Collaboration Room Systems

Webex Board

Webex Room 55

Webex Room 70

IP Phones

MX700

MX800

Form Factor

<table>
<thead>
<tr>
<th>Collaboration Devices</th>
<th>Room System</th>
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<tbody>
<tr>
<td>Collaboration Devices</td>
<td>Room System</td>
</tr>
<tr>
<td>Collaboration Devices</td>
<td>Room System</td>
</tr>
</tbody>
</table>

Feature/Functionality

**Screens**

- **Cisco Webex Board 55:**
  - Edge LED LCD – 55-inch 4K 350 nits, 16:9
  - Resolution: Up to 1920 x 1080@60 (HD1080p)
  - Contrast ratio: Typical 4000:1
  - Viewing angle: +/- 89 degrees (all directions)
  - Response time: 5.5 ms

- **Cisco Webex Room 55:**
  - Edge LED LCD – 55-inch 4K 350 nits, 16:9
  - Resolution: 3840 x 2160 (16:9)
  - Contrast ratio: Typical 1000:1
  - Viewing angle: +/- 178 degrees
  - Response time: typical 8 ms
  - Brightness: typical 500 cd/m2

- **Cisco Webex Room 70:**
  - 70-inch TFT-LCD monitor, edge-lit LED
  - Resolution: 3840 x 2160 (16:9)
  - Contrast ratio: Typical 4000:1
  - Viewing angle: +/- 88 deg (typical)
  - +/- 70 deg (minimum)
  - Response time: Typical 6 ms
  - Brightness: Typical 230 cd/m2

- **Cisco Spark Room 70D:**
  - 2x 70-inch TFT-LCD monitor, edge-lit LED
  - Resolution: 3840 x 2160 (16:9)
  - Contrast ratio: Typical 4000:1
  - Viewing angle: +/- 88 deg (typical)
  - +/- 70 deg (minimum)
  - Response time: Typical 6 ms
  - Brightness: Typical 1230 cd/m2

- **Cisco MX700:**
  - 2x 55-inch (1.4m) 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

- **Cisco MX800:**
  - 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

**Key Features**

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.

Reticle Webex Teams app pairing with a Cisco Webex device
- Cisco Webex cloud registration only
- Continuous workflow through any Cisco Webex Teams app-enabled device and associated to a Cisco Webex Teams space

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 as its basic technology, 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.

Supports:
- Cisco Webex Teams app pairing with a Cisco Webex device
- Cisco Webex cloud registration only
- Continuous workflow through any Cisco Webex Teams app-enabled device and associated to a Cisco Webex Teams space

Cisco Webex Room 70 is the flagship video collaboration product within the Cisco room systems portfolio. Room 70 is available in two configurations: Room 70 Single (70S) with one 70" LED screen and Room 70 Dual (70D) 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. Sophisticated cameras bring speaker-tracking and auto-framing capabilities to medium to large team rooms for up to 14 people. Room 70 enables smarter meetings, smarter presentations, and smarter room and device integrations.

Supports:
- Cisco Webex Teams app pairing with a Cisco Webex device
- Cisco Webex cloud registration only
- Continuous workflow through any Cisco Webex Teams app-enabled device and associated to a Cisco Webex Teams space

Cisco MX700 is a dual 55-inch LED screen system that 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

Supports:
- Cisco Webex Teams app pairing with a Cisco Webex device
- Cisco Webex cloud registration only
- Continuous workflow through any Cisco Webex Teams app-enabled device and associated to a Cisco Webex Teams space
<table>
<thead>
<tr>
<th>Collaboration Room Systems</th>
<th>Desk</th>
<th>Immersive</th>
<th>IP Phones</th>
<th>Peripherals</th>
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<tr>
<td><strong>Webex Board</strong></td>
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<tr>
<td><strong>Webex Room 55</strong></td>
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<tr>
<td><strong>Webex Room 70</strong></td>
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<tr>
<td><strong>MX700</strong></td>
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<tr>
<td><strong>MX800</strong></td>
<td></td>
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</tr>
</tbody>
</table>

**Camera**
- **Fixed lens, infinite focus**
  - Resolution: 4Kp60
  - 83° horizontal field of view
  - 55° vertical field of view
  - Resolutions: 1080p60 and 720p60
  - F 2.8

<table>
<thead>
<tr>
<th><strong>5K UltraHD camera</strong></th>
<th><strong>3x digital zoom</strong></th>
<th><strong>83° horizontal field of view</strong></th>
<th><strong>51.5° vertical field of view</strong></th>
<th><strong>Resolution: up to 1080p60</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-framing (audio + face detect)</td>
<td>Auto focus, brightness, and white balance</td>
<td>Focus distance 1 m to infinity</td>
<td><strong>F 2.0</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th><strong>5K Ultra HD camera</strong></th>
<th><strong>5x digital zoom (3 tele-lenses each with 50° horizontal field of view)</strong></th>
<th><strong>80° horizontal field of view</strong></th>
<th><strong>48.8° vertical field of view</strong></th>
<th><strong>Resolution: 4Kp60 and 720p60</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-framing (audio + face detect)</td>
<td>Auto focus, brightness, and white balance</td>
<td>Focus distance 1 m to infinity</td>
<td><strong>F 1.5</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>20x total zoom (10x optical, 2x digital zoom)</strong></th>
<th><strong>Motorized +20°/-20° tilt, +/-90° pan</strong></th>
<th><strong>80° horizontal field of view</strong></th>
<th><strong>48.8° vertical field of view</strong></th>
<th><strong>Resolutions: 1080p60 and 720p60</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic or manual focus, brightness, and white balance</td>
<td>Far-end camera control</td>
<td>Camera control over Ethernet</td>
<td><strong>Focus distance 3.28 ft (1m) to infinity</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Recommended Number of Participants**
- **Cisco Webex Board 55**: up to 5 people
- **Cisco Webex Board 70**: up to 7 people
- Up to 7 people
- Up to 14 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**
- **3840 x 2160 (16:9)**
- **3840 x 2160 (16:9)**
- **1920 x 1080 (16:9)**
- **1920 x 1080 (16:9)**

**Video Standards**
- **H.263**
- **H.263+**
- **H.264**
- **H.264**
- **H.264**
- **H.265** (SIP only for H.265)

**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 1080p30**
- **Up to 1080p30**
- **Up to 1080p30**
- **Up to 1080p30**
- **Up to 1080p30**

**Software Supported**
- **Cisco Webex Board OS, provisioned by Cisco Webex in the cloud**
- **Cisco Collaboration Endpoint Software Version 9.1.1 or later, or Cisco Webex Board OS**
- **Cisco Collaboration Endpoint Software Version 9.2 or later, or Cisco Webex Room OS**
- **Cisco TelePresence Software Version TC 7.1.2 or later, Collaboration Endpoint Software 8.0 or later and Cisco Webex Room OS**
- **Cisco TelePresence Software Version TC 7.1.2 or later, Collaboration Endpoint Software 8.0 or later and Cisco Webex Room OS**

