Cisco TelePresence Profile 65-inch Dual

The Cisco TelePresence™ portfolio creates an immersive, in-person experience—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 65-inch Dual elevates the team video collaboration experience to an entirely new level. With side-by-side 65" LCD monitors, sharing information is easy, intuitive and crystal clear. Designed to integrate into the larger collaboration room, the Cisco TelePresence Profile 65-inch Dual allows participants to share multimedia content, creating a rich user experience.

Cisco TelePresence Profile 65-inch Dual Features

Table 1 summarizes the key features for the Cisco TelePresence Profile 65-inch Dual.

Table 1. Cisco TelePresence Profile 65" Dual Feature Summary

Feature Summary	
Design Features	- Exclusive Scandinavian design with a clean, sleek look from all angles - Fully integrated system with 1080p widescreen LCD, Cisco TelePresence PrecisionHD Camera (1080p) and Cisco TelePresence Codec C90 - Use of recyclable aluminum materials to support our commitment to the environment - Easy of use with the Cisco Telepresence touch screen user interface - One of the most feature-rich codecs available with the ultimate in video and audio quality
Application Features	- Ideal for large conference rooms and demanding collaboration environments 1080p30 HD embedded MultiSite technology with Individual Transcoding - Rich collaboration with virtually any source with up to 5 simultaneous video inputs - Clear, smooth HD collaboration with UXGA and full 1080p HD with superior motion handling - Building blocks for demanding applications or specialty system
Performance Features	- Choice of network up to 6 Mbps point-to-point (H.323/SIP), up to 10 Mbps Multisite (H.323/SIP) - Optimal definition up to 1080p60 8x XLR with individual echo canceller and 8-port audio mixer 13x Video Input 5x Video Output

Installation flexibility Options

The system offers two base options: A stand-alone option with a foot attachment or a wall-mount kit on a pedestal for a smaller footprint.

Product Capabilities

Table 2 provides a listing of the product capability specifications for the Cisco TelePresence Profile 65-inch Dual.

Table 2. Product Specifications

Specification	Description
Unit Delivered Complete With:	Full HD LCD display, Codec C90, Cisco Telepresence touch screen UI. remote control, Cisco TelePresence Precision HD Camera (1080p), microphones, Digital Audio Module, integrated speakers and integrated cabling
Monitor	Two 65" Full HD LCD, 16:9, 1080 x 1920 resolution
Base	- Floor standing footplate - Wall mount on pedestal
Bandwidth	- H.323/SIP up to 6 Mbps point-to-point - H.323/SIP up to 10 Mbps MultiSite
Firewall Traversal	- Cisco® TelePresence Expressway technology - H.460.18, H.460.19 Firewall Traversal
Video Standards	H.261, H.263, H.263+, H.264
Video Features	- Native 16:9 Widescreen - Advanced Screen Layouts - Intelligent Video Management - Local Auto Layout 9 embedded individual video compositors — 1 for every output and 1 for every encoder
Video Inputs (13 Inputs)	**4 x HDMI Inputs, Supported Formats:** 1920 x 1080@60, 59.94 Hz (1080p60)

Specification	Description
	• 1920 x 1080@50 Hz (1080p50)
	• 1920 x 1080@30, 29.97 Hz (1080p30)
	• 1920 x 1080@25 Hz (1080p25)
	• 1920 x 1080@24, 23.97 Hz (1080p24)
	• 1280 x 720@60, 59.94 Hz (720p60)
	• 1280 x 720@50 Hz (720p50)
	• 720 x 480@60, 59.94 Hz (480p60)
	• 640 x 480@60 Hz (480p60)
	• 1600 x 1200@50, 60 Hz (UXGA)
	• 1280 x 1024@60, 75 Hz (SXGA)
	• 1024 x 768@60, 70, 75, 85 Hz (XGA)
	• 800 x 600@56, 60, 72, 75, 85 Hz (SVGA)
	• 1920 x 1200@50, 60 Hz (WUXGA)
	• 1680 x 1050@60 Hz (WSXGA+)
	• 1440 X 900@60 Hz (WXGA+)
	• 1280 x 768@60 Hz (WXGA)
	4 x HD-SDI Inputs, Supported Formats:
	• 1920 x 1080@30 Hz (1080p30)
	• 1920 x 1080@25 Hz (1080p25)
	• 1280 x 720@60 Hz (720p60)
	• 1280 x 720@50 Hz (720p50)
	• 1280 x 720@30 Hz (720p30)
	• 1280 x 720@25 Hz (720p25)
	2 x DVI-I Inputs, Supported Formats:
	Analog (VGA):
	• 1920 x 1080@60 Hz (1080p)
	• 1280 x 720@60 Hz (720p)
	• 1600 x 1200@60 Hz (UXGA)
	• 1280 x 1024@60, 75 Hz (SXGA)
	• 1280 x 960@60 Hz
	• 1024 x 768@60, 70, 75, 85 Hz (XGA)
	• 1920 x 1200@50 Hz (WUXGA)
	• 1680 x 1050@60 Hz (WSXGA+)
	• 1440 x 900@60 Hz (WXGA+)
	• 1280 x 800@60 Hz (WXGA)
	• 1280 x 768@60 Hz (WXGA)
	Analog (YPbPr):
	• 1920 x 1080@60 Hz (1080p60)
	• 1920 x 1080@50 Hz (1080p50)
	• 1920 x 1080@30 Hz (1080p30)
	• 1920 x 1080@25 Hz (1080p25)
	• 1280 x 720@60 Hz (720p60)
	• 1280 x 720@50 Hz (720p50)
	• 1280 x 720@30 Hz (720p30)
	• 720 x 576@50 Hz (576p50)
	• 720 x 480@60 Hz (w480p60)
	Digital (DVI-D):
	• Same as HDMI, ref. above.
	2 x YPBPR Inputs, Supported Formats:
	• 1920 x 1080@60fps (1080p60)
	• 1920 x 1080@50fps (1080p50)
	• 1920 x 1080@30fps (1080p30)
	• 1920 x 1080@25fps (1080p25)
	• 1280 x 720@60fps (720p60)
	• 1280 x 720@50fps (720p50)
	• 1280 x 720@30fps (720p30)

