (4.8 kg) Codec Plus: • Width: 14.1 in. (35.9 cm) • Height: 1.7 in. (4.3 cm) • Depth: 5.6 in. (14.3 cm) • Weight: 3.9 lb. (1.77 kg) | SX10 Codec Dimensions: • Width: 10.8 inches (27.5 cm) • Height: 4.6 inches (11.7 cm) • Depth: 3.6 inches (9.1 cm) (with max tilt downward on camera) • Weight: 2.0 pounds (0.9 kg) | SX20 Codec Dimensions: • Width: 11.8 inches (30.0 cm) • Height: 1.4 inches (3.4 cm) • Depth: 7.1 inches (18.0 cm) • Weight: 3.1 pounds (1.4 kg) | • Length: 17.4 in. (44.2 cm) • Height: 1.7 in (4.4 cm) • Depth: 12.2 in. (30.98 cm) • Weight: 8.05 lbs. (3.65 kg) |
| PID | For Cisco cloud registration: CS-MX800D-2CAM-K9 (dual camera only) For registration to VCS, UCM and 3rd party call control: CTS-MX800D-2CAM-K9 (dual camera only) | For Cisco cloud registration: CS-KIT-MSRP-K9 For registration to VCS, UCM and 3rd party call control: CS-KIT-K9 | For Cisco cloud registration: CS-KITPLUS-MSRP-K9 For on-premises registration to VCS, UCM and 3rd party call control: CS-KITPLUS-K9 | For Cisco cloud registration: CS-SX10N-MSRP-K9 For on-premises registration to VCS, UCM and 3rd party call control: CTS-SX10N-K9 | CTS-SX20N-P40-K9 (SX20 Quick Set 4x); CTS-SX20N-12X-K9 (SX20 Quick Set 12x) | CTS-SX80-K9 (SX80 Codec); CTS-SX80-IP40-K9 (SX80 with 4x camera & Touch10); CTS-SX80-IP60-K9 (SX80 with P60 & Touch10); CTS-SX80-IPST60-K9 (SX80 with SpeakerTrack 60 & Touch10) |
| Datasheet URL | https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-mx-series/datasheet-c78-731263.html?cachemode=refresh | 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-c78-738752.html | 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-sx20-quick-set/data_sheet_c78-688342.html | https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-quick-set-series/datasheet-c78-731242.html |

DX70

DX80



| | | |
|---|--|---|
| Feature/Functionality | | |
| Form Factor | | |
| Category | Collaboration Endpoints - Desk | Collaboration Endpoints - Desk |
| Key Features | <p>Midsize 14 inch 16:9 display with intuitive touchscreen</p> <p>HD voice and video</p> <p>Ability to share PC/Mac content while in meetings or use as an external monitor</p> <p>WiFi and Bluetooth</p> <p>New cloud registration through Cisco Spark for even faster and cost-effective deployment</p> | <p>Large 23 inch 16:9 display with intuitive touchscreen</p> <p>HD voice and video</p> <p>Ability to share PC/Mac content while in meetings or use as an external monitor</p> <p>WiFi and Bluetooth</p> <p>New cloud registration through Cisco Spark for even faster and cost-effective deployment</p> |
| Screens | <p>Display:</p> <p>14-inch LCD monitor</p> <p>Resolution: 1920 x 1080 (16:9)</p> <p>AHVA display technology</p> <p>Contrast ratio: 700:1 (typ.)</p> <p>Viewing cone: 89/89/89/89</p> <p>Response time: 25ms</p> <p>Brightness: 300 cd/m2 (5 points avg.)</p> <p>10-point multi-touch surface with capacitive sensing</p> | <p>Display:</p> <p>23-inch (0.58m) LCD monitor</p> <p>Resolution: 1920 x 1080 (16:9)</p> <p>High contrast IPS LED panel</p> <p>Contrast ratio: 1000:1 (typ.)</p> <p>Viewing angle: +/- 178 deg (typ.)</p> <p>Response time: 5ms (typ.)</p> <p>Brightness: 215 cd/m2 (typ.)</p> <p>Color depth: 16.7 million colors</p> <p>Color gamut 72% (of NTSC)</p> <p>10 point multi-touch surface</p> |
| Camera | <p>Front camera:</p> <p>63° horizontal field of view</p> <p>38° vertical field of view</p> <p>Resolution: 1080p30</p> <p>F 2.2</p> <p>Instant Focus based on face detection</p> <p>Privacy shutter</p> | <p>Front Camera:</p> <p>63° horizontal field of view</p> <p>38° vertical field of view</p> <p>Resolution: 1080p30</p> <p>F 2.2</p> <p>Instant Focus based on face detection</p> <p>Privacy shutter</p> |
| Recommended Number of Participants | 1 | 1-2 |
| Video Quality | HD video with H.264 and AVC video calling up to 1080p at 30 fps | HD video with H.264 and AVC video calling up to 1080p at 30 fps |
| Resolution | 1920 x 1080 (16:9) | 1920 x 1080 (16:9) |
| Video Standards | H.263 H.263+ H.264 | H.263 H.263+ H.264 |
| Video Frame Rate | 30 fps | 30 fps |
| Supported PC Resolutions | SVGA (800 x 600) up to 1080p (1920 x 1080) at 60fps | SVGA (800 x 600) up to 1080p (1920 x 1080) at 60fps |
| Software Supported | Collaboration Endpoint Software 8.2 or later and Spark Room OS | Collaboration Endpoint Software 8.2 or later and Spark Room OS |
| Signaling Protocol | 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 | Analog headset Bluetooth and USB headset | Analog headset Bluetooth and USB headset |
| Bandwidth Consumption | 1 Mbps for 720p30 2 Mbps for 1080p30 | 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 | 64 kbps MPEG4 AAC-LD OPUS G.722 G.722.1 G.711mu G.711a G.729ab G.729 |