**Signaling Protocol**
- **Cisco Webex: HTTP, REST APIs**
- **Cisco Collaboration: HTTP, REST APIs**
- **Cisco Collaboration Endpoint Software Version 9.1.1 or later, or Cisco Webex Board OS**
- **Cisco Collaboration Endpoint Software Version 9.2 or later, or Cisco Webex Room OS**
- **Cisco TelePresence Software Version TC 7.1.2 or later, Collaboration Endpoint Software 8.0 or later and Cisco Webex Room OS**

**Bandwidth Consumption**
- **From 768 kbps to 10 Mbps**
- **From 768 kbps to 6000 kbps**
- **From 768 kbps to 6000 kbps**
- **H.264: from 768 kbps to 6000 kbps**
- **H.264: from 768 kbps to 6000 kbps**
- **H.264: from 768 kbps to 6000 kbps**
- **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.722 1.1**
- **G.722 1.2**
- **G.722 1.3**
- **G.722 1.4**
- **G.729**
- **AAC-LD**
- **Opus**
- **G.711**
- **G.728**
- **G.729**
- **AAC-LD**
- **Opus**

**Bandwidth Consumption**
- **64 kbps and 128 kbps MPEG4 AAC-LD mono and stereo**
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- **64 kbps and 128 kbps MPEG4 AAC-LD mono and stereo**

**Supported Peripherals**
- **Cisco Webex Pen**
- **Cisco Touch 10**
- **Cisco Touch 10 and ISDN Link**
- **Cisco Touch 10 and EDIN Link**
- **Cisco Touch 10 and EDIN Link**

**Bandwidth Consumption**
- **Up to 10 Mbps**
- **MultiSite: Up to 10 Mbps point-to-point**
- **MultiSite: Up to 6 Mbps total**
- **MultiSite: Up to 6 Mbps total**
- **MultiSite: Up to 6 Mbps total**

**Audio Standards**
- **64- and 128-kbps AAC-LD**
- **OPUS**
- **G.711**
- **G.722**
- **G.722 1**
- **G.722 1.1**
- **G.722 1.2**
- **G.722 1.3**
- **G.722 1.4**
- **G.729**
- **AAC-LD**
- **Opus**

**Bandwidth Consumption**
- **64 kbps and 128 kbps MPEG4 AAC-LD mono and stereo**
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<td><strong>Webex Room 70</strong></td>
<td><strong>MX700</strong></td>
<td><strong>MX800</strong></td>
</tr>
<tr>
<td><strong>Audio Features</strong></td>
<td>High-quality 20 kHz audio</td>
<td>High-quality 20 kHz audio</td>
<td>High quality 20 kHz audio</td>
<td>CD-quality 20 kHz mono and stereo</td>
</tr>
<tr>
<td></td>
<td>Acoustic echo cancellation</td>
<td>Preparred for subwoofer (line out)</td>
<td>Subwoofer line out for Quad Camera</td>
<td>Eight separate acoustic echo cancellers</td>
</tr>
<tr>
<td></td>
<td>Automatic Gain Control (AGC)</td>
<td>Automatic Gain Control (AGC)</td>
<td>Automatic noise reduction</td>
<td>Eight-port audio mixer</td>
</tr>
<tr>
<td></td>
<td>Automatic noise reduction</td>
<td>Automatic noise reduction</td>
<td>Active lip synchronization</td>
<td>Automatic Gain Control (AGC)</td>
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<tr>
<td></td>
<td>Active lip synchronization</td>
<td>Active lip synchronization</td>
<td>Active lip synchronization</td>
<td>Automatic noise reduction</td>
</tr>
<tr>
<td></td>
<td>Microphone array with intelligent voice tracking capabilities</td>
<td></td>
<td></td>
<td>Active lip synchronization</td>
</tr>
</tbody>
</table>

### Suggested Use Cases
- **Create Flexible Work Areas/Office Spaces**
- **Incorporate Video Into Meetings**
- **Briefing or Training Rooms**
- **Video Conference Meeting Space**
- **Collaborate with External Organizations**

### Physical Dimensions (WxHxD)

#### Cisco Webex Board 55:
- Main unit: 36.2 x 55.7 x 7.5 in (919 x 1416 x 191 mm)
- Wall mount 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 7.7 x 5.2 in (1064 x 1974 x 132 mm)

#### Cisco Webex 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 Webex Board 55 with (all weight without packaging):
- Main unit: 83.8 lb (38kg)
- Wall mount: 68.3 lb (3.1kg)
- Wheelbase: 85.1 lb (3.8kg)
- Main unit only: 66.1 lb (30kg)

#### Cisco Webex Board 70 with (WxHxD):
- Main unit: 124.7 x 75.59 x 36.22 in (3169 x 1920 x 920 mm) (MX701D)
- Weight, monitor module: 390.22 lb (177 kg)
- Weight, wall mount: 88.18 lb (40 kg)
- Weight: 479.02 lb (220 kg)

#### Cisco Webex Room 70D with (WxHxD):
- Main unit: 124.76 x 49.53 x 5.91 in (3169 x 1258 x 150 mm)
- Weight, monitor module: 390.22 lb (177 kg)
- Weight, wall mount: 88.18 lb (40 kg)
- Weight: 479.02 lb (220 kg)

#### Cisco in front of MX700 Dimensions and 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: 47.67” 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)

### PID

#### Cisco Webex Board 55:
- Upfront pricing: CS-ROOM55-K9
- Subscription pricing: CS-ROOM55-MSRP-K9

#### Cisco Webex Board 70:
- Upfront pricing: CS-ROOM70D-K9
- Subscription pricing: CS-ROOM70D-MSRP-K9

#### Room 70 Single:
- Upfront pricing - CS-ROOM70S-K9
- Subscription pricing - CS-ROOM70S-MSRP-K9

#### Room 70 Dual:
- Upfront pricing - CS-ROOM70D-K9
- Subscription pricing - CS-ROOM70D-MSRP-K9

#### MX700 Dimensions and Weight:
- Width: 62.83” in. (159.5 cm)
- Height Freestand: 71.69” in (182.1 cm)
- Height Wallmount: 49.52” in (125.8 cm)
- Depth Freestand: 47.67” 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)

### DataSheet URL

#### Cisco Webex Board 55:

#### Cisco Webex Board 70:

#### Cisco Webex Room 55 with (all weight without packaging):

#### Cisco Webex Room 70D with (WxHxD):

#### Cisco in front of MX700 Dimensions and Weight:

#### Cisco MX800 Dimensions and Weight:

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### Feature/Functionality

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<tr>
<th>Form Factor</th>
<th>WebEx Room Kit</th>
<th>WebEx Room Kit Plus</th>
<th>SX10 Quick Set</th>
<th>SX20 Quick Set</th>
<th>SX80</th>
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</thead>
<tbody>
<tr>
<td>Dual 70-inch screen integrated system</td>
<td>Integrated camera, codec, speaker, microphone; Cisco Touch 10 control unit; monitor not included</td>
<td>Quad Camera and Codec Plus with Cisco Touch 10 control unit; monitor not included</td>
<td>Camera-in-codec unit with microphone and remote control; monitor not included</td>
<td>Camera and codec with microphone and remote control; monitor not included</td>
<td>Codex only, or integrator packages available with Touch 10 control unit and camera options</td>
</tr>
</tbody>
</table>

