

# Cisco TelePresence System Profile 52-inch Single and Dual

The Cisco TelePresence<sup>™</sup> 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
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Feature Summary	
Design features	<ul> <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>
Application features	<ul> <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<sup>**</sup> (C60) or WXGA (C40) and full 1080p HD with superior motion handling</li> </ul>
Performance features	<ul> <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.

Specification	Description
Unit Delivered Complete With:	<ul> <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>
Monitor	<ul> <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
Base	Available with:
	<ul> <li>Floor standing footplate</li> </ul>
	<ul> <li>Wheel base (only available on 52-inch single)</li> </ul>
	Wall mount on pedestal
Bandwidth	H.323/SIP up to 6 Mbps point-to-point
Danawidin	• H.323/SIP up to 10 Mbps MultiSite
Firewall Traversal	Cisco Telepresence Expressway technology
	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
	Advanced Screen Layouts
	Intelligent Video Management
	Local Auto Layout
Video Input — Live Video Resolution	
Video Input (5 inputs – C60)	2X HDMI Inputs, Supported Formats:
(4 inputs – C40)	<ul> <li>1920x1080@60, 59.94 Hz (1080p60)</li> </ul>
(+ inputs - 040)	<ul> <li>1920x1080@60, 39.94 Hz (1060p60)</li> <li>1920x1080@50 Hz (1080p50)</li> </ul>
	<ul> <li>1920x1080@30, 29.97 Hz (1080p30)</li> </ul>
	<ul> <li>1920x1080@30, 23.37112 (1000p30)</li> <li>1920x1080@25 Hz (1080p25)</li> </ul>
	<ul> <li>1920x1080@24, 23.97 Hz (1080p24)</li> <li>1920x1080@24, 23.97 Hz (1080p24)</li> </ul>
	<ul> <li>1280x720@60, 59.94 Hz (720p60)</li> </ul>
	<ul> <li>1280x720@50 Hz (720p50)</li> </ul>
	<ul> <li>720x480@60, 59.94 Hz (480p60)</li> </ul>
	<ul> <li>640x480@60 Hz (480p60)</li> </ul>
	<ul> <li>1600x1200@50, 60 Hz (UXGA)</li> </ul>
	<ul> <li>1280x1220@60, 75 Hz (SXGA)</li> </ul>
	• 1024x768@60, 70, 75, 85 Hz (XGA)
	<ul> <li>800x600@56, 60, 72, 75, 85 Hz (SVGA)</li> </ul>
	• 1920x1200@50, 60 Hz (WUXGA)
	• 1680x1050@60 Hz (WSXGA+)
	• 1440x900@60 Hz (WXGA+)
	• 1280x768@60 Hz (WXGA)
	2x(C60) or 1x(C40) DVI-I Inputs, Supported Formats:
	Analog (VGA):
	• 1920x1080@60 Hz (1080p)
	• 1280x720@60 Hz (720p)
	• 1600x1200@60 Hz (UXGA)
	• 1280x1024@60, 75 Hz (SXGA)
	• 1280x960@60 Hz
	• 1024x768@60, 70, 75, 85 Hz (XGA)
	• 1920x1200@50 Hz (WUXGA)
	• 1680x1050@60 Hz (WSXGA+)
	• 1440x900@60 Hz (WXGA+)
	• 1280x800@60 Hz (WXGA)
	• 1280x768@60 Hz (WXGA)
	Analog (YPbPr)
	• 1920x1080@60 Hz (1080p60)
	• 1920x1080@50 Hz (1080p50)
	• 1920x1080@30 Hz (1080p30)
	• 1920x1080@25 Hz (1080p25)
	• 1280x720@60 Hz (720p60)
	<ul> <li>1280x720@50 Hz (720p50)</li> </ul>
	<ul> <li>1280x720@30 Hz (720p30)</li> <li>1280x720@30 Hz (720p30)</li> </ul>
