

## Cisco MX700 & MX800

Cisco MX700 and MX800 represent the performance line within Cisco's portfolio of integrated video collaboration room systems. They combine beautiful design and powerful functionality into an all-in-one solution for medium-to-large meeting rooms. These multipurpose systems will transform your meeting room into a video collaboration hub - whether for connecting teams across the globe or for local meetings. The MX700 and MX800 feature dual LED monitors for a people-only or people-and-content experience. The MX800 is also available with a single LED monitor for a people-focused solution.

The MX700 and MX800 support several sophisticated camera features to enable intelligent viewing capabilities within a video conference. You can choose from a powerful single camera or an intelligent dual-camera speaker-tracking solution; both cameras deliver the best possible video imaging with up to 1080p60 resolution. An industry-first feature – [PresenterTrack](#)<sup>1</sup> – supports automatic detection and tracking of the presenter at the front of a video conferencing room, dynamically following the presenter from seated to stand-up position within a defined trigger area so they can about more freely (requires additional [Cisco Precision 60 Camera](#)).

These room-based systems come standard with a built-in amplifier and speaker system for the ultimate high-fidelity sound. Premium resolution and dual display are also standard features on the MX700 and MX800. The intuitive Cisco Touch 10 control unit provides an ever so easy-to-use interface for both MX700 and MX800 systems.

Industry standards compliance lets the MX700 and MX800 support calls with any third party, standards-based system. And, as the industry's only H.265-ready systems, the MX700 and MX800 lay the foundation for future bandwidth efficiencies made possible by the new standard. The systems now support cloud registration to Cisco Webex for even faster and more cost effective deployment<sup>2</sup>.

**Figure 1.** Cisco MX700 Features Dual 55-inch Screens (Dual Camera Shown Is Available as an Option for Both the MX700 and MX800)



**Figure 2.** Cisco MX800 Single and Dual Options Feature One or Two 70-inch Screens



## Product Features

Table 1 summarizes the key features for the MX700 and MX800 systems.

**Table 1.** Feature Summary

Feature Summary	
<b>Design features</b>	<ul style="list-style-type: none"> <li>• One of the most powerful and feature-rich video systems available with the ultimate in video and audio quality</li> <li>• The next generation HD video collaboration codec</li> <li>• The next generation HD PTZ camera</li> <li>• Everything you need in one unit (screens, speakers, codec, camera, user interface, microphones, mounting)</li> <li>• Wallmount or floorstand (2 floorstand options included: freestanding and wall-secured floorstand)</li> <li>• Industry first built-in speaker tracking system as option</li> </ul>
<b>Application features</b>	<ul style="list-style-type: none"> <li>• Supports Cisco Intelligent Proximity for content sharing to mobile devices and wireless sharing from Macs and PCs<sup>3</sup></li> <li>• Supports Switched Conferencing (SVC) for enhanced layouts and enabling video on both screens of dual screen endpoints<sup>3</sup></li> <li>• Easily control room peripherals such as lights, room dividers, curtains, directly from the Cisco Touch 10 control unit through customizable API1 (requires external third-party control system processor)</li> <li>• 1080p30 HD embedded Cisco MultiSite with individual transcoding</li> <li>• Collaborate with four simultaneous video inputs</li> <li>• Receive notification of shared white board content on the Touch 10; participate in white boarding sessions from Cisco Webex Teams app</li> <li>• HD collaboration with 1080p60 main and 1080p30 content</li> <li>• Simplified meeting-join experience with One Button to Push (OBTP) for scheduled devices in Cisco Webex meetings, whether registered on-prem or to the cloud</li> <li>• Ideal for team-based collaboration, boardrooms, meeting rooms and video centric rooms</li> <li>• Dual presentation outside of a call (increase usage of system outside of a call - use the MX700 dual screens to compare 2 presentations/documents)</li> </ul>
<b>Performance features</b>	<ul style="list-style-type: none"> <li>• Optimal definition up to 1080p60</li> <li>• H.323/SIP up to 10 Mbps point-to-point</li> <li>• Up to 10 Mbps total MultiSite bandwidth</li> <li>• Ability to connect up to four HD sources and 8 microphones directly to the codec</li> <li>• Full duplex audio with high-quality stereo sound</li> <li>• Full Application Programming Interface (APIs)</li> <li>• Ability to take advantage of Cisco Total Solution Management, transcoded HD MultiSite, recording and streaming, Ad-hoc Conferencing, and firewall traversal</li> <li>• Cisco ClearPath packet loss protection technology for optimal experience</li> <li>• Cisco Unified Communications Manager native support (requires Cisco Unified Communications Manager version 8.6 or higher)</li> </ul>

<sup>3</sup>Supported on cloud-registered devices only

## Product Specifications

Table 2 lists the product specifications; Table 3 gives video and audio specifications; Table 4 gives network, security, and management specifications; and Table 5 gives ordering information for the Cisco MX700 and MX800.

