# Cisco TelePresence Profile 55-inch Single and Dual

The Cisco TelePresence™ portfolio creates an immersive, in-person 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 manage costs, make decisions faster, improve customer intimacy, scale scarce resources, and speed products to market.

## Product Overview

The Cisco Telepresence Profile 55-inch Single and Dual is the next-generation team-collaboration video solution with up to 1080p60 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 Profile 55-inch Single comes in two performance configurations, the codec C40 and codec C60 configuration, while the Cisco Telepresence Profile 55-inch Dual has one performance configuration, the codec C60.

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## Cisco TelePresence Profile 55-inch Features

Table 1 summarizes the key features of the Cisco TelePresence Profile 55-inch Single and Dual.

**Table 1.** Cisco TelePresence Profile 55-inch Feature Summary

| Feature Summary | |
|---|---|
| **Design Features** | • Exclusive Scandinavian design with a clean, sleek look from all angles<br>• Easy to install with everything included for a full functional system and easy to configure with full support for provisioning<br>• Fully integrated system with 1080p widescreen LCD, and Cisco TelePresence Precision HD Camera (1080p)<br>• Ideal camera and display height for natural communication<br>• Use of Energy Star compliant displays for reduced power consumption and recyclable aluminum materials to support our commitment to the environment<br>• Ease of use with the Cisco Telepresence touch screen user interface<br>• Fully tested and compliant solution from one vendor<br>• One of the most powerful and feature-rich codecs available with the ultimate in video and audio quality |
| **Application Features** | • Four way 720p30 for C60 or w576p30 (C40) HD embedded Cisco TelePresence MultiSite technology with Individual Transcoding<br>• Clear, smooth HD collaboration with WUXGA (C60) or WXGA (C40), full 1080p HD video and up to 60fps framerate for superior motion handling<br>• Standard-compliant - compatible with standard-based video without losing features<br>• One Button to Push (OBTP) to start scheduled meetings<br>• Ideal for team-based collaboration and industry applications |
| **Performance Features** | • Choice of network up to 6 Mbps point-to-point (H.323/SIP)/up to 10 Mbps MultiSite (H.323/SIP)<br>• Optimal definition up to 1080p60[1]<br>• 5x (C60) or 4x (C40) Video Inputs/Outputs<br>• 4x (C60) or 2x (C40) XLR audio input with individual echo canceller<br>• Full duplex audio with high-quality stereo sound<br>• Ability to take advantage of Cisco Total Solution Management, transcoded HD multipoint control unit (MCU), recording and streaming, Multiway and firewall traversal<br>• Cisco Unified Communication Manager (CUCM) native registration (requires CUCM version 8.6 or higher) |

[1] Supported only on Cisco TelePrsence Codec C60

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## Flexible Options

The system offers two display options: a single 55" LCD or dual 55" 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 55-inch.