Specification	Description
	• 720 x 576@50fps (576p50) • 720 x 480@60fps (w480p60) **1 x S-Video/Composite input (BNC connectors)** • PAL/NTSC • Extended Display Identification Data (EDID)
Video Outputs (5 Outputs)	**2 x HDMI Outputs, 2 x DVI-I Outputs, Supported Formats:** • 1920 x 1080@60 Hz (1080p60) • 1280 x 720@60 Hz (720p60) • 1600 x 1200@60 Hz (UXGA) • 1280 x 1024@60 Hz (SXGA) • 1024 x 768@60 Hz (XGA) • 800 x 600@60 Hz (SVGA) • 640 x 480@60 Hz (VGA) • 1920 x 1200@60Hz (WUXGA) • 1360 x 768@60 Hz • 1366 x 768@60 Hz • 1280 x 768@60 Hz (WXGA) **1 x Composite Output (BNC Connector), Supported Formats:** • PAL/NTSC • VESA Monitor Power Management • Extended Display Identification Data (EDID)
Live Video Resolutions (Encode/Decode)	• 176 x 144@30 fps (QCIF) • 352 x 288@30 fps (CIF) • 512 x 288@30 fps (w288p) • 576 x 448@30 fps (448p) • 768 x 448@30 fps (w448p) • 704 x 576@30 fps (4CIF) • 1024 x 576@30 fps (w576p) • 1280 x 720@30 fps (720p30) • 1920 x 1080@30 fps (1080p30)** • 640 x 480@30 fps (VGA) • 800 x 600@30 fps (SVGA) • 1024 x 768@30 fps (XGA) • 1280 x 1024@30 fps (SXGA) • 1280 x 768@30 fps (WXGA) • 1440 x 900@30 fps (WXGA+) • 1680 x 1050@30 fps (WSXGA+) • 1600 x 1200@30 fps (UXGA)** • 1920 x 1200@25 fps (WUXGA)** • 512 x 288@60 fps (w288p60) • 768 x 448@60 fps (w448p60) • 1024 x 576@60 fps (w576p60) • 1280 x 720@60 fps (720p60)** • 1920 x 1080@60 fps (1080p60)** • 720p30 from 768kbps • 720p60 from 1152kbps • 1080p30 from 1472kbps • 1080p60 from 2560kbps
Audio Standards	• G.711, G.722, G.722.1, 64 kbps & 128 kbps MPEG4 AAC-LD, AAC-LD Stereo
Audio Features	• CD-Quality 20KHz Mono and Stereo • Eight separate acoustic echo cancellers • 8-port Audio mixer • Automatic Gain Control (AGC) • Automatic Noise Reduction • Active lip synchronization