### Category

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<tr>
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<tbody>
<tr>
<td>Cisco MX800 Dual is a dual 70-inch LED screen system that 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</td>
<td></td>
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</tr>
<tr>
<td>Cincinnati Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs</td>
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<tr>
<td>Multistreaming (switched conferencing) for enhanced layouts and video enablement on both screens of dual-screen endpoints</td>
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<tr>
<td>In-room control of peripherals from Touch 10</td>
<td></td>
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<tr>
<td>Registration flexibility on premises or to Cisco Webex in the cloud</td>
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</table>

### Camera

<table>
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<th>Screen</th>
<th>Screen</th>
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</thead>
<tbody>
<tr>
<td>Cisco MX800 Dual</td>
<td>Screen not included</td>
<td>Screen not included</td>
<td>Screen not included</td>
<td>Screen not included</td>
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</tbody>
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### Screen

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Contrast ratio</th>
<th>Viewing angle</th>
<th>Response time</th>
<th>Brightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080 x 1080 (16:9)</td>
<td>Typical 4000:1</td>
<td>+/- 176 deg</td>
<td>Typical 8 ms</td>
<td>350 cd/m2</td>
</tr>
</tbody>
</table>

### Camera

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</tr>
</thead>
<tbody>
<tr>
<td>20x total zoom (10x optical,2x digital zoom)</td>
<td>5x Ultra HD camera</td>
<td>SX zoom (2.65 optical and digital zoom)</td>
<td>Two camera options:</td>
<td>Cisco offers three camera options in the SX80 Integrator Packages:</td>
</tr>
<tr>
<td>Motorized x20°/-20° tilt, +/-90° pan</td>
<td>5x digital zoom</td>
<td>F5.5*/F5.5* vertical field of view</td>
<td>Automatic or manual focus, brightness, and white balance</td>
<td>Sx80 Codec and Precision: H.265x 4x camera for smaller room scenarios; Sx80 Codec and Precision 60 Camera, for larger room scenarios, with the best image quality in the market.</td>
</tr>
<tr>
<td>80° horizontal field of view</td>
<td>3x digital zoom</td>
<td>F5.5*/F5.5* vertical field of view</td>
<td>Both have:</td>
<td>SX80 and the SpeakerTrack 60 dual camera system, which features a unique direct, fast switching approach for active speaker tracking</td>
</tr>
<tr>
<td>48.8° vertical field of view</td>
<td>3x ultra-digital zoom (2.65x)</td>
<td>83° horizontal field of view</td>
<td>1920 x 1080 pixels progressive @ 60 fps</td>
<td>SX80 in front of SX20 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 enables 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</td>
</tr>
<tr>
<td>Resolutions: 1080p60 and 720p60</td>
<td>Auto-focus, brightness, and white balance</td>
<td>Focus distance 1 m to infinity</td>
<td>Automatic or manual focus, brightness, and white balance</td>
<td>SX80 Codec, SpeakerTrack60, Microphone Array, and Touch10 control unit</td>
</tr>
</tbody>
</table>

### Recommended Number of Participants

<table>
<thead>
<tr>
<th>Video Quality</th>
<th>Recommended Number of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 1080p60</td>
<td>6 to 10 people</td>
</tr>
<tr>
<td>Up to 1080p60</td>
<td>Up to 7 people</td>
</tr>
<tr>
<td>1080p60</td>
<td>Up to 14 people</td>
</tr>
<tr>
<td>1080p30</td>
<td>1 to 4 people</td>
</tr>
<tr>
<td>Up to 1080p60</td>
<td>2 to 12 people</td>
</tr>
<tr>
<td>Up to 1080p60</td>
<td>12 to 16+ people</td>
</tr>
</tbody>
</table>

### Video Quality

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<td>1080p60</td>
<td>Up to 14 people</td>
</tr>
<tr>
<td>1080p30</td>
<td>1 to 4 people</td>
</tr>
<tr>
<td>Up to 1080p60</td>
<td>2 to 12 people</td>
</tr>
<tr>
<td>Up to 1080p60</td>
<td>12 to 16+ people</td>
</tr>
</tbody>
</table>

### Key Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>WebEx Room Kit Plus</th>
<th>SX10 Quick Set</th>
<th>SX20 Quick Set</th>
<th>SX80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camera</td>
<td>Camera-in-codec unit with microphone and remote control; monitor not included</td>
<td>Camera-in-codec unit with microphone and remote control; monitor not included</td>
<td>Camera-in-codec unit with microphone and remote control; monitor not included</td>
<td>Camera and codec with microphone and remote control; monitor not included</td>
</tr>
<tr>
<td>Camera-in-codec unit with microphone and remote control; monitor not included</td>
<td>Camera-in-codec unit with microphone and remote control; monitor not included</td>
<td>Camera-in-codec unit with microphone and remote control; monitor not included</td>
<td>Camera and codec with microphone and remote control; monitor not included</td>
<td></td>
</tr>
<tr>
<td>SX80 Codec, SpeakerTrack60, Microphone Array, and Touch10 control unit</td>
<td></td>
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<tr>
<td>SX80 Codec, SpeakerTrack60, Microphone Array, and Touch10 control unit</td>
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<tr>
<td>SX80 Codec, SpeakerTrack60, Microphone Array, and Touch10 control unit</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SX80 Codec, SpeakerTrack60, Microphone Array, and Touch10 control unit</td>
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<td></td>
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<tr>
<td>Collaboration Room Systems</td>
<td>Desk</td>
<td>Immersive</td>
<td>IP Phones</td>
<td>Peripherals</td>
</tr>
<tr>
<td>---------------------------</td>
<td>------</td>
<td>-----------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>MX800 Dual</td>
<td>Webex Kit</td>
<td>Webex Room Kit Plus</td>
<td>SX10 Quick Set</td>
<td>SX20 Quick Set</td>
</tr>
</tbody>
</table>

**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) |

**Video Frame Rate**

| Up to 60 fps | Up to 60 fps | Up to 60 fps | Up to 60 fps | Up to 60 fps |

**Supported PC Resolutions (Content Sharing)**

| SVA (800 x 600) up to 1080p (1920 x 1080) at 30fps | SVA (800 x 600) up to 1080p (1920 x 1080) at 5fps | SVA (800 x 600) up to 1080p (1920 x 1080) at 30fps | SVA (800 x 600) up to 1080p (1920 x 1080) at 30fps | SVA (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 Cisco Webex Room OS | Cisco TelePresence Software Version 9.1 or later, or Webex Room OS | Cisco TelePresence Software Version 9.1 or later, or Webex Room OS | Cisco TelePresence Software Version 9.1 or later, or Webex Room OS | Cisco TelePresence Software Version 9.1 or later, or Webex Room OS |

**Signaling Protocol**

| VCS: H.323 and SIP | CUOM: SIP | Cisco Webex: HTTP, REST APIs | VCS: H.323 and SIP | CUOM: SIP | Cisco Webex: HTTP, REST APIs |