DX70



DX80



| | | |
|----------------------------|--|--|
| Audio Features | <p>In-call audio features:</p> <ul style="list-style-type: none"> Up to 16kHz sampling rate 100 Hz - 15 kHz loudspeaker frequency response Automatic static noise reduction Acoustic echo cancellers Automatic Gain Control (AGC) Active lip synchronization | <p>Loudspeaker frequency range:</p> <ul style="list-style-type: none"> 70Hz - 20kHz <p>Microphones frequency range: 100z - 20kHz Up to 48kHz sampling rate</p> <ul style="list-style-type: none"> Automatic static noise reduction Acoustic echo cancellers Automatic Gain Control (AGC) Active lip synchronization |
| Suggested Use Cases | Incorporate Video into Meetings | Support Teleworkers and Branch Offices |
| Physical Dimensions | 14.84 x 13.91 x 2.45 in. (377.1mm x 353.1mm x 62.3mm) | 20.2 x 22.2 x 3.5 in. (51.2 x 56.5 x 8.9 cm) |
| PID | <p>For Cisco cloud registration: CS-DX70-K9=</p> <p>For registration to VCS, UCM and 3rd party call control: CP-DX70-W-K9=</p> | <p>For Cisco cloud registration: CS-DX80-K9=</p> <p>For registration to VCS, UCM and 3rd party call control: CP-DX80-K9=</p> |
| Datasheet URL | 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 |

IX5000

IX5200



| | | |
|--|--|---|
| Feature/Functionality | | |
| Form Factor | | |
| Category | Collaboration Endpoints - TelePresence | Collaboration Endpoints - TelePresence |
| 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"> • CMOS 1/2.3-inch sensor • M12 mount lens • 2160p, 60 fps • Minimum vertical illumination 200 lux • Fixed focus | Cisco TelePresence UHD Camera: <ul style="list-style-type: none"> • CMOS 1/2.3-inch sensor • M12 mount lens • 2160p, 60 fps • Minimum vertical illumination 200 lux • Fixed focus |
| 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 (H.265) 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 (H.265) 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 | Immersive Rooms | Immersive Rooms |
| 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"> • 6 seat system: CTS-IX5000 • Hickory (default): CTS-5K-TBL-H-6S • Walnut: CTS-5K-TBL-W-6S | <ul style="list-style-type: none"> • 18 seat system: CTS-IX5200 • Hickory (default): CTS-5K-TBL-H-18S • Walnut: CTS-5K-TBL-W-18S |
| Datasheet URL | 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 |