**Table 2.** Product Specifications

<b>Software compatibility</b>	<p>Cisco MX700 and MX800 Single</p> <ul style="list-style-type: none"> <li>• Cisco TelePresence Software Version TC 7.2 or later</li> <li>• Cisco Collaboration Endpoint Software 8.0 or later</li> </ul> <p>Cisco MX800 Dual</p> <ul style="list-style-type: none"> <li>• Cisco TelePresence Software Version TC 7.3.1 or later</li> <li>• Cisco Collaboration Endpoint Software 8.0 or later</li> </ul>		
<b>Components</b>	<p>Fully integrated unit including:</p> <ul style="list-style-type: none"> <li>• Codec</li> <li>• Display</li> <li>• Camera (2 cameras as option; 2 cameras are standard for MX800 Dual)</li> <li>• Loudspeakers</li> </ul> <p>Cisco Table Microphone 60 (two microphones are included in base package)</p> <p>Cables included: DVI-I-to-VGA cable with Euroblock to 3.5-mm jack audio cable, HDMI to HDMI, LAN cable, and power cable</p>		
<b>Display</b>	<p>Cisco MX700:</p> <ul style="list-style-type: none"> <li>• 2x 55-in. (1.4m) TFT-LCD monitor, edge-lit LED</li> <li>• Resolution: 1920 x 1080 (16:9)</li> <li>• Contrast ratio: Typical 4000:1</li> <li>• Viewing angle: +/-178 deg</li> <li>• Response time: Typical 8 ms</li> <li>• Brightness: Typical 450 cd/m2</li> </ul>	<p>Cisco MX800 Single:</p> <ul style="list-style-type: none"> <li>• 70-inch TFT-LCD monitor, edge-lit LED</li> <li>• Resolution: 1920 x 1080 (16:9)</li> <li>• Contrast ratio: Typical 4000:1</li> <li>• Viewing angle: +/- 176 deg</li> <li>• Response time: Typical 8 ms</li> <li>• Brightness: 350 cd/m2</li> </ul>	<p>Cisco MX800 Dual:</p> <ul style="list-style-type: none"> <li>• 2x 70-inch TFT-LCD monitor, edge-lit LED</li> <li>• Resolution: 1920 x 1080 (16:9)</li> <li>• Contrast ratio: Typical 4000:1</li> <li>• Viewing angle: +/- 176 deg</li> <li>• Response time: Typical 8 ms</li> <li>• Brightness: 350 cd/m2</li> </ul>
<b>PC and second-source video input</b>	<ul style="list-style-type: none"> <li>• DVI-I</li> <li>• Two HDMI (if Dual camera option is installed, only one HDMI)</li> <li>• One standard definition (composite or S-video)</li> </ul>		
<b>Supported PC input resolutions</b>	SVGA (800 x 600) up to 1080p (1920 x 1080)		
<b>Camera overview</b>	<p>Cisco MX700 and MX800</p> <ul style="list-style-type: none"> <li>• 20x total zoom (10x optical, 2x digital zoom)</li> <li>• Motorized +12°/-14° tilt (+up, - down, camera POV), +60°/-90° pan (+ right, - left, camera POV)</li> <li>• 80° horizontal field of view</li> <li>• 48.8° vertical field of view</li> <li>• F 1.5</li> <li>• Resolutions: 1080p60 and 720p60</li> <li>• Automatic or manual focus, brightness, and white balance</li> <li>• Far-end camera control</li> <li>• Camera control over Ethernet</li> <li>• Focus distance 3.28 ft (1m) to infinity</li> </ul>		
<b>Audio system</b>	<ul style="list-style-type: none"> <li>• Integrated full-range multichannel and bass speakers</li> <li>• 200W amplifier system pr screen</li> <li>• See table 3 for codec audio capabilities</li> </ul>		
<b>User interface</b>	<p>Cisco Touch 10 control unit</p> <ul style="list-style-type: none"> <li>• 10 inch projected capacitive touch screen</li> <li>• Resolution: 1280 x 800</li> </ul>		
<b>Language support</b>	English, Arabic, Catalan, Czech, Danish, Dutch, Finnish, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese-Brazilian, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish.SW Version TC7		