	<ul> <li>720x576@50 Hz (576p50)</li> <li>720x480@60 Hz (w480p60)</li> </ul>
	<ul> <li>720x376@50 H2 (\$76p50)</li> <li>720x480@60 Hz (w480p60)</li> <li>Digital (DVI-D):</li> </ul>

15       5-Video/Composite Input (BKC Connectors);         • (PAL/NTSC       • Extended Display Identification Data (EDID)         Video Dutput (3 Outputs C60)       11 HDMI, 1x OVH Output, SUpposite Formats:         • (20uputs C40)       • 1280/203600 Hz (720p0)         • (20uputs C40)       • 1280/203600 Hz (70CA)         • (20uput C40)       • 1280/76800 Hz (70CA)         • (20uput C40)       • 1280/76800 Hz (70CA)         • (20uput C40)       • 1280/76800 Hz (70CA)         • (20uput C40)       • 1780/448030 Hz (70CH)         • (20uput C40)       • 1780/448030 Hz (70CH)         • (20uput C40)       • 1780/448830 Hz (70CH)         • (20uput C40)       • 1780/448830 Hz (70CH)         • (20uput C40)       • 1780/448830 Hz (70CA)         • (20uput C40)       • 1780/448830 Hz (70CA)         • (20uput C40)       • 1280/72830 Hz (70CA)         • (20uput C	Specification	Description
i Estended Display Identification Data (EDID)         Video Output (3 Outputs C60) (2 Outputs C40)       11 HDMI, 15 UNH Output, Supported Formats: 1200/120480 Hz (1200/00) 1200/120480 Hz (1200/00) 1200/120480 Hz (1200/00) 1200/120480 Hz (ICAA) 1200/120480 Hz (ICA		1x S-video/Composite Input (BNC Connectors):
Video Output (3 Outputs C60)       1x HDMI, 1x DVH Output, Supported Formats:         1 320x10809 80 Hz (1030p60)       1280x720860 Hz (1030p60)         1 320x10809 80 Hz (VCAA)       1280x720860 Hz (VCAA)         1 320x10809 80 Hz (VCAA)       1280x720860 Hz (VCAA)         1 320x10809 80 Hz (VCAA)       1280x78860 Hz (VCAA)         1 320x1204 80 Hz (VCAA)       1360x788680 Hz (VCAA)         1 350x78860 Hz (VCAA)       1360x788680 Hz (VCAA)         1 350x788680 Hz (VCAA)       1360x788680 Hz (VCAA)         1 350x788680 Hz (VCAA)       1260x788680 Hz (VCAA)         1 250x788680 Hz (VCAA)       1260x788680 Hz (VCAA)         1 250x788680 Hz (VCAA)       1260x788680 Hz (VCAA)         1 250x788680 Hz (VCAA)       1260x788830 Hz (VCAA)         1 250x788630 Hz (VCAA)       1260x788830 Hz (VCAA)         1 122x288 30 Hz (VCAA)       1260x788830 Hz (VCAA)         1 122x288 30 Hz (VCAA)       122x288 30 Hz (VCAA)         1 122x578830 Hz (VCAA)       122x578830 Hz (VCAA)         1 122x57880 Hz (VCAA)       1280x720830, 60 hp (720p60)         1		PAL/NTSC
(2 Outputs C49)       • 1920x10909 69 htz (1020p60)         • 1280x7201680 htz (UXGA)         • 1280x1201480 htz (UXGA)         • 1380x788480 htz (VXGA)         • 1380x788480 htz (VXGA)         • 1380x788480 htz (VXGA)         • 1380x788480 htz (VXGA)         • 1280x788480 htz (VXGA)         • 1280x78480 htz (VGA)         • 1280x78480 htz (VGA)         • 1280x78480 htz (VGA)         • 1280x720480 htz (VGA)		Extended Display Identification Data (EDID)