**Table 2.** Product Specifications

| Specification | Description |
|---|---|
| **Unit Delivered Complete With:** | • Full HD LCD display(s), Cisco TelePresence Codec C60/C40, Cisco Telepresence touch screen UI, remote control, Cisco TelePresence Precision HD Camera (1080p), Table microphones (2x/3x with single screen; 4x with dual screen), Digital Audio Module, integrated speakers and integrated cabling and cable management |
| **Monitor** | • Available with:<br>◦ 55-inch Full HD LCD, 16:9 and 1080 x 1920 resolution<br>◦ Dual monitor configuration includes 2x 55-inch Full HD LCD monitors |
| **Base** | • Available with:<br>◦ Floor standing footplate<br>◦ Wheel base (only available on 55-inch single)<br>◦ Wall mount on pedestal |
| **Bandwidth** | • H.323/SIP up to 6 Mbps point-to-point<br>• H.323/SIP up to 10 Mbps MultiSite |
| **Firewall Traversal** | • Cisco Telepresence Expressway technology<br>• H.460.18 and H.460.19 Firewall Traversal |
| **Video Standards** | • H.261, H.263, H.263+, H.264 |
| **Video Features** | • Native 16:9 Widescreen<br>• Advanced Screen Layouts<br>• Intelligent Video Management<br>• Local Auto Layout |
| **Video Input - Live Video Resolution** | |
| **Video Input**<br>**(Five inputs - C60)**<br>**(Four inputs - C40[1])** | **Two HDMI Inputs, Supported Formats:**<br>• 1920x1080@60 and 59.94 Hz (1080p60)<br>• 1920x1080@50 Hz (1080p50)<br>• 1920x1080@30 and 29.97 Hz (1080p30)<br>• 1920x1080@25 Hz (1080p25)<br>• 1920x1080@24 and 23.97 Hz (1080p24)<br>• 1280x720@60 and 59.94 Hz (720p60)<br>• 1280x720@50 Hz (720p50)<br>• 720x480@60 and 59.94 Hz (480p60)<br>• 640x480@60 Hz (480p60)<br>• 1600x1200@50 and 60 Hz (UXGA)<br>• 1280x1024@60 and 75 Hz (SXGA)<br>• 1024x768@60, 70, 75 and 85 Hz (XGA)<br>• 800x600@56, 60, 72, 75 and 85 Hz (SVGA)<br>• 1920x1200@50 and 60 Hz (WUXGA)<br>• 1680x1050@60 Hz (WSXGA+)<br>• 1440x900@60 Hz (WXGA+)<br>• 1280x768@60 Hz (WXGA)<br>**Two (C60) or One (C40) DVI-I Inputs, Supported Formats:**<br>Analog (VGA):<br>• 1920x1080@60 Hz (1080p) |

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| Specification | Description |
|---|---|
| | • 1280x720@60 Hz (720p)<br>• 1600x1200@60 Hz (UXGA)<br>• 1280x1024@60 and 75 Hz (SXGA)<br>• 1280x960@60 Hz<br>• 1024x768@60, 70, 75 and 85 Hz (XGA)<br>• 1920x1200@50 Hz (WUXGA)<br>• 1680x1050@60 Hz (WSXGA+)<br>• 1440x900@60 Hz (WXGA+)<br>• 1280x800@60 Hz (WXGA)<br>• 1280x768@60 Hz (WXGA)<br>Analog (YPbPr):<br>• 1920x1080@60 Hz (1080p60)<br>• 1920x1080@50 Hz (1080p50)<br>• 1920x1080@30 Hz (1080p30)<br>• 1920x1080@25 Hz (1080p25)<br>• 1280x720@60 Hz (720p60)<br>• 1280x720@50 Hz (720p50)<br>• 1280x720@30 Hz (720p30)<br>• 720x576@50 Hz (576p50)<br>• 720x480@60 Hz (w480p60)<br>Digital (DVI-D):<br>• Same as HDMI, ref. above<br>**One S-video/Composite Input (BNC Connectors):**<br>• PAL/NTSC<br>• Extended Display Identification Data (EDID) |
| **Video Output (Three Outputs C60) (Two Outputs C40[1])** | **One HDMI, One DVI-I Output, Supported Formats:**<br>• 1920x1080@60 Hz (1080p60)<br>• 1920x1080@50 Hz (1080p50)<br>• 1280x720@60 Hz (720p60)<br>• 1280x720@50 Hz (720p50)<br>• 1600x1200@60 Hz (UXGA)<br>• 1280x1024@60 Hz (SXGA)<br>• 1024x768@60 Hz (XGA)<br>• 800x600@60 Hz (SVGA)<br>• 640x480@60 Hz (VGA)<br>• 1920x1200@60 Hz (WUXGA)<br>• 1366x768@60 Hz<br>• 1360x768@60 Hz<br>• 1280x768@60 Hz (WXGA)<br>• VESA Monitor Power Management<br>• EDID<br>**One Composite Output (BNC Connector) (only on codec C60)**<br>• PAL/NTSC<br>• Extended Display Indentification Data (EDID) |
| **Live Video Resolutions (Encode and Decode)** | • 176x144@30 Hz (QCIF)<br>• 352x288@30 Hz (CIF)<br>• 512x288@30 Hz (w288p)<br>• 576x448@30 Hz (448p)<br>• 768x448@30 Hz (w448p)<br>• 704x576@30 Hz (4CIF)<br>• 1024x576@30 Hz (w576p)<br>• 640x480@30 Hz (VGA)<br>• 800x600@30 Hz (SVGA)<br>• 1024x768@30 Hz (XGA)<br>• 1280x1024@30 Hz (SXGA) |

