

## Cisco TelePresence System Profile 52-inch Single and Dual



The Cisco TelePresence™ portfolio creates an immersive, face-to-face experience over the network—empowering you to collaborate with others like never before. Through a powerful combination of technologies and design that allows you and remote participants to feel as if you are all in the same room, the Cisco TelePresence portfolio has the potential to provide great productivity benefits and transform your business. Many organizations are already using it to control costs, make decisions faster, improve customer intimacy, scale scarce resources, and speed products to market.

### Product Overview

The Cisco Telepresence System Profile 52-inch Single and Dual is the next-generation team-collaboration video solution with 1080p high-definition (HD) resolution. It brings colleagues face-to-face at the touch of a finger through a user-friendly touch interface. With these systems you can easily share presentations and multimedia to inspire ideas and generate better discussions. The Cisco Telepresence System Profile 52-inch Single comes in two performance configurations, the codec C40 and codec C60 configuration, while the Cisco Telepresence System Profile 52-inch Dual has one performance configuration, the codec C60.



### Cisco TelePresence Profile 52-inch Features

Table 1 summarizes the key features of the Cisco TelePresence Profile 52-inch Single and Dual.

**Table 1.** Cisco TelePresence Profile 52-inch Feature Summary

Feature Summary	
<b>Design features</b>	<ul style="list-style-type: none"> <li>• Exclusive Scandinavian design with a clean, sleek look from all angles</li> <li>• Fully integrated system with 1080p widescreen LCD, and Cisco TelePresence Precision HD Camera (1080p)</li> <li>• Ideal camera and display height for natural communication</li> <li>• Use of recyclable aluminum materials to support our commitment to the environment</li> <li>• Ease of use with the Cisco Telepresence touch screen user interface.</li> </ul>
<b>Application features</b>	<ul style="list-style-type: none"> <li>• 4-way 720p30 (C60) or w576p30 (C40) HD embedded Cisco TelePresence MultiSite (MultiSite) with Individual Transcoding</li> <li>• Clear, smooth HD collaboration with WUXGA** (C60) or WXGA (C40) and full 1080p HD with superior motion handling</li> </ul>
<b>Performance features</b>	<ul style="list-style-type: none"> <li>• Choice of network up to 6 Mbps point-to-point (H.323/SIP) / up to 10 Mbps MultiSite (H.323/SIP)</li> <li>• Optimal definition — resolutions up to full 1080p and support 60 fps up to 720p</li> <li>• 5x (C60) or 4x (C40) Video Inputs/Outputs</li> <li>• 4x (C60) or 2x (C40) XLR audio input with individual echo canceller</li> </ul>

### Flexible Options

The system offers two display options: a single 52" LCD or dual 52" LCD.

The system offers three base options: A standalone option with a foot attachment, a wheel base for mobility (only on single), or a wall-mount kit for a smaller footprint.

### Product Capabilities

Table 2 lists the capability specifications for the Cisco TelePresence Profile 52-inch.

**Table 2.** Product Specifications

Specification	Description
<b>Unit Delivered Complete With:</b>	<ul style="list-style-type: none"> <li>• Full HD LCD display, Cisco TelePresence Codec C60/C40, Cisco Telepresence touch screen UI, remote control, a Cisco TelePresence Precision HD Camera (1080p), Microphones (2x/3x with single screen; 4x with dual screen), Digital Audio Module, integrated speakers and integrated cabling</li> </ul>
<b>Monitor</b>	<ul style="list-style-type: none"> <li>• Available with:</li> <li>• 52" Full HD LCD, 16:9, 1080 x 1920 resolution</li> <li>• Dual monitor option includes 52" Full HD LCD monitors</li> </ul>