Specification	Description
Audio Inputs (14 Inputs)	• 8 x microphone, 48V phantom powered, XLR connector: each with separate echo cancellers and noise reduction, all microphones can be set for balanced line level • 2 x RCA/Phono, Line Level: Stereo PC input • 2 x RCA/Phono, Line Level: Stereo auxiliary/DVD input • 2 x HDMI, digital: Stereo PC/DVD inputs
Audio Outputs (8 Outputs)	• 2 x XLR, balanced line level, stereo main audio • 2 x RCA/Phono, line level, stereo main audio, configurable to S/PDIF • 2 x RCA/Phono, line level, stereo to recording device • 1 x HDMI, digital, stereo main audio • 1 x HDMI, digital, stereo to recording device
Dual Stream	• H.239 (H.323) dual stream • BFCP (SIP) dual stream • Available in MultiSite from any site • Support for resolutions up to 1080p30/WUXGA, independent of main stream resolution
Multisite Features	• Four way 1080p30 High Definition SIP/H.323 MultiSite • Full individual audio and video transcoding • Individual layouts in MultiSite CP (Takes out SelfView) • H.323/SIP/VoIP in the same conference • Support for Presentation (H.239/BFCP) from any participant at resolutions up to 1080p30/WUXGA • Best Impression (Automatic CP Layouts) • H.264, Encryption, Dual Stream from any site • IP Down speeding • Dial in/Dial out • Additional telephone call (no license required) • Conference rates up to 10 Mbps
Protocols	• H.323 • SIP • ISDN (requires Cisco TelePresence ISDN Link)
Embedded Encryption	• H.323/SIP point-to-point and multipoint calls • Standards-based: H.235 v2 & v3 and AES • Automatic key generation and exchange • Supported in Dual Stream and MultiSite
IP Network Features	• DNS lookup for service configuration • Differentiated Services (QoS) • IP adaptive bandwidth management (including flow control) • Auto gatekeeper discovery • Dynamic playout and lip-sync buffering • H.245 DTMF tones in H.323 • Date and Time support via NTP • Packet Loss based Downspeeding • URI Dialing • TCP/IP • DHCP • 802.1x Network authentication • ClearPath • Medianet: Mediatrace and Metadata
IPv6 Network Support	• Single call stack support for both H323 and SIP • Dual-stack IPv4 and IPv6 for DHCP, SSH, HTTP, HTTPS, DNS, DiffServ • Support for both Static and Autoconfig (stateless address auto configuration)
Security Features	• Management via HTTPS and SSH • IP Administration Password • Menu Administration Password • Disable IP services • Network Settings protection

Specification	Description
Network Interfaces	• 2 x separate LAN/Ethernet (RJ-45) 10/100/1000 Mbit
Other Interfaces	• USB host for future usage • USB device for future usage • GPIO

Cisco TelePresence PrecisionHD Camera (1080p)	• 1/3" CMOS
	• 12 x zoom
	• +15°/-25° tilt, +/- 90° pan
	• 43.5° vertical field of view
	• 72° horizontal field of view
	• Focus distance 0.3m–infinity
	• 1920 x 1080 pixels progressive @ 60fps
	• Other formats supported (configurable through Dip-switch):
	  ◦ 1920x1080@60fps (HDMI only)
	  ◦ 1920x1080@50fps (HDMI only)
	  ◦ 1920x1080@30fps
	  ◦ 1920x1080@25fps
	  ◦ 1280x720@60fps
	  ◦ 1280x720@50fps
	  ◦ 1280x720@30fps
	  ◦ 1280x720@25fps
	• Automatic or manual focus/brightness/white balance
	• Far-end camera control
	• Daisy-chain support (Visca protocol camera)
	• Dual HDMI and HD-SDI output
	• Upside-down mounting with automatic flipping of picture

System Management	• Support for the Cisco TelePresence Management Suite • Total management via embedded SNMP, Telnet, SSH, XML, SOAP • Remote software upload: via web server, SCP, HTTP, HTTPS • 1 x RS-232 for local control and diagnostics • Remote control and on-screen menu system • Cisco Telepresence touch screen – touch user interface device
Directory Services	• Support for Local directories (My Contacts) • Corporate Directory • Unlimited entries using Server directory supporting • LDAP and H.350 • Unlimited number for Corporate directory (through TMS) • 200 number local directory • Received Calls • Placed Calls • Missed Calls with Date and Time
Power	• Auto-sensing power supply • 100–240 VAC, 50/60 Hz • 175 watts max. for codec and main camera • Maximum power rating complete system, 1400 Watts • Normal operation, power consumption, 1100 Watts • Standby, power consumption, 160 Watts
Operating Temperature and Humidity	• 0°C to 35°C (32°F to 95°F) ambient temperature • 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	• Height: 165 cm (65") • Width: 300 cm (120") • Depth: 15 cm (5.9") • Weight: 300 kg (660 lbs)

Regulatory Compliance

- Directive 2006/95/EC (Low-Voltage Directive) — Standard EN 60950-1
- Directive 2004/108/EC (EMC Directive) — Standard EN 55022, Class B — Standard EN 55024 — Standard EN 61000-3-2/-3-3
- Approved according to UL 60950-1 and CSA 60950-1-07
- Complies with FCC15B Class B

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 65" - Dual Screens with C90	**CTS-P65DC90-K9**	**TTC60-11**
Comes with: Profile 65" with Full HD LCD dual screens, Cisco TelePresence Codec C90, Natural Presenter Package option, Cisco TelePresence PrecisionHD 1080p 12x Camera, Cisco TelePresence Touch 8'', 4 microphones		
Ordering Options for the Cisco TelePresence Profile 65-inch Dual Screen		
HD MultiSite Option for Profile 65" Dual with C90	LIC-P65-C90-MS	
Premium Resolution Option for Profile 65" Dual with C90	LIC-P65-C90-PR	
Ordering Options for the Cisco TelePresence Profile 65-inch Single and Dual Screen		
Floor Stand Kit for Profile 65" Single and Dual	CTS-P65SDD-FSM	TTC60-11
Wall Mount Kit for Profile 65" Single and Dual	CTS-P65SDD-WMK	TTC60-11

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 65-inch Dual, 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.