<b>System management</b>	<ul style="list-style-type: none"> <li>• Support for the Cisco TelePresence Management Suite</li> <li>• Total management via embedded, Telnet, SSH, XML, and SOAP</li> <li>• Remote software upload via web server, SCP, HTTP, and HTTPS</li> <li>• One RS-232 for local control and diagnostics</li> <li>• Support for Cisco Touch 10</li> </ul>
<b>Directory services</b>	<ul style="list-style-type: none"> <li>• Support for local directories (My Contacts)</li> <li>• Corporate directory (through CUCM and Cisco TMS)</li> <li>• Server directory supporting LDAP and H.350 (requires Cisco TelePresence Management Suite)</li> <li>• Call History with received, placed and missed calls with date and time</li> </ul>
<b>Power</b>	<p><b>MX700</b></p> <ul style="list-style-type: none"> <li>• Auto-sensing power supply</li> <li>• 100-240 VAC, 50/60 Hz</li> <li>• Standby Power Consumption single cam/dual cam: 129W/140W</li> <li>• Average Power Consumption single cam/dual cam: 547W/560W*</li> <li>• Max Power Consumption single cam/dual cam: 567W/580W</li> </ul> <p><b>MX800 Single</b></p> <ul style="list-style-type: none"> <li>• Auto-sensing power supply</li> <li>• 100-240 VAC, 50/60 Hz</li> <li>• Standby Power Consumption single cam/dual cam: 106W/118W</li> <li>• Average Power Consumption single cam/dual cam: 320W/333W*</li> <li>• Max Power Consumption single cam/dual cam: 340W/353W</li> </ul> <p><b>MX800 Dual</b></p> <ul style="list-style-type: none"> <li>• Auto-sensing power supply</li> <li>• 100-240 VAC, 50/60 Hz</li> <li>• Standby Power Consumption dual cam: 157W</li> <li>• Average Power Consumption dual cam: 571W*</li> <li>• Max Power Consumption dual cam: 591W</li> </ul> <p>* Power consumption under normal operating conditions as defined in IEC 60950-1</p>
<b>Temperature and humidity range</b>	<ul style="list-style-type: none"> <li>• 0 to 40° (32 to 104° F) ambient temperature</li> <li>• 10 to 90% Relative Humidity (RH)</li> <li>• Storage and transport temperature at RH 10-90% (noncondensing): -4 to 140°F (-20 to 60°C)</li> </ul>
<b>Dimensions</b>	<p><b>MX700</b></p> <ul style="list-style-type: none"> <li>• Width: 99.09" in. (251.7 cm)</li> <li>• Height freestand: 64.33" in (163.4 cm)</li> <li>• Height wallmount: 42.17" in (107.1 cm)</li> <li>• Depth freestand: 4.76" in, 36.22" incl. ski (12.1 cm system, 92.0 cm incl. ski)</li> <li>• Depth wallmount: 5.83" in (14.8 cm)</li> <li>• Weight Single Camera <ul style="list-style-type: none"> <li>◦ Complete with freestanding floorstand: 341 lbs (155 kg)</li> <li>◦ Complete with wall-secured floorstand: 341 lbs (155 kg)</li> <li>◦ Complete with wallmount: 355 lbs (161 kg)</li> </ul> </li> <li>• Weight Dual Camera <ul style="list-style-type: none"> <li>◦ Complete with freestanding floorstand: 355 lbs (161 kg)</li> <li>◦ Complete with wall-secured floorstand: 355 lbs (161 kg)</li> <li>◦ Complete with wallmount: 368 lbs (167 kg)</li> </ul> </li> </ul> <p><b>MX800 Single</b></p> <ul style="list-style-type: none"> <li>• Width: 62.83" in. (159.6 cm)</li> <li>• Height freestand: 71.69" in (182.1 cm)</li> <li>• Height wallmount: 49.52" in (125.8 cm)</li> <li>• Depth freestand: 4.76" in, 36.22" incl. ski (12.1 cm system, 92.0 cm incl. ski)</li> <li>• Depth wallmount: 5.87" in (14.9 cm)</li> <li>• Weight single camera <ul style="list-style-type: none"> <li>◦ Complete with freestanding floorstand: 247 lbs (112 kg)</li> <li>◦ Complete with wall-secured floorstand: 242 lbs (110 kg)</li> <li>◦ Complete with wallmount: 242 lbs (110 kg)</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Weight Dual Camera <ul style="list-style-type: none"> <li>◦ Complete with freestanding floorstand: 260 lbs (118 kg)</li> <li>◦ Complete with wall-secured floorstand: 256 lbs (116 kg)</li> <li>◦ Complete with wallmount: 256 lbs (116 kg)</li> </ul> </li> </ul> <p>MX800 Dual</p> <ul style="list-style-type: none"> <li>• Width: 124.77" in. (316.9 cm)</li> <li>• Height freestanding: 71.69" in (182.1 cm)</li> <li>• Height wallmount: 49.52" in (125.8 cm)</li> <li>• Depth freestanding: 4.76" in, 36.22" incl. ski (12.1 cm system, 92.0 cm incl. ski)</li> <li>• Depth wallmount: 5.87" in (14.9 cm)</li> <li>• Weight Dual Camera <ul style="list-style-type: none"> <li>◦ Complete with freestanding floorstand: 481 lbs (218 kg)</li> <li>◦ Complete with wall-secured floorstand: 481 lbs (218 kg)</li> <li>◦ Complete with wallmount: 494 lbs (224 kg)</li> </ul> </li> </ul>
<b>Physical dimensions and weight of packaging</b>	<p>MX700</p> <ul style="list-style-type: none"> <li>• Height: 62.21" in (158.0 cm)</li> <li>• Width: 30.52" in (77.5 cm)</li> <li>• Depth: 61.70" in (156.7 cm)</li> <li>• Weight Single Camera: 498 lbs (226 kg)</li> <li>• Weight Dual Camera: 511 lbs (232 kg)</li> </ul> <p>MX800 Single</p> <ul style="list-style-type: none"> <li>• Height: 59.06" in (150.0 cm)</li> <li>• Width: 26.38" in (67.0 cm)</li> <li>• Depth: 72.84" in (185.0 cm)</li> <li>• Weight Single Camera: 362 lbs (164 kg)</li> <li>• Weight Dual Camera: 375 lbs (170 kg)</li> </ul> <p>MX800 Dual</p> <ul style="list-style-type: none"> <li>• Height: 59.06" in (150.0 cm)</li> <li>• Width: 34.65" in (88.0 cm)</li> <li>• Depth: 72.84" in (185.0 cm)</li> <li>• Weight Dual Camera: 660 lbs (299 kg)</li> </ul>
<b>Approvals and compliance</b>	<ul style="list-style-type: none"> <li>• Directive 2006/95/EC (Low-Voltage Directive) - Standard EN 60950-1</li> <li>• Directive 2004/108/EC (EMC Directive) - Standard EN 55022, Class A - Standard EN 55024 - Standard EN 61000-3-2/-3-3</li> <li>• Directive 2011/65/EU (RoHS)</li> <li>• Approved according to UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07</li> <li>• Compliance with FCC15B Class A</li> </ul>