(2 Outputs C49)       • 1920x10909 69 htz (1020p60)         • 1280x7201680 htz (UXGA)         • 1280x1201480 htz (UXGA)         • 1380x788480 htz (VXGA)         • 1380x788480 htz (VXGA)         • 1380x788480 htz (VXGA)         • 1380x788480 htz (VXGA)         • 1280x788480 htz (VXGA)         • 1280x78480 htz (VGA)         • 1280x78480 htz (VGA)         • 1280x78480 htz (VGA)         • 1280x720480 htz (VGA)	Video Output (3 Outputs C60)	1x HDMI, 1x DVI-I Output, Supported Formats:
• 1280x720 680 Hz (720x60)         • 1600x1200 480 Hz (USGA)         • 1024x768 680 Hz (SGA)         • 1024x768 680 Hz (SGA)         • 1360x71200 480 Hz (SGA)         • 1360x768 680 Hz (VGA)         • 1280x720 480 Dutput (BNC Connector) (only on codec C60)         • 1280x720 480 Dutput (BNC Connector) (only on codec C60)         • 1280x720 480 Dutput (BNC Connector) (only on codec C60)         • 1280x720 480 Dutput (BNC Connector) (only on codec C60)         • 1280x720 480 Hz (VGA)         • 1280x720 480 H	,	
<ul> <li>i fe0or.100@01 +z (UKGA)</li> <li>i 2020.1024@01 +z (UKGA)</li> <li>i 1024.708 @0 hz (SKGA)</li> <li>i 600x500@01 +z (VUGA)</li> <li>i 600x500@01 +z (VUGA)</li> <li>i 806x760@00 hz (VUGA)</li> <li>i 806x760@00 hz (VUGA)</li> <li>i 1806x768@00 hz</li> <li>i 280x760@00 hz (VUGA)</li> <li>i 280x760@800 hz (VUGA)</li> <li>i 280x760@800 hz (VUGA)</li> <li>i 280x760@800 hz (CIF)</li> <li>i 280x760@800 hz (CIF)</li> <li>i 280x760@30 hz (CIF)</li> <li>i 280x760@30 hz (CIF)</li> <li>i 280x760@30 hz (CIF)</li> <li>i 280x760@30 hz (VG8p)</li> <li>i 76x44@30 hz (CIF)</li> <li>i 280x760@30 hz (VG8p)</li> <li>i 280x760@30 hz (VS6A)</li> <li>i 280x760@30 hz (VS6A)</li></ul>		
1280.1024@01Hz (SVGA)1020.4708@060 Hz (SVGA)800.6000@0160 Hz (SVGA)640x480@060 Hz (VCA)1360.768@60 Hz1360.768@60 Hz1280.712<		
• 1024/79800 Hz (VGA)         • 800x600 @60 Hz (VGA)         • 640x80 @60 Hz (VUKGA)         • 1220x1200 @0 Hz (VUKGA)         • 1280x780 @60 Hz (VUKGA)         • 178x144 @30 Hz (CIF)         • 178x144 @30 Hz (VGA)         • 1024x57@ 30 Hz (VGA)         • 1024x57@ 30 Hz (VGA)         • 1024x57@ 30 Hz (VGA)         • 1020x120@ 30 Hz (VXGA)         • 1280x70@ 30 Hz (VX		
# 800:e00:801 Hz (SVGA)         # 6400:400:800 Hz (WUXGA)         * 1366:7288.800 Hz         * 1366:7288.800 Hz         * 1360:7288.800 Hz         * 1280:7288.800 Hz         * FALMTSC         * Extended Display Indentification Data (EDID)         Live Video Resolutions (Encode/Decode)         * 575:758448.800 Hz (WEF)         * 575:75848.800 Hz (WEB)         * 768:448.800 Hz (WASD)         * 704:576.800 Hz (WASD)         * 705:576.800 Hz (WASD)         * 705:576.800 Hz (WASD)		