| | 3900 Series | 3900 Series | 6900 Series | 6900 Series | 7800 Series | 7800 Series |
|--|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Feature/Functionality | | | | | | |
| Integral Switch | | 10/100 | | No | | 10/100 |
| Display | | 128 x 32 pixel-based, graphical monochrome LCD without backlit | | No | | 384 x 106 pixel-based, anti-glare graphical monochrome display |
| Integrated Video | | No | | No | | No |
| Touch Screen | | No | | No | | No |
| Speakerphone | | Yes | | No | | Yes (Narrowband) |
| Number of Line keys | | 1 | | 1 | | 0 |
| Programmable (Soft) keys | | 0 | | No | | 4 |
| Fixed Feature Keys | | 8 | | 4 | | 11 (No headset audio key) |
| Advanced Features | | | | | | Wideband audio available with purchase of wideband handset; Mobile Remote Access without a VPN client through Cisco Expressway; New cloud registration through Cisco Spark for even faster and cost-effective deployment |
| Handsfree | | Yes | | No | | Yes |
| Message Waiting Indication | | Yes | | Yes | | Yes |
| Third Party XML Support | | No | | No | | Yes |
| Headset Port | | No | | No | | No |
| Signaling Protocol | | SIP | | SCCP and SIP | | SIP |
| 802-3AF | | Yes | | Yes | | Yes |
| Cisco Power | | N/A | | No | | No |
| PoE Classification | | Class 1 | | Class 1 | | Class 1 |
| DHCP | | Yes | | Yes | | Yes |
| 802-1p/q | | Yes | | Yes | | Yes |
| Codecs | | G.711a, G.711µ, G.729, G.729a, and G.729b | | 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 |
| Supported Cisco Call Control Platform(s) | | CUCM 7.1(5) or later CUCMBE3000 - 8.6 CUCMBE5000 - 8.5 CUCMBE6000 - 8.5 | | 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 Spark: Requires Spark Phone OS 11.0 or later |
| UC Manager Encryption Support (TLS/SRTP) | | No | | Yes | | Yes |
| Notes | | | | | | FIPS 140-2 Level 1: Requires Phone OS 11.5 or later |
| PID | | CP-3905= | | 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) |
| Datasheet URL | 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-3905/index.html | 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-6901/index.html | 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/collateral/collaboration-endpoints/unified-ip-phone-7800-series/data-sheet-c78-729488.html |

7800 Series

7800 Series

7800 Series

7800 Series

7900 Series

7821



7841








7861








7832 Conference Phone



| Feature/Functionality | 7821 | 7841 | 7861 | 7832 Conference Phone | 7900 Series |
|--|---|---|---|---|---|
| Intergral Switch | 10/100 | 10/100/1000 | 10/100 | N/A | |
| 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 | 384 x 128 pixel, monochrome display with white LED backlight | |
| Integrated Video | No | No | No | No | |
| Touch Screen | No | No | No | No | |
| Speakerphone | Yes | Yes | Yes | Yes | |
| Number of Line keys | 2 | 4 | 16 | 1 | |
| Programmable (Soft) keys | 4 | 4 | 4 | 4 | |
| Fixed Feature Keys | 11 | 11 | 11 | 4 (navigation up/down, select key, mute key and volume toggle) | |
| Advanced Features | Multi-call per-line appearance Full Wideband Audio Electronic Hookswitch Support (Through AUX Port); Mobile Remote Access without a VPN client through Cisco Expressway; New cloud registration through Cisco Spark for even faster and cost-effective deployment | Multi-call per-line appearance Full Wideband Audio Electronic Hookswitch Support (Through AUX Port); Mobile Remote Access without a VPN client through Cisco Expressway; New cloud registration through Cisco Spark for even faster and cost-effective deployment | Multi-call per-line appearance Full Wideband Audio Electronic Hookswitch Support (Through AUX Port); Mobile Remote Access without a VPN client through Cisco Expressway; New cloud registration through Cisco Spark for even faster and cost-effective deployment | 360-degree Full Wideband Audio Expanded mute key eases participant access Raised edges enhances portability | |
| Handsfree | Yes | Yes | Yes | Yes | |
| Message Waiting Indication | Yes | Yes | Yes | Yes | |
| Third Party XML Support | Yes | Yes | Yes | Yes | |
| Headset Port | Yes | Yes | Yes | No | |
| Signaling Protocol | SIP | SIP | SIP | SIP | |
| 802-3AF | Yes | Yes | Yes | Yes | |
| Cisco Power | No | No | No | No | |
| PoE Classification | Class 1 | Class 1 | Class 1 | Class 2 | |
| DHCP | Yes | Yes | Yes | Yes | |
| 802-1p/q | Yes | Yes | Yes | Yes | |
| Codecs | 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 | G.711(u/A), G.729a, G.729ab, iLBC, iSAC, G.722, G.722.2, OPUS | |
| Supported Cisco Call Control Platform(s) | CUCM: 8.5.1, 8.6.2, 9.1.2, 10x and later Bus. Edition: 8.6.2 HCS: 9.1.2 Cisco Spark: Requires Spark 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 Spark: Requires Spark 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 Spark: Requires Spark Phone OS 11.0 or later | Cisco Spark (requires Phone OS 12.0 or later); CUCM and Business Edition 6000/7000 10.5(2), 11.0, 11.5, 12.0 and 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 | | |
| PID | 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) | CP-7832-K9= (Charcoal) CP-7832-W-K9= (White) CP-7832-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers) | |
| Datasheet URL | 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 | 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-c78-738318.html | https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-7900-series/index.html |