## Product Capabilities

Table 3 lists the product capability specifications for the MX codec.

**Table 3.** Product Specifications

Specification	Description
<b>Product delivered complete with</b>	<ul style="list-style-type: none"> <li>• One mounting option, single or dual camera option (MX800 Dual – is only available with dual camera), Cisco Touch 10, MX Codec, complete audio system, 2x Cisco Mic 60, 2 presentation cables</li> </ul>
<b>Bandwidth</b>	<ul style="list-style-type: none"> <li>• H.323/SIP up to 10 Mbps point-to-point</li> <li>• Up to 10 Mbps total MultiSite bandwidth</li> </ul>
<b>Minimum bandwidth for resolution/frame rate (H.264)</b>	<ul style="list-style-type: none"> <li>• 720p30 from 768 kbps</li> <li>• 720p60 from 1152 kbps</li> <li>• 1080p30 from 1472 kbps</li> <li>• 1080p60 from 2560 kbps</li> </ul>
<b>Firewall traversal</b>	<ul style="list-style-type: none"> <li>• Cisco Expressway technology</li> <li>• H.460.18 and H.460.19 firewall traversal</li> </ul>
<b>Video standards</b>	<ul style="list-style-type: none"> <li>• H.261, H.263, H.263+, H.264 and H.265 (SIP only for H.265)</li> </ul>