<ul> <li>                  46/460 @60 Hz (VGUSGA)             </li> <li>                  1396/758@60 Hz             </li> <li>                  1306/758@60 Hz             </li> <li>                  1300/758@60 Hz             </li> <li>                  1300/758@60 Hz             </li> <li>                  1200/758@60 Hz             </li> <li>                      1200/758@60 Hz                      (CIF)                  </li> <li>                  152/238 30 Hz                       (CIF)                              55/248 48 30 Hz</li></ul>		
• 1920:1200@60 Hz (WUXGA)         • 1366/768@60 Hz         • 1366/768@60 Hz         • 1280/768@60 Hz (WXGA) <b>1260/768@60 Hz (WXGA) 1260/768@60 Hz (WXGA) 1260/768@00 Hz (WSGA) 1260/768@00 Hz (WSGA) 1260/768@00 Hz (WSGA) 1260/768@00 Hz (WSGA) 1260/726@00 Hz (WSGA) 1260/720@00 Hz (WSGA)</b> <		
• 1300/768@60 Hz         • 1200/768@60 Hz (WXGA)         YComposito Uupt (BAC Connector) (only on codec C60)         • PAL/NTSC         • Extended Display Indentification Data (EDID)         Live Video Resolutions (Encode/Decode)         • 170/Y144@30 Hz (CCIF)         • 175/Y14@30 Hz (WXBp)         • 170/Y144@30 Hz (WXBp)         • 170/Y144@30 Hz (WABp)         • 768/Y44@30 Hz (WASp)         • 768/Y44@30 Hz (WASp)         • 768/Y44@30 Hz (WASp)         • 768/Y44@30 Hz (WASp)         • 1024X756@30 Hz (WSGA)         • 1024X756@30 Hz (WSGA)         • 1280/720@30 Hz (WSGA)         • 1280/720@30 Hz (WSGA)         • 1280/720@30 Hz (WSGA)         • 1680/1500@30 Hz (WSGA)		
• 1280x768 @0 Hz (WXGA)         12 Composite Output (IRC Connector) (only on codec C60)         • PAL/NTSC         • Extended Display Indentification Data (EDID)         Live Video Resolutions (Encode/Decode)         • 576x448 @30 Hz (VCIF)         • 512x288 @30 Hz (W48p)         • 576x448 @30 Hz (W48p)         • 768x448 @30 Hz (W48p)         • 704x576 @30 Hz (W47p)         • 1024x576 @30 Hz (W67p)         • 1024x576 @30 Hz (W67p)         • 1024x678 @30 Hz (WGA)         • 1280x1024 @30 Hz (SVGA)         • 1280x1024 @30 Hz (WGA)         • 1280x1024 @30 Hz (WSGA)         • 1280x		
1X Composite Output (BNC Connector) (only on codec C60)         PAL/NTSC         Extended Display Indentification Data (EDID)         Live Video Resolutions (Encode/Decode)         \$176x144@30 Hz (QC)F)         \$512x288@30 Hz (CF)         \$512x288@30 Hz (CF)         \$512x288@30 Hz (VABp)         \$576x448@30 Hz (w44p)         \$704x576@30 Hz (w44p)         \$704x576@30 Hz (w44p)         \$102x4576@30 Hz (w44p)         \$102x4576@30 Hz (VGA)         \$102x4576@0 Hz (VSA)         \$102x070@30 Hz (VGA)         \$102x070		• 1360x768@60 Hz