**Peripherals supported**

| Cisco Touch 10 and ISDN Link | Cisco Touch 10 for cloud registration: Any Cisco Webex-app enabled device | Cisco Touch 10, Touch 10 for cloud registration: Any Cisco Webex-app enabled device | Cisco Remote Control, Touch 8/10 and ISDN Link PrecisionHD4 4x and 12x cameras | Cisco Touch 10, ISDN Link, Precision 60 Camera, SpeakerTrack 60 Camera |

**Video Bandwidth Consumption**

| H.323/SP 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/SP up to 6 Mbps point-to-point MultiSite: Up to 6 Mbps total |

**Audio Standards**

| OPUS | G.711 | G.711 | G.711 | G.711 |

| Codec Plus: | 64 kbps MPEG4 AAC-LD | 64 kbps OPUS | 64 kbps OPUS | 64 kbps OPUS |

**Audio Features**

| CD-quality 20 kHz mono and stereo | Eight separate acoustic echo cancellers | Eight-port audio mixer | Automatic Gain Control (AGC) | Active lip synchronization |

**Suggested Use Cases**

| Extended Collaboration | Create and Finish Work in Office Space | Incorporate Video into Meetings | Reservations or Training Rooms | Collaborative Meeting Spaces | Support Teleworkers and Branch Offices | Traveling or Training Rooms |

**Physical Dimensions**

| MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: |

| Width: 12.4717” (316.9 mm) | Height: 71.69” (182.1 cm) | Depth: 17.416” (44.2 cm) | Height: 2.0 pounds (0.9 kg) | Weight: 3.1 pounds (1.4 kg) |

**Physician Dimensions**

| MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: | MX800 Dual Dimensions and Weight: |

| Width: 27.5” (70.0 cm) | Height: 35” (90.6 cm) | Weight: 7 lb (3.2 kg) | Quad Camera: | SX10 Codec Dimensions: | SX20 Codec Dimensions: |

**Datasheet URL**


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<table>
<thead>
<tr>
<th>Feature/Functionality</th>
<th>Desk</th>
<th>Immersive</th>
<th>IP Phones</th>
<th>Peripherals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DX80</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Feature/Functionality**

**Form Factor**
Collaboration Devices - Desk

**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)
  - 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 headsets

**Bandwidth Consumption**
- 1 Mbps for 720p30
- 2 Mbps for 1080p30

**Audio Standards**
- 64 kbps MPEG4 AAC-LD
- OPUS
- G.722
- G.722.1
- G.711a
- G.729ab
- G.729
### Audio Features
- Loudspeaker frequency range: 70Hz - 20kHz
- Microphones frequency range: 100Hz - 20kHz, up to 48kHz sampling rate
- Automatic static noise reduction
- Acoustic echo cancellers
- Automatic Gain Control (AGC)
- Active lip synchronization

### Suggested Use Cases
- Support Teleworkers and Branch Offices

### 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
## Feature/Functionality

### Form Factor

<table>
<thead>
<tr>
<th>Category</th>
<th>Collaboration Devices - Immersive</th>
</tr>
</thead>
</table>

### 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Screens</th>
</tr>
</thead>
<tbody>
<tr>
<td>IX5000</td>
<td>Three 70-inch HD screens</td>
</tr>
<tr>
<td>IX5200</td>
<td>Three 70-inch HD screens</td>
</tr>
</tbody>
</table>

### Camera

Cisco TelePresence UHD Camera:
- CMOS 1/2.3-inch sensor
- M12 mount lens
- 2160p, 60 fps
- Minimum vertical illumination 200 lux
- Fixed focus

Cisco TelePresence UHD Camera:
- CMOS 1/2.3-inch sensor
- M12 mount lens
- 2160p, 60 fps
- Minimum vertical illumination 200 lux
- Fixed focus

### Recommended Number of Participants

<table>
<thead>
<tr>
<th>Model</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>IX5000</td>
<td>6 people</td>
</tr>
<tr>
<td>IX5200</td>
<td>Up to 18 people</td>
</tr>
</tbody>
</table>

### Video Quality

<table>
<thead>
<tr>
<th>Model</th>
<th>Video Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>IX5000</td>
<td>Up to 1080p</td>
</tr>
<tr>
<td>IX5200</td>
<td>Up to 1080p</td>
</tr>
</tbody>
</table>

### Video Standards

SIP, H.264, H.265, TIP, BFCP

### Video Frame Rate

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

### Software Supported

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), SIP, H.264, H.265, BFCP

### 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)

### Audio Standards

G.711/G722 and AAC-LD (22 kHz)

### Audio Features

Cisco Dynamic Echo Cancellation for spatial audio

### Suggested Use Cases

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

- 6 seat system: CTS-IX5000
- Hickory (default): CTS-5K-TBL-H-6S
- Walnut: CTS-5K-TBL-H-6S
- 18 seat system: CTS-IX5200
- Walnut: CTS-5K-TBL-W-18S