Specification	Description
<b>Video features</b>	<ul style="list-style-type: none"> <li>• Advanced screen layouts</li> <li>• Custom video layouts</li> <li>• Local auto layout</li> </ul>
<b>Video inputs (five inputs)</b>	<p><b>Three HDMI Inputs; supported formats:</b></p> <ul style="list-style-type: none"> <li>• 1920 x 1080@60 and 59.94 Hz (1080p60)</li> <li>• 1920 x 1080@50 Hz (1080p50)</li> <li>• 1920 x 1080@30 and 29.97 Hz (1080p30)</li> <li>• 1920 x 1080@25 Hz (1080p25)</li> <li>• 1920 x 1080@24, and 23.97 Hz (1080p24)</li> <li>• 1280 x 720@60, and 59.94 Hz (720p60)</li> <li>• 1280 x 720@50 Hz (720p50)</li> <li>• 720 x 480@60, and 59.94 Hz (480p60)</li> <li>• 640 x 480@60 Hz (480p60)</li> <li>• 1280 x 1024@60, and 75 Hz (SXGA)</li> <li>• 1024 x 768@60, 70, 75, and 85 Hz (XGA)</li> <li>• 800 x 600@56, 60, 72, 75, and 85 Hz (SVGA)</li> <li>• 1680 x 1050@60 Hz (WSXGA+)</li> <li>• 1440 X 900@60 Hz (WXGA+)</li> <li>• 1280 x 768@60 Hz (WXGA)</li> <li>• 1920 x 1200@60 Hz (WUXGA)<sup>2</sup></li> <li>• 1920 x 1200@50 Hz (WUXGA)<sup>2</sup></li> </ul> <p><b>One DVI-I Input; supported formats:</b></p> <p><b>Analog (VGA):</b></p> <ul style="list-style-type: none"> <li>• 1920 x 1080@60 Hz (1080p)</li> <li>• 1280 x 720@60 Hz (720p)</li> <li>• 1280 x 1024@60 and 75 Hz (SXGA)</li> <li>• 1280 x 960@60 Hz</li> <li>• 1024 x 768@60, 70, 75, and 85 Hz (XGA)</li> <li>• 1680 x 1050@60 Hz (WSXGA+)</li> <li>• 1440 x 900@60 Hz (WXGA+)</li> <li>• 1280 x 800@60 Hz (WXGA)</li> <li>• 1280 x 768@60 Hz (WXGA)</li> </ul> <p><b>Digital (DVI-D):</b></p> <ul style="list-style-type: none"> <li>• 1920 x 1080@60, 59.94 Hz (1080p60)</li> <li>• 1920 x 1080@50 Hz (1080p50)</li> <li>• 1920 x 1080@30, 29.97 Hz (1080p30)</li> <li>• 1920 x 1080@25 Hz (1080p25)</li> <li>• 1920 x 1080@24, 23.97 Hz (1080p24)</li> <li>• 1280 x 720@60, 59.94 Hz (720p60)</li> <li>• 1280 x 720@50 Hz (720p50)</li> <li>• 720 x 480@60, 59.94 Hz (480p60)</li> <li>• 640 x 480@60 Hz (480p60)</li> <li>• 1280 x 1024@60, 75 Hz (SXGA)</li> <li>• 1024 x 768@60, 70, 75, 85 Hz (XGA)</li> <li>• 800 x 600@56, 60, 72, 75, 85 Hz (SVGA)</li> <li>• 1680 x 1050@60 Hz (WSXGA+)</li> <li>• 1440 X 900@60 Hz (WXGA+)</li> <li>• 1280 x 768@60 Hz (WXGA)</li> <li>• 1920 x 1200@60 Hz (WUXGA)<sup>2</sup></li> <li>• 1920 x 1200@50 Hz (WUXGA)<sup>2</sup></li> </ul> <p><b>One Composite/S-video Input (BNC Connectors)</b></p> <ul style="list-style-type: none"> <li>• PAL/NTSC</li> </ul> <p>HDMI input 1 is used for Main Camera (included in base package)  HDMI input 2 is used in addition if Speaker Track Option (2<sup>nd</sup> camera) is installed  Extended Display Identification Data (EDID)</p>