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| Specification | Description |
|---|---|
| | • 1280x720@30 Hz (720p30)<br>• 1920x1080@30 Hz (1080p30)<br>• 1280x768@30 Hz (WXGA)<br>• 1440x900@30 Hz (WXGA+)<br>• 1680x1050@30 Hz (WSXGA+)<br>• 1600x1200@30 Hz (UXGA)<br>• 512x288@60 Hz (w288p60)<br>• 768x448@60 Hz (w448p60)<br>• 1024x576@60 Hz (w576p60)<br>• 1280x720@30, 60 fps (720p60)<br>• 1920x1080@60 fps (1080p60) [2]<br>• 720p30 from 768kbps<br>• 720p60 from 1152kbps<br>• 1080p30 from 1472kbps<br>• 1080p60 from 2560kbps |
| **Audio Standards** | • G.711, G.722, G.722.1, 64 bit and 128 bit MPEG4<br>• AAC-LD and AAC-LD Stereo |
| **Audio Features** | • CD-quality 20KHz mono and stereo<br>• Four (C60) or Two (C40) separate acoustic echo cancellers<br>• 4-port (C60) 2-port(C40) audio mixer<br>• Automatic Gain Control (AGC)<br>• Automatic noise reduction<br>• Active lip synchronization<br>• ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60) |
| **Audio Inputs (Seven Inputs C60)**<br>**(Five Inputs C40)** | • Four (C60) or Two (C40) microphone, 48V phantom powered, XLR connector each with separate echo cancellers and noise reduction; all microphones can be set for balanced line level<br>• Two RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono auxiliary/DVD input<br>• One HDMI, digital: Stereo PC/DVD input |
| **Audio Outputs (3 Outputs)** | • Two RCA/Phono, line level, stereo main audio, configurable to S/PDIF or two RCA/Phono outputs, line level, mono to recording device<br>• One HDMI, digital, stereo main audio |
| **Dual Stream** | • H.239 (H.323) dual stream<br>• BFCP (SIP) dual stream<br>• Support for resolutions up to 1080p30/WUXGA, independent of main stream resolution (C60)<br>• Support for resolution up to WXGA, independent of main stream resolution (C40) |
| **Multipoint Support** | • Four-way embedded SIP/H.323 Multipoint (see reference Multisite Features)<br>• Cisco Telepresence Multiway support (requires Cisco Telepresence Video Communication Server (Cisco VCS) and Cisco Telepresence MCU)<br>• Ability to natively join multipoint conferences hosted on Cisco Telepresence Multipoint Switch (CTMS) |
| **Multisite Features (Embedded Multipoint)** | • Four-way 720p30 (C60)/w576p30 (C40) High Definition SIP/H.323 MultiSite<br>• Full individual audio and video transcoding<br>• Individual layouts in MultiSite continuous presence (takes out Self View)<br>• H.323,SIP and Voice over IP (VoIP) in the same conference<br>• Best Impression (Automatic continuous presence layouts)<br>• H.264, encryption and dual stream from any site<br>• IP Down speeding<br>• Dial-in and dial-out<br>• Additional telephone call (no license required)<br>• Conference rates up to 10 Mbps |
| **Protocols** | • H.323<br>• SIP<br>• ISDN (requires Cisco TelePresence ISDN Link) |