Specification	Description
<b>Base</b>	<ul style="list-style-type: none"> <li>• Available with:                             <ul style="list-style-type: none"> <li>◦ Floor standing footplate</li> <li>◦ Wheel base (only available on 52-inch single)</li> <li>◦ Wall mount on pedestal</li> </ul> </li> </ul>
<b>Bandwidth</b>	<ul style="list-style-type: none"> <li>• H.323/SIP up to 6 Mbps point-to-point</li> <li>• H.323/SIP up to 10 Mbps MultiSite*</li> </ul>
<b>Firewall Traversal</b>	<ul style="list-style-type: none"> <li>• Cisco Telepresence 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</li> </ul>
<b>Video Features</b>	<ul style="list-style-type: none"> <li>• Native 16:9 Widescreen</li> <li>• Advanced Screen Layouts</li> <li>• Intelligent Video Management</li> <li>• Local Auto Layout</li> </ul>
<b>Video Input — Live Video Resolution</b>	
<b>Video Input (5 inputs – C60)</b> <b>(4 inputs – C40)</b>	<p><b>2X HDMI Inputs, Supported Formats:</b></p> <ul style="list-style-type: none"> <li>• 1920x1080@60, 59.94 Hz (1080p60)</li> <li>• 1920x1080@50 Hz (1080p50)</li> <li>• 1920x1080@30, 29.97 Hz (1080p30)</li> <li>• 1920x1080@25 Hz (1080p25)</li> <li>• 1920x1080@24, 23.97 Hz (1080p24)</li> <li>• 1280x720@60, 59.94 Hz (720p60)</li> <li>• 1280x720@50 Hz (720p50)</li> <li>• 720x480@60, 59.94 Hz (480p60)</li> <li>• 640x480@60 Hz (480p60)</li> <li>• 1600x1200@50, 60 Hz (UXGA)</li> <li>• 1280x1024@60, 75 Hz (SXGA)</li> <li>• 1024x768@60, 70, 75, 85 Hz (XGA)</li> <li>• 800x600@56, 60, 72, 75, 85 Hz (SVGA)</li> <li>• 1920x1200@50, 60 Hz (WUXGA)</li> <li>• 1680x1050@60 Hz (WSXGA+)</li> <li>• 1440x900@60 Hz (WXGA+)</li> <li>• 1280x768@60 Hz (WXGA)</li> </ul> <p><b>2x(C60) or 1x(C40) DVI-I Inputs, Supported Formats:</b></p> <p>Analog (VGA):</p> <ul style="list-style-type: none"> <li>• 1920x1080@60 Hz (1080p)</li> <li>• 1280x720@60 Hz (720p)</li> <li>• 1600x1200@60 Hz (UXGA)</li> <li>• 1280x1024@60, 75 Hz (SXGA)</li> <li>• 1280x960@60 Hz</li> <li>• 1024x768@60, 70, 75, 85 Hz (XGA)</li> <li>• 1920x1200@50 Hz (WUXGA)</li> <li>• 1680x1050@60 Hz (WSXGA+)</li> <li>• 1440x900@60 Hz (WXGA+)</li> <li>• 1280x800@60 Hz (WXGA)</li> <li>• 1280x768@60 Hz (WXGA)</li> </ul> <p>Analog (YPbPr)</p> <ul style="list-style-type: none"> <li>• 1920x1080@60 Hz (1080p60)</li> <li>• 1920x1080@50 Hz (1080p50)</li> <li>• 1920x1080@30 Hz (1080p30)</li> <li>• 1920x1080@25 Hz (1080p25)</li> <li>• 1280x720@60 Hz (720p60)</li> <li>• 1280x720@50 Hz (720p50)</li> <li>• 1280x720@30 Hz (720p30)</li> <li>• 720x576@50 Hz (576p50)</li> <li>• 720x480@60 Hz (w480p60)</li> </ul> <p>Digital (DVI-D):</p> <ul style="list-style-type: none"> <li>• Same as HDMI, ref. above</li> </ul>