Specification	Description
<b>Video outputs (three outputs)</b>	<p><b>Two HDMI Outputs and one DVI-I Output; supported formats:</b></p> <ul style="list-style-type: none"> <li>• 1920 x 1080@60 Hz (1080p60)</li> <li>• 1920 x 1080@50 Hz (1080p50)</li> <li>• 1280 x 720@60 Hz (720p60)</li> <li>• 1280 x 720@50 Hz (720p50)</li> <li>• 1920 x 1200@60 Hz (WUXGA)<sup>2</sup></li> <li>• 1920 x 1200@50 Hz (WUXGA)<sup>2</sup></li> </ul> <p>MX700: HDMI output 1 &amp; 2 are in use with the 2 screens  MX800: HDMI output 1 is in use with the screen  VESA Monitor Power Management  Extended Display Identification Data (EDID)</p>
<b>Live video resolutions (encode and decode)</b>	<ul style="list-style-type: none"> <li>• 176 x 144@30 frames per second (fps) (QCIF)</li> <li>• 352 x 288@30 fps (CIF)</li> <li>• 512 x 288@30 fps (w288p)</li> <li>• 576 x 448@30 fps (448p)</li> <li>• 768 x 448@30 fps (w448p)</li> <li>• 704 x 576@30 fps (4CIF)</li> <li>• 1024 x 576@30 fps (w576p)</li> <li>• 1280 x 720@30 fps (720p30)</li> <li>• 1920 x 1080@30 fps (1080p30)</li> <li>• 1920 x 1200@15fps (WUXGA)<sup>3</sup></li> <li>• 640 x 480@30 fps (VGA)</li> <li>• 800 x 600@30 fps (SVGA)</li> <li>• 1024 x 768@30 fps (XGA)</li> <li>• 1280 x 1024@30 fps (SXGA)</li> <li>• 1280 x 768@30 fps (WXGA)</li> <li>• 1440 x 900@30 fps (WXGA+)</li> <li>• 1680 x 1050@30 fps (WSXGA+)</li> <li>• 512 x 288@60 fps (w288p60)</li> <li>• 768 x 448@60 fps (w448p60)</li> <li>• 1024 x 576@60 fps (w576p60)</li> <li>• 1280 x 720@60 fps (720p60)</li> <li>• 1920 x 1080@60 fps (1080p60)</li> </ul>
<b>Audio standards</b>	<ul style="list-style-type: none"> <li>• G.711, G.722, G.722.1, G.729AB, 64 kbps and 128 kbps MPEG4 AAC-LD mono and stereo, OPUS</li> </ul>
<b>Audio features</b>	<ul style="list-style-type: none"> <li>• CD-quality 20 kHz mono and stereo</li> <li>• Eight separate acoustic echo cancellers</li> <li>• Eight-port audio mixer</li> <li>• Automatic Gain Control (AGC)</li> <li>• Automatic noise reduction</li> <li>• Active lip synchronization</li> </ul>
<b>Audio inputs (fifteen inputs)</b>	<ul style="list-style-type: none"> <li>• Eight microphones, 48V phantom powered, Euroblock connector, each with separate echo cancellers and noise reduction; all microphones can be set for balanced line level (2 Microphones included in base package)</li> <li>• Four balanced line level inputs, Euroblock connector (one balanced line level input used when VGA-DVI presentation cable is used)</li> <li>• Three HDMI, digital: stereo PC/DVD input (one HDMI audio input used when HDMI-HDMI presentation cable is used)</li> </ul>
<b>Audio outputs (eight outputs)</b>	<ul style="list-style-type: none"> <li>• Six balanced line level outputs, Euroblock connector</li> <li>• Two HDMI outputs (MX700: Both HDMI audio outputs are used for the 2 screens. MX800: One HDMI audio output is used for the screen)</li> </ul>
<b>Dual stream</b>	<ul style="list-style-type: none"> <li>• H.239 (H.323) dual stream</li> <li>• BFCP (SIP) dual stream</li> <li>• Support for resolutions up to 1080p30/WUXGA, and independent of main stream resolution</li> </ul>