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|---|---|
| **Embedded Encryption** | • H.323/SIP point-to-point<br>• Standards-based: H.235v3 and Advanced Encryption Standard (AES)<br>• Automatic key generation and exchange<br>• Supported in Dual Stream |
| **IP Network Features** | • DNS lookup for service configuration<br>• Differentiated Services (QoS)<br>• IP adaptive bandwidth management (including flow control)<br>• Auto gatekeeper discovery<br>• Dynamic playout and lip-sync buffering<br>• H.245 DTMF tones in H.323<br>• Date and Time support through Network Time Protocol (NTP)<br>• Packet loss-based downspeeding<br>• URI dialing<br>• TCP/IP<br>• Dynamic Host Configuration Protocol (DHCP)<br>• Direct DNS dialing<br>• 802.1x Network authentication<br>• ClearPath<br>• Medianet: Mediatrace and Metadata |
| **Cisco Unified Communications Manager (CUCM) (Requires CUCM Version 8.6 or Higher)** | • Native registration with Cisco Unified Communications Manager (CUCM)<br>• Basic CUCM provisioning<br>• Firmware upgrade from CUCM<br>• Cisco Discovery Protocol (CDP) and DHCP option 150 support<br>• Basic telephony features such as hold, resume, transfer and Corporate Directory lookup |
| **IPv6 Network Support** | • Single call stack support for both H323 and SIP<br>• Dual-stack IPv4 and IPv6 for DHCP, SSH, HTTP, HTTPS, DNS, DiffServ<br>• Support for both Static and Autoconfiguration (stateless address auto configuration) |
| **Security Features** | • Management through HTTPS and SSH<br>• IP Administration password<br>• Menu Administration password<br>• Disable IP services<br>• Network settings protection |
| **Network Interfaces** | • Two LAN/Ethernet (RJ-45) 10/100/1000 Mbit |
| **Other Interfaces** | • USB host for future usage (only Codec C60)<br>• USB device for future usage<br>• GPIO[2] (only Codec C60) |
| **Cisco TelePresence Precision HD Camera (1080p)** | • 1/3 inch CMOS<br>• 12 x zoom<br>• +15?-25° tilt, +/- 90° pan<br>• 43.5° vertical field of view<br>• 72° horizontal field of view<br>• Focus distance 0.3m-infinity<br>• 1920 x 1080 pixels progressive @ 60fps<br>• Other formats supported (configurable through Dip-switch):<br>  ◦ 1920x1080@60fps (HDMI only)<br>  ◦ 1920x1080@50fps (HDMI only)<br>  ◦ 1920x1080@30fps<br>  ◦ 1920x1080@25fps<br>  ◦ 1280x720@60fps<br>  ◦ 1280x720@50fps<br>  ◦ 1280x720@30fps<br>  ◦ 1280x720@25fps<br>• Automatic or manual focus, brightness and white balance<br>• Far-end camera control |

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| Specification | Description |
|---|---|
| | • Daisy-chain support (Visca protocol camera)<br>• Dual HDMI and HD-SDI output<br>• Upside-down mounting with automatic flipping of picture |
| **System Management** | • Support for the Cisco TelePresence Management Suite (Cisco TMS)<br>• Total management through embedded SNMP, Telnet, SSH, XML and SOAP<br>• Remote software upload: Through web server, SCP, HTTP and HTTPS<br>• One RS-232 for local control and diagnostics<br>• Remote control and on-screen menu system<br>• Cisco Telepresence touch screen - touch user interface device |
| **Directory Services** | • Support for Local Directories (My Contacts)<br>• Corporate Directory<br>• Unlimited entries using server directory supporting LDAP and H.350 (through Cisco Telepresence Management Suite)<br>• Unlimited number for Corporate directory (through Cisco TelePresence Management Suite)<br>• 200 number local directory<br>• Directories in local languages<br>• Received calls with date and time<br>• Placed calls with date and time<br>• Missed calls with date and time |
| **Power** | • Auto-sensing power supply<br>• 100-120/200-240 VAC, 60/50 Hz, 6A max<br>• 175 watts maximum for codec and main camera<br>• Maximum power rating complete system, single 526 W/dual 870 W |
| **Operating Temperature and Humidity** | • 0°C to 35°C (32°F to 95°F) ambient temperature<br>• 10% to 90% Relative Humidity (RH) |
| **Storage and Transport Temperature** | • -20°C to 60°C (-4°F to 140°F) at RH 10-90% (non -condensing) |
| **Dimensions** | **Cisco TelePresence Profile 55-inch Single:**<br>• Height: 64.76"/164.5 cm<br>• Width: 49.41"/125.5 cm<br>• Depth: 6.7"/17 cm<br>• Weight: 241.4 lbs/109.5 kg<br>**Cisco TelePresence Profile 52-inch Dual:**<br>• Height: 64.76"/164.5 cm<br>• Width: 98.82"/251 cm<br>• Depth: 6.7"/17 cm<br>• Weight: 504.8 lbs/229 kg |