### Datasheet URL


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<table>
<thead>
<tr>
<th>Feature/Functionality</th>
<th>3900 Series</th>
<th>Desk 3900 Series</th>
<th>Immersive 6800 Series</th>
<th>IP Phones 6800 Series</th>
<th>Peripherals 6900 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Integral Switch</strong></td>
<td>10/100</td>
<td>10/100/1000</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>128 x 32 pixel-based, graphical monochrome LCD without backlight</td>
<td>high-resolution 3.5-inch (396x162-pixel) grayscale display with white backlighting</td>
<td>high-resolution 3.5-inch (396x162-pixel) grayscale display with white backlighting</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Integrated Video</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Touch Screen</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td><strong>Speakerphone</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Number of Line keys</strong></td>
<td>1</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td><strong>Programmable (Soft) keys</strong></td>
<td>0</td>
<td>4</td>
<td>4</td>
<td>No</td>
<td>No</td>
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<tr>
<td><strong>Fixed Feature Keys</strong></td>
<td>8</td>
<td>11</td>
<td>11</td>
<td>4</td>
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<tr>
<td><strong>Advanced Features</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Handsfree</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Message Waiting Indication</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Third Party XML Support</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Headset Port</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td><strong>Signaling Protocol</strong></td>
<td>SIP</td>
<td>SIP</td>
<td>SIP</td>
<td>SCCP and SIP</td>
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<td><strong>802-3AF</strong></td>
<td>Yes</td>
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<td>No</td>
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<tr>
<td><strong>Cisco Power</strong></td>
<td>N/A</td>
<td>No</td>
<td>No</td>
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<td>No</td>
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<tr>
<td><strong>PoE Classification</strong></td>
<td>Class 1</td>
<td>N/A</td>
<td>Class 2</td>
<td>Class 1</td>
<td>Class 1</td>
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<tr>
<td><strong>DHCP</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>802-1p/q</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Supported Cisco Call Control Platform(s)</strong></td>
<td>CUOM 7.1(5) or later / CUCM 8.6 CUOMBE3000 (8.5) CUOMBE6000 (8.5)</td>
<td>No for Cisco Call Control third-party hosted call control only (Asterisk 1.8+; Broadsoft 19sp, 20sp, 21sp1; Centile Istra SP 9.2; Metaswitch 9.3)</td>
<td>No for Cisco Call Control third-party hosted call control only (Asterisk 1.8+; Broadsoft 19sp, 20sp, 21sp1; Centile Istra SP 9.2; Metaswitch 9.3)</td>
<td>No for Cisco Call Control third-party hosted call control only (Asterisk 1.8+; Broadsoft 19sp, 20sp, 21sp1; Centile Istra SP 9.2; Metaswitch 9.3)</td>
<td>CUOM 7.1(3) and later</td>
</tr>
<tr>
<td><strong>UC Manager Encryption Support (TLS/SRTP)</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Notes</strong></td>
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<tr>
<td>Feature/Functionality</td>
<td>Desk 7800 Series</td>
<td>Immersive 7800 Series</td>
<td>IP Phones 7800 Series</td>
<td>Peripherals 7900 Series</td>
<td></td>
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<td>------------------------------</td>
<td>------------------</td>
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<tr>
<td><strong>Integral Switch</strong></td>
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<td>10/100/1000</td>
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<tr>
<td><strong>Display</strong></td>
<td>384 x 106 pixel-based, anti-glare graphical monochrome display</td>
<td>396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight</td>
<td>396 x 162 pixel-based, anti-glare graphical monochrome display with white backlight</td>
<td>384 x 128 pixel, monochrome display with white LED backlight</td>
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<tr>
<td><strong>Integrated Video</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>Touch Screen</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
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<tr>
<td><strong>Speakerphone</strong></td>
<td>Yes (Narrowband)</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Number of Line keys</strong></td>
<td>0</td>
<td>2</td>
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<td>1</td>
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<tr>
<td><strong>Programmable (Soft) keys</strong></td>
<td>4</td>
<td>4</td>
<td>4</td>
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</tr>
<tr>
<td><strong>Fixed Feature Keys</strong></td>
<td>11 (No headset audio key)</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td></td>
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<tr>
<td><strong>Advanced Features</strong></td>
<td>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</td>
<td>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</td>
<td>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</td>
<td>360-degree Full-Wideband Audio Expanded mute key assists participant across random edges enhances portability</td>
<td></td>
</tr>
<tr>
<td><strong>Handsfree</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Message Waiting Indication</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Third Party XML Support</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Headset Support</strong></td>
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<td><strong>Signaling Protocol</strong></td>
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<tr>
<td><strong>PoE Classification</strong></td>
<td>Class 1</td>
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<td>Class 1</td>
<td>Class 2</td>
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<td><strong>DHCP</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td><strong>802.1p/q</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td><strong>Codec</strong></td>
<td>G.711a, G.711u, G.722, G.726a, G.729a, G.729b, G.729e, G.722, Internet Low Bitrate Codec (LBC) and OPUS</td>
<td>G.711a, G.711u, G.722, G.726a, G.729a, G.729b, G.729e, G.722, Internet Low Bitrate Codec (LBC) and OPUS</td>
<td>G.711a, G.711u, G.722, G.726a, G.729a, G.729b, G.722, Internet Low Bitrate Codec (LBC) and OPUS</td>
<td>G.711a, G.711u, G.722, G.726a, G.729a, G.729b, G.722, Internet Low Bitrate Codec (LBC) and OPUS</td>
<td></td>
</tr>
<tr>
<td><strong>Supported Cisco Call Control Platform(s)</strong></td>
<td>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</td>
<td>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</td>
<td>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</td>
<td>Cisco Webex (requires Cisco Webex Phone OS 12.0 or later); CUCM and Business Edition 6.00/7.00 10.5.2, 11.0, 11.5, 12.0 and later*</td>
<td></td>
</tr>
<tr>
<td><strong>UC Manager Encryption Support (TLS/MTTP)</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Notes</strong></td>
<td>FIPS 140-2 Level 1: Requires Phone OS 11.5 or later</td>
<td>FIPS 140-2 Level 1: Requires Phone OS 11.5 or later</td>
<td>FIPS 140-2 Level 1: Requires Phone OS 11.5 or later</td>
<td>FIPS 140-2 Level 1: Requires Phone OS 11.5 or later</td>
<td></td>
</tr>
<tr>
<td><strong>PID</strong></td>
<td>CP-7811-K9=, CP-7811-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)</td>
<td>CP-7821-K9= (Charcoal); CP-7821-WK-K9= (White); CP-7821-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)</td>
<td>CP-7841-K9= (Charcoal); CP-7841-WK-K9= (White); CP-7841-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)</td>
<td>CP-7861-K9= (Charcoal); CP-7861-WK-K9= (White); CP-7861-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)</td>
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</tr>
<tr>
<td>Feature/Functionality</td>
<td>7900 Series</td>
<td>7900 Series</td>
<td>7900 Series</td>
<td>7900 Series</td>
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<tr>
<td>Integral Switch</td>
<td>N/A</td>
<td>10/100/1000</td>
<td>10/100/1000</td>
<td>10/100/1000</td>
<td>N/A</td>
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<tr>
<td>Display</td>
<td>4.3” graphical (TFT) backlit (480 x 272) 16-bit color</td>
<td>6.0” (12.7 cm), graphical, 320 x 240, backlit, 16-bit color</td>
<td>5.0” (12.7 cm), graphical, 320 x 240, backlit, 16-bit color</td>
<td>5.6” (14.2 cm), graphical, 320 x 240, backlit, 16-bit color with touch screen</td>
<td>N/A</td>
</tr>
<tr>
<td>Integrated Video</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>Touch Screen</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>N/A</td>
</tr>
<tr>
<td>Speakerphone</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>N/A</td>
</tr>
<tr>
<td>Number of Line keys</td>
<td>24 (12 buttons, 2 display pages)</td>
<td>2 - lighted</td>
<td>6 - lighted</td>
<td>8 - lighted</td>
<td>N/A</td>
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<tr>
<td>Programmable (Soft) keys</td>
<td>4 soft keys, 2 line keys for use as lines, or as a line plus a speed dial or PLK</td>
<td>4 soft keys, 6 line keys for use as lines, speed dials or PLKs</td>
<td>5 soft keys, 8 line keys for use as lines, speed dials or PLKs</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Fixed Feature Keys</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Advanced Features</td>
<td>High-resolution and many infrastructure integration options; support of Headset Hookswitch Control</td>
<td>High-resolution and many infrastructure integration options; support of Headset Hookswitch Control, key Expansion Module support with up to 2 7914s, 7915s or 7916s</td>
<td>High-resolution and many infrastructure integration options; key Expansion Module support with up to 2 7914s, 7915s or 7916s; Support of Headset Hookswitch Control</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Handsfree</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
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<tr>
<td>Message Waiting Indication</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Third Party XML Support</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Headset Port</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
<td>Yes, Wideband support</td>
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<tr>
<td>Signaling Protocol</td>
<td>SCCP/SIP (with appropriate UCM firmware release)</td>
<td>SCCP/SIP</td>
<td>SCCP/SIP</td>
<td>SCCP/SIP</td>
<td>SCCP/SIP</td>
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<tr>
<td>802-3AF</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Cisco Power</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
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<tr>
<td>PoE Classification</td>
<td>Class 3</td>
<td>Class 3</td>
<td>Class 3</td>
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<td>DHCP</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>802-1p/q</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Codec</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Supported Cisco Call Control Platform(s)</td>
<td>CUCM 4.1 and later</td>
<td>CUCM 4.1 and later</td>
<td>CUCM 4.1 and later</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>UC Manager Encryption Support (TLS/SRTP)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>Notes</td>
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<td>N/A</td>
<td>N/A</td>
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<td>PID</td>
<td>CP-7916+i</td>
<td>CP-7945G</td>
<td>CP-7965G</td>
<td>CP-7975G</td>
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</tbody>
</table>
## Feature/Functionality