Specification	Description
<b>Multipoint support</b>	<ul style="list-style-type: none"> <li>• Five way embedded SIP/H.323 multipoint (reference MultiSite, available as an option)</li> <li>• Cisco ad-hoc conferencing (requires CUCM, Cisco TelePresence Server and Conductor)</li> <li>• Cisco Conferencing Active Control</li> <li>• Switched conferencing (SVC)<sup>3</sup></li> </ul>
<b>MultiSite features (embedded multipoint, available as option)</b>	<ul style="list-style-type: none"> <li>• Five way 720p30 High Definition, three or four way 1080p30</li> <li>• Full individual audio and video transcoding</li> <li>• Individual layouts in MultiSite continuous presence</li> <li>• H.323/SIP/VoIP in the same conference</li> <li>• Support for Presentation (H.239/BFCP) from any participant at resolutions up to 1080p15</li> <li>• H.264, encryption, and dual stream from any site</li> <li>• Additional telephone call (no license required)</li> <li>• IP downspeeding</li> <li>• Dial in and dial out</li> <li>• Conference rates up to 10 Mbps</li> </ul>
<b>Protocols</b>	<ul style="list-style-type: none"> <li>• H.323</li> <li>• SIP</li> <li>• Dual call stack support, H323 and SIP registration</li> <li>• ISDN (requires Cisco ISDN Link)</li> </ul>
<b>Embedded encryption</b>	<ul style="list-style-type: none"> <li>• H.323/SIP point-to-point and MultiSite</li> <li>• Standards-based: H.235 v3 and Advanced Encryption Standard (AES)</li> <li>• Automatic key generation and exchange</li> <li>• Supported in dual stream</li> </ul>
<b>IP network features</b>	<ul style="list-style-type: none"> <li>• DNS lookup for service configuration</li> <li>• Differentiated Services (QoS)</li> <li>• IP adaptive bandwidth management (including flow control)</li> <li>• Auto gatekeeper discovery</li> <li>• Dynamic playout and lip-sync buffering</li> <li>• H.245 DTMF tones in H.323</li> <li>• Date and Time support via NTP</li> <li>• Packet Loss based downspeeding</li> <li>• URI Dialing</li> <li>• TCP/IP</li> <li>• DHCP</li> <li>• 802.1x Network authentication</li> <li>• 802.1Q Virtual LAN</li> <li>• 802.1p (QoS and class of service [CoS])</li> <li>• ClearPath</li> </ul>
<b>Call control</b>	<ul style="list-style-type: none"> <li>• Cisco Unified Communications Manager (CUCM) <ul style="list-style-type: none"> <li>◦ Native registration with CUCM</li> <li>◦ Requires CUCM Version 8.6(2) or later with device pack for MX700/MX800</li> <li>◦ Basic CUCM provisioning</li> <li>◦ Firmware upgrade from CUCM</li> <li>◦ Cisco Discovery Protocol and DHCP option 150 support</li> <li>◦ Basic telephony features such as hold, resume, transfer, and corporate directory lookup</li> </ul> </li> <li>• Cisco Video Communication Server (VCS) <ul style="list-style-type: none"> <li>◦ Native registration with VCS</li> </ul> </li> <li>• Cisco Webex</li> <li>• Third-party H.323 Gatekeepers and standards-based SIP proxies</li> </ul>
<b>IPv6 network support</b>	<ul style="list-style-type: none"> <li>• Dual-stack IPv4 and IPv6 for DHCP, Secure Shell (SSH), HTTP, Secure HTTP (HTTPS), DNS, and Differentiated Services (DiffServ)</li> <li>• Support for both static and autoconfiguration (stateless address auto configuration)</li> </ul>