[1] Supported only on Cisco TelePrsence Codec C60

[2] 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 A

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## Ordering Information

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

**Table 3.** Ordering Information

| Product Name | Part Number | Compliance Model Number |
|---|---|---|
| **Cisco TelePresence Profile 55-inch - Single Screen, with C40** | **CTS-P55C40-K9** | **TTC60-12** |
| Comes with: Profile 55" Full HD LCD single screen, Natural Presenter Package, Cisco TelePresence Codec C40, Cisco TelePresence Precision HD 1080p 12x Camera, Cisco TelePresence Touch 8'', 2 microphones | | |
| **Ordering Options for the Cisco TelePresence Profile 55-inch Single Screen with C40** | | |
| **Multi Site Option for Profile 55 inch Single Screen C40** | LIC-P55C40-MS | |
| **Premium Resolution Option for Profile 55 inch Single Screen C40** | LIC-P55C40-PR | |
| **Dual Display Option for Profile 55 inch Single Screen C40** | LIC-P55C40-DD | |
| **Cisco TelePresence Profile 55-inch - Single Screen, with C60** | **CTS-P55C60-K9** | **TTC60-12** |
| Comes with: Profile 55" Full HD LCD single screen, Natural Presenter Package, Cisco TelePresence Codec C60 with dual display feature enabled, Cisco TelePresence Precision HD 1080p 12x Camera, Cisco TelePresence Touch 8'', 3 microphones | | |
| **Ordering Options for the Cisco TelePresence Profile 55-inch Single Screen with C60** | | |
| **Multi Site Option for Profile 55 inch Single Screen with C60** | LIC-P55C60-MS | |
| **Premium Resolution Option for Profile 55 inch Single Screen with C60** | LIC-P55C60-PR | |
| **Ordering Options for the Cisco TelePresence Profile 55-inch Single Screen with C40 and C60** | | |
| **Floor Stand Kit for Profile 55 inch Single Screen with C40 or C60** | CTS-P4252S-FSO | TTC60-12 |
| **Wall Mount Kit for Profile 55 inch Single Screen with C40 or C60** | CTS-P4252S-WMK | TTC60-12 |
| **Wheel Base Kit for Profile 55 inch Single Screen with C40 or C60** | CTS-P4252S-WBK | TTC60-12 |
| **Cisco TelePresence Profile 55-inch - Dual Screen, with C60** | **CTS-P55DC60-K9** | **TTC60-14** |
| Comes with: Profile 55" Full HD LCD dual screens, Natural Presenter Package, Cisco TelePresence Codec C60, Cisco TelePresence Precision HD 1080p 12x Camera, Cisco TelePresence Touch 8'', 4 microphones | | |
| **Ordering Options for the Cisco TelePresence Profile 55-inch Dual Screen with C60** | | |
| **Multi Site Option for Profile 55 inch Dual Screen with C60** | LIC-P55DC60-MS | |
| **Premium Resolution Option for Profile 55 inch Dual Screen with C60** | LIC-P55DC60-PR | |
| **Floor Stand Kit for Profile 55 inch Dual Screen with C60** | CTS-P52D-FSO | TTC60-14 |
| **Wall Mount Kit for Profile 55 inch Dual Screen with C60** | CTS-P52D-WMK | TTC60-14 |

## 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 55-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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