1X Composite Output (BNC Connector) (only on codec C60)         PAL/NTSC         Extended Display Indentification Data (EDID)         Live Video Resolutions (Encode/Decode)         \$176x144@30 Hz (QC)F)         \$512x288@30 Hz (CF)         \$512x288@30 Hz (CF)         \$512x288@30 Hz (VABp)         \$576x448@30 Hz (w44p)         \$704x576@30 Hz (w44p)         \$704x576@30 Hz (w44p)         \$102x4576@30 Hz (w44p)         \$102x4576@30 Hz (VGA)         \$102x4576@0 Hz (VSA)         \$102x070@30 Hz (VGA)         \$102x070		• 1280x768@60 Hz (WXGA)
• PAL/NTSC         • Extended Display Indentification Data (EDID)         Live Video Resolutions (Encode/Decode)         • 176x144@30 Hz (OCIF)         • 512x288@30 Hz (w288p)         • 575x448@30 Hz (w288p)         • 575x44@30 Hz (w48p)         • 768x44@30 Hz (w48p)         • 768x44@30 Hz (w48p)         • 704x457@30 Hz (w76p)         • 640x480@30 Hz (VGA)         • 800x600@30 Hz (VGA)         • 102x457@30 Hz (W3GA)         • 1280x720@30 Hz (W3GA)         • 1860x150@30 Hz (W3GA) <th></th> <th></th>		
Live Video Resolutions (Encode/Decode) <ul> <li>176x144@30 Hz (QCIF)</li> <li>352x288@30 Hz (W28p)</li> <li>512x28@@30 Hz (W28p)</li> <li>765x448@30 Hz (W48p)</li> <li>765x448@30 Hz (W48p)</li> <li>765x448@30 Hz (W48p)</li> <li>765x48@30 Hz (W48p)</li> <li>765x630 Hz (W48p)</li> <li>765x630 Hz (W48p)</li> <li>765x630 Hz (W57p)</li> <li>640x480@30 Hz (VGA)</li> <li>800x600@30 Hz (VGA)</li> <li>102x4x76@30 Hz (WSA)</li> <li>102x4x76@30 Hz (WSA)</li> <li>102x4x76@30 Hz (WSA)</li> <li>1280x702@30 Hz (ZVGA)</li> <li>1280x702@30 Hz (WSA)</li> <li>140x9300@30 Hz (WSA)</li> <li>140x9300@30 Hz (WSA)</li> <li>1680x1050@30 Hz (WSA)</li> <li>1680x1020@30 Hz (WSA)</li> <li>1680x1050@30 Hz (WSA)</li></ul>		
Live Video Resolutions (Encode/Decode) <ul> <li>176x144@30 Hz (QCIF)</li> <li>352x288@30 Hz (W28p)</li> <li>512x28@@30 Hz (W28p)</li> <li>765x448@30 Hz (W48p)</li> <li>765x448@30 Hz (W48p)</li> <li>765x448@30 Hz (W48p)</li> <li>765x48@30 Hz (W48p)</li> <li>765x630 Hz (W48p)</li> <li>765x630 Hz (W48p)</li> <li>765x630 Hz (W57p)</li> <li>640x480@30 Hz (VGA)</li> <li>800x600@30 Hz (VGA)</li> <li>102x4x76@30 Hz (WSA)</li> <li>102x4x76@30 Hz (WSA)</li> <li>102x4x76@30 Hz (WSA)</li> <li>1280x702@30 Hz (ZVGA)</li> <li>1280x702@30 Hz (WSA)</li> <li>140x9300@30 Hz (WSA)</li> <li>140x9300@30 Hz (WSA)</li> <li>1680x1050@30 Hz (WSA)</li> <li>1680x1020@30 Hz (WSA)</li> <li>1680x1050@30 Hz (WSA)</li></ul>		<ul> <li>Extended Display Indentification Data (EDID)</li> </ul>
• 352x288@30 Hz (CIF)• 512x28@30 Hz (w288p)• 576x448@30 Hz (48p)• 768x448@30 Hz (448p)• 708x448@30 Hz (448p)• 704x57@30 Hz (448p)• 1024x57@30 Hz (40F)• 1024x57@30 Hz (WGA)• 800x600@30 Hz (WGA)• 800x600@30 Hz (WGA)• 800x600@30 Hz (SVGA)• 1280x1024@30 Hz (KNGA)• 1280x720@30 Hz (WXGA)• 1280x720@30 Hz (WXGA)• 1880x1050@30 Hz (WAGA)• 1	Live Video Resolutions (Encode/Decode)	