Specification	Description
<b>Security features</b>	<ul style="list-style-type: none"> <li>• Management through HTTPS and SSH</li> <li>• IP administration password</li> <li>• Menu administration password</li> <li>• Disable IP services</li> <li>• Network settings protection</li> </ul>
<b>Certificate management</b>	<ul style="list-style-type: none"> <li>• Certificate Authority Proxy Function (CAPF) support for additional security</li> <li>• Manufacturer-Installed Certificates (MIC)</li> <li>• Locally Significant Certificates (LSC)</li> <li>• X.509 Digital Certificates (DER encoded binary); both DER and Base-64 formats are acceptable for the client and server certificates; certificates with a key size of 1024, 2048, and 4096 are supported</li> </ul>
<b>Network interfaces</b>	<ul style="list-style-type: none"> <li>• One LAN/Ethernet (RJ-45) 10/100/1000 Mbit</li> <li>• Two LAN/Ethernet (RJ-45) interfaces to be used for Cisco TelePresence Peripherals</li> </ul>
<b>Other interfaces</b>	<ul style="list-style-type: none"> <li>• Two USB host for future usage</li> <li>• GPIO</li> </ul>

<sup>1</sup> Requires Collaboration Endpoint Software 8.1 or later

<sup>2</sup> Requires Collaboration Endpoint Software 8.2 or later

<sup>3</sup> Requires Collaboration Endpoint Software 8.0 or later

## Ordering Information

To place an order, please contact your local Cisco representative and refer to Table 4.

**Table 4.** Ordering Information

Product Name	Part Number	Compliance Model Number
<b>Cisco MX700 dual 55", single camera option</b> (comes with Cisco Touch 10, 2 microphones, 2 presentation cables, HDMI and VGA, and power cable)	CTS-MX700D-1CAM-K9	TTC60-17
<b>Cisco MX700 dual 55", dual camera option</b> (comes with Cisco Touch 10, 2 microphones, 2 presentation cables, HDMI and VGA, and power cable)	CTS-MX700D-2CAM-K9	TTC60-17
<b>Ordering Options for the Cisco MX700</b>		
<b>Cisco MX700 dual 55" Floor Stand Kit</b> freestand or secured to the (both options included)	CTS-MX700-D-FSK	
<b>Cisco MX700 dual 55" Wall Mount Kit - hangs on wall</b>	CTS-MX700-D-WMK	
<b>MX700 MultiSite Software Option</b>	LIC-MX700-MS	
Product Name		
<b>Cisco MX800 single 70", single camera option</b> (both options comes with Cisco Touch 10, 2 microphones, 2 presentation cables, HDMI and VGA, and power cable)	CTS-MX800S-1CAM-K9	TTC60-18
<b>Cisco MX800 single 70", dual camera option – Subscription pricing (MSRP<sup>1</sup>)</b>	CS-MX800S-2CAM-K9	TTC60-18
<b>Cisco MX800 single 70", dual camera option – Upfront pricing (GPL<sup>2</sup>)</b> (both options come with Cisco Touch 10, 2 microphones, 2 presentation cables, HDMI and VGA, and power cable)	CTS-MX800S-2CAM-K9	
<b>Ordering Options for the Cisco MX800 Single</b>		
<b>Cisco MX800 70" Single Screen Floor Stand Kit</b> freestand or secured to the wall (both options included)	CTS-MX800-S-FSK	
<b>Cisco MX800 Single Screen Wall Mount Kit - hangs on wall</b>	CTS-MX800-S-WMK	
<b>MX800 MultiSite Software Option</b>	LIC-MX800-MS	

Product Name	Part Number	Compliance Model Number
<b>Cisco MX800 dual 70", dual cameras – Subscription pricing (MSRP<sup>1</sup>)</b> <b>Cisco MX800 dual 70", dual cameras – Upfront pricing (GPL<sup>2</sup>)</b> (comes with Cisco Touch 10, 2 microphones, 2 presentation cables, HDMI and VGA, and power cable)	CS-MX800D-2CAM-K9 CTS-MX800D-2CAM-K9	TTC60-18
<b>Ordering Options for the Cisco MX800 Dual</b>		
<b>Cisco MX800 dual 70" Screen Floor Stand Kit</b> freestand or secured to the wall (both options included)	CTS-MX800-D-FSK	
<b>Cisco MX800 dual 70" Screen Wall Mount Kit - hangs on wall</b>	CTS-MX800-D-WMK	
<b>MX800 MultiSite Software Option</b>	LIC-MX800-MS	

<sup>1</sup> MSRP = Manufacturer's Suggested Retail Price

<sup>2</sup> GPL = Global Price List

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<https://www.cisco.com/go/telepresenceservices>.

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