<table>
<thead>
<tr>
<th>Collaboration Room Systems</th>
<th>Desk</th>
<th>Immersive</th>
<th>IP Phones</th>
<th>Peripherals</th>
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</thead>
<tbody>
<tr>
<td><strong>8800 Series</strong></td>
<td><strong>8800 Series</strong></td>
<td><strong>8800 Series</strong></td>
<td><strong>8800 Series</strong></td>
<td><strong>8800 Series</strong></td>
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<tr>
<td>8811</td>
<td>8841</td>
<td>8845</td>
<td>8851</td>
<td>8861</td>
</tr>
</tbody>
</table>

### Integralement 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

- Yes - 720p HD, H.264 AVC Camera; 80 degree FOV; 25 degree tilt up/down; manual shutter (privacy)
- No
- No
- 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

**CP-8811-K9= (Charcoal); CP-8811-3PCC-K9= Multiplatform Phone:**
- Gigabit Ethernet, Wideband Audio, Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud

**CP-8841-W-K9= (White); CP-8841-3PCC-K9= Multiplatform Phone:**
- Gigabit Ethernet, Wideband Audio, Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud

**CP-8845-K9= (Charcoal); CP-8845-W-K9= (White); CP-8845-3PCC-K9= Multiplatform Phone:**
- Gigabit Ethernet, Wideband Audio, Cisco Intelligently Proximized 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

**CP-8851-W-K9= (White); CP-8851-K9= (Charcoal); CP-8851-3PCC-K9= Multiplatform Phone:**
- Gigabit Ethernet, Wideband Audio, Cisco Intelligently Proximized 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

**CP-8861-W-K9= (White); CP-8861-K9= (Charcoal); CP-8861-3PCC-K9= Multiplatform Phone:**
- Gigabit Ethernet, Wideband Audio, Cisco Intelligently Proximized for Mobile Voice; USB Charging of Smartphone; IP Phone 8800 Key Expansion Module; Up to 3, 802.11a/b/g/n/ac Wi-Fi; Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud

### Handsfree

- Yes
- Yes
- Yes
- 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
- SIP
- SIP

### Supported Cisco Call Control Platform(s)

**CUCM:**
- 8.5.1 (non-secured mode), 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

**CP-8841-K9= (Charcoal); CP-8841-W-K9= (White); CP-8841-3PCC-K9= Multiplatform Phone:**
- Gigabit Ethernet, Wideband Audio, Mobile Remote Access without a VPN client through Cisco Expressway; Registration flexibility on premises or to Cisco Webex in the cloud

### 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-8841-K9= (Charcoal); CP-8841-W-K9= (White)
- CP-8845-K9= (Charcoal); CP-8845-W-K9= (White)
- CP-8851-K9= (Charcoal); CP-8851-W-K9= (White)
- CP-8861-K9= (Charcoal); CP-8861-W-K9= (White)

**CP-8811-3PCC-K9= Multiplatform Phone:**
- CP-8841-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)
- CP-8845-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)
- CP-8851-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)
- CP-8861-3PCC-K9= Multiplatform Phone (Cisco approved Service Providers)

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# Collaboration Room Systems

<table>
<thead>
<tr>
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<th>Immersive</th>
<th>IP Phones</th>
<th>Peripherals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8865</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>8821</strong></td>
<td></td>
<td></td>
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<tr>
<td><strong>8821-EX</strong></td>
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<tr>
<td><strong>8831 Conference Phone</strong></td>
<td></td>
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### Feature/Functionality

#### Integralswitch

<table>
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<tr>
<th>Feature/Functionality</th>
<th>10/101/1000</th>
<th>No</th>
<th>No</th>
<th>No</th>
</tr>
</thead>
</table>

#### 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
- 390 x 162 pixel-based, anti-glare graphical monochrome display with white backlight

#### Integrated Video

- Yes - 720p HD, H.264 AVC
- No
- No
- No

#### Touch Screen

- No
- No
- No
- No

#### Programmable (Soft) keys

- 4
- 2
- 2
- 1 line

#### Fixed Feature Keys

- 12
- 6
- 6
- 6
- 9

#### Advanced Features

- Gigabit Ethernet, Wideband Audio, Cisco Intelligent Proximity for Mobile Voico, USB Charging of Smartphone, IP Phone 8800 Key Expansion Module – Up to 3, 882-1/b/g/VoIP, 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 (802.11n)
- Simple Certificate Enrollment Protocol (SCEP)
- Atmospheres Explosibles (ATEX) Class 1, Zone 2
- CSA Division 1, Class 2
- Optional wired or wireless Digital Equipment Cordless Telephony (DECT) microphone kit
- Daisy-Chain Configuration

#### Handsfree

- 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

#### Signal 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

#### Codec

- G.711a, G.711u, G.729a, G.729b, G.729ab, G.722, Internet Low bitrate Codec (LBC) and OPUS
- G.711a, G.711u, G.729a, G.729b, G.722, Internet Low bitrate Codec (LBC)
- G.711a, G.711u, G.729a, G.729b, G.722, Internet Low bitrate Codec; (LBC), WAV and ISAC
- G.711a, G.711u, G.729a, G.729b, G.722, Internet Low Bitlet Rate Codec: (LBC), WAV and ISAC

#### Supported Cisco Call Control Platform(s)

- CUOM: 8.6.1 (non-secured mode), 8.6.2, 9.1.2, 10.0 and later
- 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
- CUOM: 8.5(2), 10.6(2), 11.0(1), and later
- Cisco Unified Survivable Remote Site Telephony (SRST): 10.0, 11.0, and later
- CME 10.0, 11.0, and later
- Cisco Hosted Collaboration Solution (HCS): 9.0, 10.0, 11.0, 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
- Available CQ YR 2017
- Available CQ YR 2017

#### PID

- CP-8865-K9+ (Charcoal)
- CP-8865-W-K9+ (White)
- CP-8821-K9-BUN: (includes phone in world mode, battery, power cord, power adaptor and country clip)
- CP-8821-K9+ - 8821 handset world only