• 512x288@30 Hz (w288p)• 576x448@30 Hz (448p)• 768x48@30 Hz (w448p)• 764x576@30 Hz (w121)• 1024x576@30 Hz (w576p)• 640x480@30 Hz (w576p)• 640x480@30 Hz (w576p)• 640x480@30 Hz (w5A)• 1024x576@30 Hz (xGA)• 1280x1024@30 Hz (XSGA)• 1280x1024@30 Hz (WSGA+)• 1600x102@30 Hz (WXGA)• 1440x900@30 Hz (WXGA)• 1440x90@30 Hz (WXGA)• 1600x120@30 Hz (WSGA+)• 1000p30 from 1472kbps•	Live video Resolutions (Encode/Decode)	
<ul> <li>576x448@30 Hz (448p)</li> <li>768x448@30 Hz (448p)</li> <li>768x75@30 Hz (4CIP)</li> <li>1024x576@30 Hz (VGA)</li> <li>800x600@30 Hz (VGA)</li> <li>1024x758@30 Hz (XGA)</li> <li>1280x1024@30 Hz (SXGA)</li> <li>1280x708@30 Hz (WXGA)</li> <li>1280x708@30 Hz (WXGA)</li> <li>1280x768@30 Hz (WXGA)</li> <li>1280x768@0 Hz (wX88p60)</li> <li>1280x720@30, 60 fps (720p60)</li> <li>1280x720@30, 60 fps (720p60)</li> <li>1280x720@30 from 1472kbps</li> </ul> <li>Audio Standards         <ul> <li>G.711, G.722, G.722.1, 64 bit &amp; 128 bit MPEG4 AAC-LD, AAC-LD Stereo</li> <li>Audio Features</li> <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 Naise Reduction</li> <li>Automatic Gain Control (AGC)</li> <li>Automatic Gain Control (AGC)</li> <li>Automatic Naise Reduction</li> <li>Automatin Noise Reduction; all microphones cane be set for bal</li></ul></li>		
• 768x448@30 Hz (w448p) • 704x576@30 Hz (4CIF) • 1024x576@30 Hz (4CIF) • 1024x576@30 Hz (VGA) • 800x600@30 Hz (SVGA) • 1024x780@30 Hz (VGA) • 1024x780@30 Hz (XGA) • 1280x720@30 Hz (ZOA) • 1280x720@30 Hz (ZOA) • 1280x780@30 Hz (VGA) • 1280x780@30 Hz (VGA) • 1280x780@30 Hz (VGA) • 1280x780@30 Hz (VXGA) • 1280x780@30 Hz (WXGA) • 1440x900@30 Hz (WXGA) • 1440x90@30 Hz (WXGA) • 1680x1050@30 Hz (WXGA) • 1680x1050@30 Hz (WXGA) • 1680x1050@30 Hz (WXGA) • 1680x1050@30 Hz (WXGA) • 1680x1200@30 Hz (WA5860) • 1024x576@60 Hz (w458660) • 1024x576@60 Hz (w576660) • 1024x576@00 • 720p30 from 1152kbps • 1280x720@30, 60 fps (720p60) • 720p30 from 1152kbps • 1080p30 from 1162kbps • 4port (C60) 2-port(C40) Audio mixer • Automatic Sain Control (AGC) • Automatic Noise Reduction • Automatic Noise Reduction • ALU (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 4x (C60) 2x (C40) microphone, 48V phantom powere		
• 704x576@30 Hz (4CIF)• 1024x576@30 Hz (VGA)• 640x480@30 Hz (VGA)• 800x500@30 Hz (SVGA)• 1024x768@30 Hz (SVGA)• 1024x768@30 Hz (SXGA)• 1280x1024@30 Hz (SXGA)• 1280x1024@30 Hz (SXGA)• 1280x720@30 Hz (T20p30)• 1280x70@30 Hz (WXGA)• 1280x70@30 Hz (WXGA)• 1440x900@30 Hz (WXGA)• 1460x900@30 Hz (WXGA)• 1460x900@30 Hz (WXGA)• 1460x900@30 Hz (WXGA)• 1460x900@30 Hz (WXGA)• 1480x90@30 Hz (WXGA)• 1680x120@30 Hz (WXGA)• 1680x120@30 Hz (WXGA)• 1680x120@30 Hz (WXGA)• 1680x120@30 Hz (WXGA)• 1280x720@30, 60 hz (WSGA+)• 1680x120@30 Hz (WXGA)• 1280x720@30, 60 hz (V2S6+)• 1024x576@60 Hz (w288p60)• 768x448@60 Hz (w448p60)• 768x448@60 Hz (w448p60)• 720p30 from 768kbps• 720p30 from 152kbps• 1080p30 from 1472kbps• 20p30 (F00) 2-port(C40) Audio mixer• 4-port (C60) 2-port(C40) Audio mixer• 4-port (C60) 2-port(C4		