Specification	Description
	<b>1x S-video/Composite Input (BNC Connectors):</b> <ul style="list-style-type: none"> <li>• PAL/NTSC</li> <li>• Extended Display Identification Data (EDID)</li> </ul>
<b>Video Output (3 Outputs C60) (2 Outputs C40)</b>	<b>1x HDMI, 1x DVI-I Output, Supported Formats:</b> <ul style="list-style-type: none"> <li>• 1920x1080@60 Hz (1080p60)</li> <li>• 1280x720@60 Hz (720p60)</li> <li>• 1600x1200@60 Hz (UXGA)</li> <li>• 1280x1024@60 Hz (SXGA)</li> <li>• 1024x768@60 Hz (XGA)</li> <li>• 800x600@60 Hz (SVGA)</li> <li>• 640x480@60 Hz (VGA)</li> <li>• 1920x1200@60 Hz (WUXGA)</li> <li>• 1366x768@60 Hz</li> <li>• 1360x768@60 Hz</li> <li>• 1280x768@60 Hz (WXGA)</li> </ul> <b>1X Composite Output (BNC Connector) (only on codec C60)</b> <ul style="list-style-type: none"> <li>• PAL/NTSC</li> <li>• Extended Display Identification Data (EDID)</li> </ul>
<b>Live Video Resolutions (Encode/Decode)</b>	<ul style="list-style-type: none"> <li>• 176x144@30 Hz (QCIF)</li> <li>• 352x288@30 Hz (CIF)</li> <li>• 512x288@30 Hz (w288p)</li> <li>• 576x448@30 Hz (448p)</li> <li>• 768x448@30 Hz (w448p)</li> <li>• 704x576@30 Hz (4CIF)</li> <li>• 1024x576@30 Hz (w576p)</li> <li>• 640x480@30 Hz (VGA)</li> <li>• 800x600@30 Hz (SVGA)</li> <li>• 1024x768@30 Hz (XGA)</li> <li>• 1280x1024@30 Hz (SXGA)</li> <li>• 1280x720@30 Hz (720p30)</li> <li>• 1920x1080@30 Hz (1080p30)</li> <li>• 1280x768@30 Hz (WXGA)</li> <li>• 1440x900@30 Hz (WXGA+)</li> <li>• 1680x1050@30 Hz (WSXGA+)</li> <li>• 1600x1200@30 Hz (UXGA)</li> <li>• 512x288@60 Hz (w288p60)</li> <li>• 768x448@60 Hz (w448p60)</li> <li>• 1024x576@60 Hz (w576p60)</li> <li>• 1280x720@30, 60 fps (720p60)</li> <li>• 720p30 from 768kbps</li> <li>• 720p60 from 1152kbps</li> <li>• 1080p30 from 1472kbps</li> </ul>
<b>Audio Standards</b>	<ul style="list-style-type: none"> <li>• G.711, G.722, G.722.1, 64 bit &amp; 128 bit MPEG4 AAC-LD, AAC-LD Stereo</li> </ul>
<b>Audio Features</b>	<ul style="list-style-type: none"> <li>• CD-Quality 20KHz Mono and Stereo</li> <li>• Four separate acoustic echo cancellers</li> <li>• 4-port (C60) 2-port(C40) Audio mixer</li> <li>• Automatic Gain Control (AGC)</li> <li>• Automatic Noise Reduction</li> <li>• Active lip synchronization</li> <li>• ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)</li> </ul>
<b>Audio Inputs (7 Inputs)</b>	<ul style="list-style-type: none"> <li>• 4x (C60) 2x (C40) microphone, 48V phantom powered, XLR connector each with separate echo cancellers and noise reduction; all microphones can be set for balanced line level</li> <li>• 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono auxiliary/DVD input</li> <li>• 1 x HDMI, digital: Stereo PC/DVD inputs</li> </ul>
<b>Audio Outputs (3 Outputs)</b>	<ul style="list-style-type: none"> <li>• 2 x RCA/Phono, line level, stereo main audio, configurable to S/PDIF or 2 x RCA/Phono, line level, mono to recording device</li> <li>• 1 x HDMI, digital, stereo main audio</li> </ul>

Specification	Description
<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, independent of main stream resolution (C60)</li> <li>• Support for resolution up to WXGA, independent of main stream resolution (C40)</li> </ul>
<b>Multisite Features</b>	<ul style="list-style-type: none"> <li>• 4-way 720p30 (C60) / w576p30 (C40) High Definition SIP/H.323 MultiSite</li> <li>• Full individual audio and video transcoding</li> <li>• Individual layouts in MultiSite CP (takes out Self View) H.323/SIP/VoIP in the same conference</li> <li>• Best Impression (Automatic CP Layouts)</li> <li>• H.264, Encryption, Dual Stream from any site</li> <li>• IP Down speeding</li> <li>• Dial-in/Dial-out</li> <li>• Additional telephone call (no license required)</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> </ul>
<b>Embedded Encryption</b>	<ul style="list-style-type: none"> <li>• H.323/SIP point-to-point</li> <li>• Standards-based: H.235 v2 &amp; v3 and 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>• Direct DNS dialing</li> <li>• 802.1x Network authentication</li> <li>• ClearPath</li> </ul>
<b>IPv6 Network Support</b>	<ul style="list-style-type: none"> <li>• Single call stack support for both H323 and SIP</li> <li>• Dual-stack IPv4 and IPv6 for DHCP, SSH, HTTP, HTTPS, DNS, DiffServ</li> <li>• Support for both Static and Autoconfig (stateless address auto config)</li> </ul>
<b>Security Features</b>	<ul style="list-style-type: none"> <li>• Management via 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>Network Interfaces</b>	<ul style="list-style-type: none"> <li>• 2 x LAN/Ethernet (RJ-45) 10/100/1000 Mbit</li> </ul>
<b>Other Interfaces</b>	<ul style="list-style-type: none"> <li>• USB host for future usage (only Codec C60)</li> <li>• USB device for future usage</li> <li>• GPIO<sup>1</sup> (only Codec C60)</li> </ul>
<b>Cisco TelePresence Precision HD Camera (1080P)</b>	<ul style="list-style-type: none"> <li>• 1/3" CMOS</li> <li>• 12 x zoom</li> <li>• +15/-25° tilt, +/- 90° pan</li> <li>• 43.5° vertical field of view</li> <li>• 72° horizontal field of view</li> <li>• Focus distance 0.3m–infinity</li> <li>• 1920 x 1080 pixels progressive @ 60fps</li> <li>• Other formats supported (configurable through Dip-switch): <ul style="list-style-type: none"> <li>◦ 1920x1080@60fps (HDMI only)</li> <li>◦ 1920x1080@50fps (HDMI only)</li> <li>◦ 1920x1080@30fps</li> </ul> </li> </ul>