#### Datasheet URL

<table>
<thead>
<tr>
<th>Feature/Functionality</th>
<th>8800 Series</th>
<th>Desk</th>
<th>Immersive</th>
<th>IP Phones</th>
<th>Peripherals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Integral Switch</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>3.9-inch (90 mm), 480 x 120 pixel-based, anti-glare graphical color display with white backlight</td>
<td>4.3-inch graphical (TFT) color display provides 16-bit color depth and 480 x 272 effective pixel resolution, with backlight</td>
<td>3.5-inch (90mm) 18-bit 320x480 pixel, backlit, anti-glare color display</td>
<td>3.5-inch (90mm) 18-bit 320x480 pixel, backlit, anti-glare color display</td>
<td>N/A</td>
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<tr>
<td><strong>Integrated Video</strong></td>
<td>No</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>Touch Screen</strong></td>
<td>No</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>Speakerphone</strong></td>
<td>Yes (full duplex, 360–degree coverage)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Number of Line keys</strong></td>
<td>1 line</td>
<td>18 physical keys per module; Second “page” of 18 keys via software + total of 36 keys per module</td>
<td>Per Module: 14; 28 with “page 2” via software</td>
<td>Per Module: 14 physical keys; 28 with “page 2” via software</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Programmable (Soft) keys</strong></td>
<td>4</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
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<tr>
<td><strong>Fixed Feature Keys</strong></td>
<td>8</td>
<td>2 - Page 1 and Page 2 keys</td>
<td>2: (Page 1 and Page 2 keys)</td>
<td>2: (Page 1 and Page 2 keys)</td>
<td>4</td>
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<tr>
<td><strong>Advanced Features</strong></td>
<td>Optional wired microphones, optional wireless DECT microphones (Q1-2QCY2018), Daisy-chain option (Q1-2QCY2018)</td>
<td>Supports third-party USB headsets via USB port; Cisco Session Line Mode (SLM) support</td>
<td>USB port for headsets and smartphone charging; Supports Session Line Mode (SLM) and Enhanced Line Mode (ELM)”</td>
<td>USB port for headsets and smartphone charging; Supports Session Line Mode (SLM) and Enhanced Line Mode (ELM)”</td>
<td>TFTP, HTTP, HTTPS, provisioning</td>
</tr>
<tr>
<td><strong>Handsfree</strong></td>
<td>Yes - Speakerphone</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
<td>N/A</td>
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<tr>
<td><strong>Message Waiting Indication</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Third Party XML Support</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>Headset Port</strong></td>
<td>No</td>
<td>USB</td>
<td>One side port (USB)</td>
<td>One side port (USB)</td>
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<td><strong>Signaling Protocol</strong></td>
<td>SIP</td>
<td>SIP</td>
<td>SIP</td>
<td>SIP</td>
<td>SIP</td>
</tr>
<tr>
<td><strong>PoE Classification</strong></td>
<td>Class 3</td>
<td>Class 4 with 8851/61/65 phones; Power Cube 4 also supported</td>
<td>Power drawn from IP phone</td>
<td>Power drawn from IP phone</td>
<td>No</td>
</tr>
<tr>
<td><strong>DHCP</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes: 66, 150, 159, 160</td>
<td>Yes</td>
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<tr>
<td><strong>802-1p/q</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Codecs</strong></td>
<td>G.711a, G.711u, G.722, G.729a, G.729b, G.729bc, H.263, H.264, H.264M, H.264S, AMR-WB, AMR-NB</td>
<td>N/A</td>
<td>N/A</td>
<td>G.711u/a, G.722, G.726-16, 24, 32, 40, 48, 64</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Supported Cisco Call Control Platform(s)</strong></td>
<td>CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later</td>
<td>CUCM 9.5(1) and later, and Cisco Unified Survivable Remote Site Telephony (SRT) 8.0 (with Cisco K9P Software Release 15. 15(1)) and later, Cisco Webex</td>
<td>CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later</td>
<td>CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later</td>
<td>CUCM, Business Edition 6000/7000: 10.5(2), 11.0(2), 11.5, 12.0 and later</td>
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<tr>
<td><strong>UC Manager Encryption Support (TLS/SRTP)</strong></td>
<td>Yes</td>
<td>Supported by IP Phone</td>
<td>Supported by IP Phone</td>
<td>Yes</td>
<td></td>
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<tr>
<td><strong>Notes</strong></td>
<td>Other regions’ availability, Wireless microphones, daisy chain option (Q1-2QCY2018)</td>
<td>Available Sept 2017</td>
<td>Available Sept 2017</td>
<td>8832 Conference Phone IP Phone 8800 Key Expansion Module for 8851, 8861, 8865</td>
<td>CP-8832-K9 (charcoal) CP-8832-W-K9 (white) (North America only)</td>
</tr>
</tbody>
</table>

**Datasheet URLs**
<table>
<thead>
<tr>
<th>Collaboration Room Systems</th>
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<tr>
<td><strong>SPA300 Series</strong></td>
<td>SPA500</td>
<td>SPA500 Series</td>
<td>SPA500 Series</td>
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<td>SPA303</td>
<td>SPA500G</td>
<td>SPA500DS</td>
<td>SPA501G</td>
<td>SPA502G</td>
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**Feature/Functionality**

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<tr>
<th><strong>Feature/Functionality</strong></th>
<th><strong>SPA303</strong></th>
<th><strong>SPA500G</strong></th>
<th><strong>SPA500DS</strong></th>
<th><strong>SPA501G</strong></th>
<th><strong>SPA502G</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Integral Switch</strong></td>
<td>Yes: 10/100</td>
<td>N/A</td>
<td>Yes: 10/100</td>
<td>Yes: 10/100</td>
<td>Yes: 10/100</td>
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<tr>
<td><strong>Display</strong></td>
<td>128 x 64 pix</td>
<td>N/A</td>
<td>128 x 320 pix (backlit)</td>
<td>N/A</td>
<td>128 x 64 pix (backlit)</td>
</tr>
<tr>
<td><strong>Integrated Video</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Touch Screen</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>Number of Line keys</strong></td>
<td>3</td>
<td>0</td>
<td>0 (coming in future release)</td>
<td>8</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Programmable (Soft) keys</strong></td>
<td>4</td>
<td>32</td>
<td>15 (second page to make 30 keys)</td>
<td>0</td>
<td>4</td>
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<tr>
<td><strong>Fixed Feature Keys</strong></td>
<td>7</td>
<td>0</td>
<td>11</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td><strong>Advanced Features</strong></td>
<td>TFTP, HTTP, HTTPS, provisioning</td>
<td>Provides call pickup (CP), speed dial (SD), and busy lamp field (BLF) support via XML configuration</td>
<td>Provides call pickup (CP), speed dial (SD), and busy lamp field (BLF) support via XML configuration</td>
<td>TFTP, HTTP, HTTPS, provisioning</td>
<td>TFTP, HTTP, HTTPS, provisioning</td>
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<tr>
<td><strong>Speakerphone</strong></td>
<td>Yes: Speakerphone</td>
<td>N/A</td>
<td>Yes: Speakerphone</td>
<td>Yes: Speakerphone</td>
<td>Yes: Speakerphone</td>
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<tr>
<td><strong>Message Waiting Indication</strong></td>
<td>Yes: N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Third Party XML Support</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>Yes</td>
<td>N/A</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Headset Port</strong></td>
<td>Yes: 2.5mm</td>
<td>N/A</td>
<td>Yes: 2.5mm</td>
<td>Yes: 2.5mm</td>
<td>Yes: 2.5mm</td>
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<tr>
<td><strong>Signaling Protocol</strong></td>
<td>SIP/SIPCP</td>
<td>Other Protocols Supported: SIP, TCP/IP, UDP, RTP, HTTP/HTTPS, ARQ/ ARQP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, RTP</td>
<td>Other Protocols Supported: SIP, TCP/IP, UDP, RTP, HTTP/HTTPS, ARQ/ ARQP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, RTP</td>
<td>SIP/SIPCP</td>
<td>Other Protocols Supported: SIP, TCP/IP, UDP, RTP, HTTP/HTTPS, ARQ/ ARQP, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, RTP</td>
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<tr>
<td><strong>802.3AF</strong></td>
<td>No</td>
<td>N/A powered by phone</td>
<td>N/A powered by phone</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Cisco Power</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>PoE Classification</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Class 2</td>
<td>Class 2</td>
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<tr>
<td><strong>802-1p/q</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Supported Cisco Call Control Platform(s)</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>UC Manager Encryption Support (TLS/SRTP)</strong></td>
<td>Yes</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Notes</strong></td>
<td>Add up to two per SPA5xx IP phone</td>
<td>Add up to two per SPA5xx IP phone</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</tbody>
</table>