| | 7900 Series | 7900 Series | 7900 Series | 7900 Series | 8800 Series |
|--|---|---|---|---|---|
| | 7916 Expansion Module | 7945G | 7965G | 7975G | |
| |  |  |  |  |  |
| Feature/Functionality | | | | | |
| Integral Switch | N/A | 10/100/1000 | 10/100/1000 | 10/100/1000 | |
| Display | 4.3" graphical (TFT) backlit (480 x 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" (14.2 cm), graphical, 320 x 240, backlit, 16-bit, color with touch screen | |
| Integrated Video | N/A | No | No | No | |
| Touch Screen | | No | No | Yes | |
| Speakerphone | | Yes | Yes | Yes | |
| Number of Line keys | 24 (12 buttons, 2 display pages) | 2 - lighted | 6 - lighted | 8 - lighted | |
| Programmable (Soft) keys | | 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 | | 10 | 10 | 10 | |
| Advanced Features | | 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, Wideband support | Yes, Wideband support | Yes, Wideband support | |
| Message Waiting Indication | | Yes | Yes | Yes | |
| Third Party XML Support | | Yes | Yes | Yes | |
| Headset Port | | Yes, Wideband support | Yes, Wideband support | Yes, Wideband support | |
| Signaling Protocol | SCCP/SIP (with appropriate UCM firmware release) | SCCP/SIP | SCCP/SIP | SCCP/SIP | |
| 802-3AF | | Yes | Yes | Yes | |
| Cisco Power | | No | No | No | |
| PoE Classification | | Class 3 | Class 3 | Class 3 | |
| DHCP | | Yes | Yes | Yes | |
| 802-1p/q | | Yes | Yes | Yes | |
| Codecs | | | | | |
| Supported Cisco Call Control Platform(s) | | CUCM 4.1 and later | CUCM 4.1 and later | CUCM 4.1 and later | |
| UC Manager Encryption Support (TLS/SRTP) | N/A | Yes | Yes | Yes | |
| Notes | | | | | |
| PID | CP-7916= | CP-7945G | CP-7965G | CP-7975G | |
| Datasheet URL | 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-7945g/index.html | 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-7975g/index.html | https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-8800-series/index.html |

| | 8800 Series | 8800 Series | 8800 Series | 8800 Series | 8800 Series |
|---|---|---|---|--|--|
| | 8811 | 8841 | 8845 | 8851 | 8861 |
| |  |  |  |  |  |
| Feature/Functionality | | | | | |
| Integral Switch | 10/100/1000 | 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 | 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 | No |
| Touch Screen | No | No | No | No | No |
| Speakerphone | Yes | Yes | Yes | Yes | Yes |
| Number of Line keys | 5 | 5 | 5 | 5 | 5 |
| Programmable (Soft) keys | 4 | 4 | 4 | 4 | 4 |
| Fixed Feature Keys | 12 | 12 | 12 | 12 | 12 |
| Advanced Features | Gig Ethernet, Wideband Audio; Mobile Remote Access without a VPN client through Cisco Expressway; New cloud registration through Cisco Spark for even faster and cost-effective deployment | Gig Ethernet, Wideband Audio; Mobile Remote Access without a VPN client through Cisco Expressway; New cloud registration through Cisco Spark for even faster and cost-effective deployment | Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voice; Mobile Remote Access without a VPN client through Cisco Expressway; New cloud registration through Cisco Spark for even faster and cost-effective deployment; 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; New cloud registration through Cisco Spark for even faster and cost-effective deployment | 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; New cloud registration through Cisco Spark for even faster and cost-effective deployment |
| Handsfree | Yes | Yes | Yes | Yes | Yes |
| Message Waiting Indication | Yes | Yes | Yes | Yes | Yes |
| Third Party XML Support | Yes | Yes | Yes | Yes | Yes |
| Headset Port | Yes, Wideband Support | 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 | SIP Other Protocols Supported: USB (2 ports) Bluetooth |
| 802-3AF | Yes | Yes | Yes | Yes | Yes |
| Cisco Power | No | No | No | No | No |
| PoE Classification | Class 2 | Class 2 | Class 2 | Class 4 | Class 4 |
| DHCP | Yes | Yes | Yes | Yes | Yes |
| 802-1p/q | Yes | 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 | 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 Spark: Requires Spark 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 Spark: Requires Spark 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 Spark: Requires Spark 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 Spark: Requires Spark 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 Spark: Requires Spark 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 | 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) | CP-8861-K9= (Charcoal); CP-8861-W-K9= (White); CP-8861-3PCC-K9= Multiplatform Phone: (Cisco approved Service Providers) |
| Datasheet URL | 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-8841/index.html | 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-8851/index.html | https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phone-8861/index.html |