Specification	Description
	<ul style="list-style-type: none"> <li>◦ 1920x1080@25fps</li> <li>◦ 1280x720@60fps</li> <li>◦ 1280x720@50fps</li> <li>◦ 1280x720@30fps</li> <li>◦ 1280x720@25fps</li> <li>• Automatic or manual focus/brightness/white balance</li> <li>• Far-end camera control</li> <li>• Daisy-chain support (Visca protocol camera)</li> <li>• Dual HDMI and HD-SDI output</li> <li>• Upside-down mounting with automatic flipping of picture</li> </ul>
<b>System Management</b>	<ul style="list-style-type: none"> <li>• Support for the Cisco TelePresence Management Suite</li> <li>• Total management through embedded SNMP, Telnet, SSH, XML, SOAP</li> <li>• Remote software upload: Through web server, SCP, HTTP, HTTPS</li> <li>• 1 x RS-232 for local control and diagnostics</li> <li>• Remote control and on-screen menu system</li> <li>• Cisco Telepresence touch screen – touch user interface device</li> </ul>
<b>Directory Services</b>	<ul style="list-style-type: none"> <li>• Support for Local Directories (My Contacts)</li> <li>• Corporate Directory</li> <li>• Unlimited entries using Server directory supporting LDAP and H.350</li> <li>• Unlimited number for Corporate directory (through Cisco TelePresence Management Suite)</li> <li>• 200 number local directory Directories in Local Languages</li> <li>• Received Calls with Date and Time</li> <li>• Placed Calls with Date and Time</li> <li>• Missed Calls with Date and Time</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• Auto-sensing power supply</li> <li>• 100–120/200–240 VAC, 60/50 Hz, 6A max</li> <li>• 175 watts max. for codec and main camera</li> <li>• Maximum power rating complete system, single 526 W / dual 870 W</li> </ul>
<b>Operating Temperature and Humidity</b>	<ul style="list-style-type: none"> <li>• 0°C to 35°C (32°F to 95°F) ambient temperature</li> <li>• 10% to 90% Relative Humidity (RH)</li> </ul>
<b>Storage And Transport Temperature</b>	<ul style="list-style-type: none"> <li>• -20°C to 60°C (-4°F to 140°F) at RH 10–90% (non -condensing)</li> </ul>
<b>Dimensions</b>	<p><b>Cisco TelePresence Profile 52-inch:</b></p> <ul style="list-style-type: none"> <li>• Height: 63.78"/162 cm</li> <li>• Width: 47.25"/120 cm</li> <li>• Depth: 6.7"/17 cm</li> <li>• Weight: 253.5 lbs/115 kg</li> </ul> <p><b>Cisco TelePresence Profile 52-inch Dual:</b></p> <ul style="list-style-type: none"> <li>• Height: 63.78"/162 cm</li> <li>• Width: 94.5"/240 cm</li> <li>• Depth: 6.7"/17 cm</li> <li>• Weight: 507 lbs/240 kg</li> </ul>

\*\* Requires option.

### Regulatory Compliance

- Directive 73/23/EEC (Low-Voltage Directive) – Standard EN 60950
- Directive 89/336/EEC (EMC Directive) – Standard EN 55022, Class A – Standard EN 55024 –Standard EN 61000-3-2/-3-3
- Approved according to UL 60950 and CAN/CSA C22.2 No.60950
- Complies with FCC15B Class B

### Ordering Information

To place an order, please contact your Cisco sales representative.

## Service and Support

Cisco and our partners provide a broad portfolio of intelligent, personalized services and support that can help you realize the full value of your Cisco TelePresence investment by increasing business agility and network availability. This portfolio of services accelerates business innovation through a network-based collaboration platform that enables businesses to collaborate anywhere, anytime. For more information about these services, visit: <http://www.cisco.com/go/telepresenceservices>.

## For More Information

For more information about the Cisco TelePresence Profile 52-inch, visit <http://www.cisco.com/go/telepresence> or contact your local Cisco account representative or authorized Cisco partner. Product specifications are estimates and subject to change without notice.



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