**PID**

- SPA303-G1 (North America power adapter)
- SPA300-G2 (Europe power adapter)
- SPA303-G3 (UK power adapter)
- SPA303-G4 (Australia power adapter)

**Datasheet URL**


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<table>
<thead>
<tr>
<th>Feature/Functionality</th>
<th>SPA504G</th>
<th>SPA508G</th>
<th>SPA509G</th>
<th>SPA512</th>
<th>SPA514</th>
<th>SPA525G2</th>
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<tbody>
<tr>
<td><strong>Integrals Switch</strong></td>
<td>Yes: 10/100</td>
<td>Yes: 10/100</td>
<td>Yes: 10/100/1000</td>
<td>Yes: 10/100/1000</td>
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<td><strong>Display</strong></td>
<td>128 x 54 pixel (backlit)</td>
<td>128 x 64 pixel (backlit)</td>
<td>128 x 64 pixel (backlit)</td>
<td>128 x 64 pixel (backlit)</td>
<td>128 x 64 pixel (backlit)</td>
<td>320 x 240 pixel (backlit color)</td>
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<tr>
<td><strong>Integrated Video</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Touch Screen</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Speakerphone</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Number of Line keys</strong></td>
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<td>8</td>
<td>12</td>
<td>N/A</td>
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<td><strong>Programmable (Soft) keys</strong></td>
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<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
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<tr>
<td><strong>Fixed Feature Keys</strong></td>
<td>7</td>
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<tr>
<td><strong>Advanced Features</strong></td>
<td>TFTP, HTTP, HTTPS, provisioning</td>
<td>TFTP, HTTP, HTTPS, provisioning</td>
<td>TFTP, HTTP, HTTPS, provisioning</td>
<td>TFTP, HTTP, HTTPS, TR-069/TR-104/TR-111 provisioning, port mirroring for easy network tracing</td>
<td>TFTP, HTTP, HTTPS, TR-069/TR-104/TR-111 provisioning, port mirroring for easy network tracing</td>
<td>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</td>
</tr>
<tr>
<td><strong>Handsfree</strong></td>
<td>Yes: Speakerphone</td>
<td>Yes: Speakerphone</td>
<td>Yes: Speakerphone</td>
<td>Yes: Speakerphone</td>
<td>Yes: Speakerphone</td>
<td>Yes: Speakerphone, Bluetooth headset</td>
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<tr>
<td><strong>Message Waiting Indication</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Third Party XML Support</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Headset Port</strong></td>
<td>Yes: 2.5mm</td>
<td>Yes: 2.5mm</td>
<td>Yes: 2.5mm</td>
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<td>Yes: 2.5mm</td>
<td>Yes: 2.5mm</td>
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<td><strong>Signaling Protocol</strong></td>
<td>SIP/SCP</td>
<td>SIP/SCP</td>
<td>SIP/SCP</td>
<td>SIP/SCP</td>
<td>SIP/SCP</td>
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<tr>
<td><strong>Other Protocols Supported:</strong></td>
<td>SIP, TCP/IP, UTP, RTP, HTTPS, ARPS, RAPI, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP</td>
<td>SIP, TCP/IP, UTP, RTP, HTTPS, ARPS, RAPI, ICMP, DNS (A record, SRV, NAPTR), DHCP, TFTP, NTP</td>
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<tr>
<td><strong>802-3AF</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Cisco Power</strong></td>
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<td>No</td>
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<td>No</td>
<td>No</td>
<td>No</td>
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<td><strong>PoE Classification</strong></td>
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<td><strong>802-1q/p</strong></td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Supported Cisco Call Control Platform(s)</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>UC Manager Encryption Support (TLS/DTMP)</strong></td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>SPA509G</td>
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<td>SPA525G2</td>
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</tbody>
</table>
## Feature/Functionality

### Category
- **Peripherals**
- **Peripherals**
- **Peripherals**

### Key Features
- **Collaboration Room Systems Desk Immersive IP Phones**
- **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)

- **Cisco SpeakerTrack 60 Camera (SpeakerTrack 60):**
  - **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)

- **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)
  - **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**

### Video Frame Rate
- **N/A**
- **1920 x 1080 at 60 fps**
- **1920 x 1080 at 60 fps**

### Audio Standards
- **AAC-LD**
- **G.711**
- **G.722**
- **G.722.1**

### 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)**
- **1.06 x 10.6 x 6 in. (26.8 x 15.2 x 15.2 cm)**
- **Length: 10.6 in. (26.8 cm)**
- **Height: 6.4 in. (16.3 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
## Feature/Functionality

### Category
- **Peripherals**
- **Peripherals**
- **Peripherals**
- **Peripherals**

### Key Features
- **Precision 40 Camera**
  - 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
- **Precision 12X Camera**
  - Full 1080 HD
  - Upside-down mounting with automatic flipping of picture
  - 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
- **Touch 10**
  - Premium sound in a sleek form factor
  - Powerful noise isolation with unidirectional microphones that are designed to hone in on the user’s voice and simultaneously minimize background noise
  - Deep integrations with Cisco IP phones, Cisco DX Series endpoints, and Cisco soft clients
  - Lightweight comfort that is ideal for extended wear
- **IP Phones**

### Screens
- None
- None
- Capacitive touch LCD 10.1-inch diagonal

### Camera
- **Precision 40 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

### 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)
- 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
- **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
- **Height (at maximum tilt):** 6.0 inches (17.2 cm)
- **Width:** 8.7 inches (22 cm)
- **Depth:** 5.8 inches (14.7 cm)
- **Weight:** 3.95 lb (1.8kg)
- **Minimum height in lower position on the table:** 2.9 in (7.35 cm)

### PID
- **CTS-P40-K9**
- N/A
- CTS-CTRL-DV10=
- CP-HS-W-531-RJ=
- CP-HS-W-532-RJ=
- CP-HS-W-USBA=
- CP-HS-W-RJ=

### Datasheet URL

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