8800 Series

8800 Series

8800 Series

8800 Series

8865

8821






8821-EX







8831 Conference Phone



| Feature/Functionality | 8865 | 8821 | 8821-EX | 8831 Conference Phone |
|--|---|--|---|---|
| Intergral Switch | 10/100/1000 | No | No | No |
| 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 | 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 |
| Speakerphone | Yes | Yes | Yes | Yes (full-duplex, 360-degree room coverage) |
| Number of Line keys | 5 | 6 | 6 | 1 line |
| Programmable (Soft) keys | 4 | 2 | 2 | 4 |
| Fixed Feature Keys | 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; New cloud registration through Cisco Spark for even faster and cost-effective deployment; 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 Speakerphone |
| Message Waiting Indication | Yes | Yes | Yes | Yes: Red button on dial control unit (DCU), message status via display |
| Third Party XML Support | Yes | Yes | Yes | Yes |
| Headset Port | 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 (1 port) Bluetooth | SIP Other Protocols Supported: USB (1 port) Bluetooth | SIP |
| 802-3AF | Yes | N/A | N/A | Yes |
| Cisco Power | No | N/A | N/A | No |
| PoE Classification | Class 4 | N/A | N/A | Class 3 |
| DHCP | Yes | Yes | Yes | Yes |
| 802-1p/q | 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.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 Spark: Requires Spark 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 |
| Notes | FIPS 140-2 Level 1: Requires Phone OS 11.5 or later | | Available CY Q3 2017 | |
| PID | 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 | 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/wireless-ip-phone-8821/index.html | 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/unified-ip-conference-phone-8831/index.html |



| | Collaboration Room Systems | Desk | Immersive | IP Phones | Peripherals | |
|---|---|---|---|---|---|---|
| | 8800 Series | 8800 Series | 8800 Series | 8800 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 | SPA300 Series | |
| |  |  |  |  |  |  |
| Feature/Functionality | | | | | | |
| Integral 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 DECT wireless microphones (CYQ4 2017) Daisy-chain option (CYQ4 2017) | 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 | ? | | N/A | N/A | N/A | |
| Headset Port | No | USB | One side port (USB) | One side port (USB) | No | |
| Signaling Protocol | 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 4 | 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 | 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 Spark | 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 | Available Sept 2017: US and Canada; CYQ4 2017 - select countries (EMEA); DECT microphones and Daisy-chain option available CYQ4 2017 | | Available Sept 2017 | Available Sept 2017 | | |
| PID | CP-8832-K9= (charcoal) CP-8832-W9= (white) | CP-BEKEM= (Charcoal); CP-BEKEM-W= (White) | CP-8800-A-K9= (charcoal) | CP-8800-V-K9= (charcoal) | SPA301-G1 (North America power adapter); SPA301-G2 (Europe power adapter); SPA301-G3 (UK power adapter); SPA301-G4 (Australia power adapter) | |
| Datasheet URL | https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-conference-phone-8832/index.html | 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/collaboration-endpoints/ip-phone-8851-8861-key-expansion-module/index.html | 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/small-business-spa300-series-ip-phones/datasheet_c78-601647.html | |

| | Collaboration Room Systems | Desk | Immersive | IP Phones | Peripherals | |
|--|---|---|---|---|---|---|
| | SPA300 Series | SPA500 | SPA500 Series | SPA500 Series | SPA500 Series | |
| | SPA303 | | SPA500S | SPA500DS | SPA501G | SPA502G |
| |  |  |  |  |  |  |
| Feature/Functionality | | | | | | |
| Integral 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 | Provides call pickup (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 | 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/collaboration-endpoints/small-business-spa500-series-ip-phones/index.html | 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/spa500ds-digital-expansion-module/data_sheet_c78-711964.html | 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_c78-548561.html |







Collaboration Room Systems

Desk




Immersive

IP Phones

Peripherals


| | SPA500 Series SPA504G | SPA500 Series SPA508G | SPA500 Series SPA509G | SPA500 Series SPA512 | SPA500 Series SPA514 | SPA500 Series 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, TCP/IP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP | SIP/SPCP Other Protocols Supported: SIP, TCP/IP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP | SIP/SPCP Other Protocols Supported: SIP, TCP/IP, UDP, RTP, HTTP/HTTPS, ARP/ RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP | SIP/SPCP Other Protocols Supported: SIP, TCP/IP, 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, TCP/IP, 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, TCP/IP, 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 | 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_c78-548569.html | 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/spa512g-1-line-gige-ip-phone/c78-698950_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 | https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/spa525g2-5-line-ip-phone/data_sheet_c78-603725.html |



| | ISDN Link | SpeakerTrack 60 | Precision 60 Camera |
|-----------------------|---|---|--|
| |  |  |  |
| Feature/Functionality | | | |
| Category | Telepresence Peripherals | Telepresence Peripherals | Telepresence Peripherals |
| Key Features | Compact appliance for in-room ISDN and external network connectivity supporting Cisco TelePresence EX, MX, SX, and C Series endpoints. Provides direct connectivity to ISDN or external networks (V.35) for individual telepresence endpoints without the need for additional gateways or other infrastructure. | Cisco TelePresence 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 | https://www.cisco.com/c/dam/en/us/products/collateral/collaboration-endpoints/telepresence-isdn-link/telepresence_isdn_link.pdf | 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-precision-cameras/datasheet-c78-669051.html?cachemode=refresh |



| | | | | |
|----------------------------|------|-----------|-----------|-------------|
| Collaboration Room Systems | Desk | Immersive | IP Phones | Peripherals |
|----------------------------|------|-----------|-----------|-------------|

| | Precision 40 Camera | Precision 12X Camera | Touch 10 |
|-----------------------|--|--|---|
| |  |  |  |
| Feature/Functionality | | | |
| Category | Telepresence Peripherals | Telepresence Peripherals | Telepresence Peripherals |
| Key Features | <p>Cisco TelePresence Precision 40 Camera enables users to fully realize the high-definition experience and provides superior video quality at any bandwidth with the following features:</p> <ul style="list-style-type: none"> • Full 1080 HD • Mount upside down-(select option through VISCA™) • Automatic or manual focus, brightness, and white balance • High-definition multimedia interface (HDMI) • In-call LED indicator and power indicator | <p>Cisco TelePresence Precision Camera enables users to fully realize the high-definition experience and provides superior video quality at any bandwidth with the following features:</p> <ul style="list-style-type: none"> • Ultimate high-definition camera designed by Cisco • Full 1080 HD • Upside-down mounting with automatic flipping of picture • Dual high-definition multimedia interface (HDMI) and high-definition serial digital interface (HD-SDI) output • Improved autofocus with multifocus points • Improved white balance with ambient light sensor • Automatic or manual focus, brightness, and white balance • In-call LED indicator and power indicator | <p>Cisco TelePresence Touch devices take ease-of-use and user interaction benefits to the next level by adding touch interfaces to Cisco TelePresence endpoints</p> <p>Touch 10-inch devices support the second-generation MX300 and future generations of SX and MX Series</p> |
| Screens | None | None | Capacitive touch LCD 10.1-inch diagonal |
| Camera | <p>PrecisionHD 1080p 4x Camera</p> <p>Delivers 1080p30 (30 frames per second) or 720p60 (60 fps) true HD video with the following features:</p> <p>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°</p> | <p>Precision 12X Camera</p> <p>Delivers 1080p60 (60 frames per second) true HD video with the following features:</p> <p>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</p> | 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"> • Height (at max tilt): 151 mm/5.94 in • Width: 212 mm/8.35 in • Depth: 138 mm/5.43 in • Weight: 1.44 kg/3.17 lbs | <ul style="list-style-type: none"> • Height (at maximum tilt): 6.8 inches (17.2 cm) • Width: 8.7 inches (22 cm) • Depth: 5.8 inches (14.7 cm) • Weight: 3.95 lb (1.8kg) | 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= |
| Datasheet URL | 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 | https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-touch/data_sheet_c78-646041.html |