+ 1024x57@30 Hz (w576p)• 640x480@30 Hz (VGA)• 800x600@30 Hz (SVGA)• 1024x758@30 Hz (XGA)• 1280x1024@30 Hz (XGA)• 1280x702@30 Hz (T20p30)• 1280x702@30 Hz (VXGA)• 1280x708@30 Hz (WXGA)• 1280x76@30 Hz (WXGA)• 1280x76@30 Hz (WXGA)• 1280x76@30 Hz (WXGA)• 1280x76@30 Hz (WXGA)• 1680x1050@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA)• 1680x1200@30 Hz (WSABp60)• 1024x57@80.60 Hz (w57bp60)• 1024x57@80.60 Hz (w57bp60)• 1024x57@80.60 Hz (w57bp60)• 1029x72@30.60 fps (720p60)• 720p30 from 768kbps• 720p40 from 1152kbps• 1080p30 from 1472kbps• 1080p30 from 1472kbps<		
• 640x480@30 Hz (VGA)         • 800x600@30 Hz (SVGA)         • 1024x768@30 Hz (SGA)         • 1280x720@30 Hz (SXGA)         • 1280x720@30 Hz (T20p30)         • 1280x720@30 Hz (WXGA)         • 1280x768@30 Hz (WXGA)         • 1280x768@30 Hz (WXGA)         • 1280x768@30 Hz (WXGA)         • 1280x768@30 Hz (WXGA)         • 1440x900@30 Hz (WXGA)         • 1680x1050@30 Hz (WXGA)         • 1680x1050@30 Hz (WXGA)         • 1680x1050@30 Hz (WXGA)         • 1680x1050@30 Hz (WXGA)         • 1280x720@30, 60 fps (720p60)         • 720p30 from 768kbps         • 720p60 from 1452kbps         • 1080y30 irom 1472kbps         Audio Standards         • G.711, G.722, G.722, I, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD Stereo         Audio Features         • CD-Quality 20KHz Mono and Stereo         • Four separate acoustic echo cancellers         • 4-port (C60) 2-port(C40) Audio mixer         • Automatic Raise Reduction         • Active lip synchronization         • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)         • Automatic Noise Reduction		
• 800x600@30 Hz (SVGA)         • 1024x768@30 Hz (SXGA)         • 1280x1024@30 Hz (SXGA)         • 1280x1024@30 Hz (XXGA)         • 1280x1024@30 Hz (VXGA)         • 1280x768@30 Hz (WXGA)         • 1280x768@30 Hz (WXGA)         • 1440x90@30 Hz (WXGA)         • 1440x90@30 Hz (WXGA)         • 1440x90@30 Hz (WXGA)         • 1660x1050@30 Hz (WXGA)         • 1660x100@30 Hz (WXGA)         • 1660x1200@30 Hz (WXGA)         • 1600x1200@30 Hz (WXGA)         • 1280x720@30.60 fps (720p60)         • 1280x720@30.60 fps (720p60)         • 1280x720@30.60 fps (720p60)         • 1280x720@30.60 fps (720p60)         • 1080p30 from 1472kbps         Au		
• 1024x768@30 Hz (XGA)• 1280x1024@30 Hz (SXGA)• 1280x720@30 Hz (T20p30)• 1280x720@30 Hz (1080p30)• 1280x766@30 Hz (1080p30)• 1280x766@30 Hz (WXGA)• 1440x900@30 Hz (WXGA)• 1440x900@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1680x120@30 Hz (WXGA)• 1280x720@30, 00 tps (720p60)• 768x448@60 Hz (w248p60)• 1024x576@60 Hz (w576p60)• 1024x576@60 Hz (w576p60)• 1024x576@60 Hz (w576p60)• 1026x720@30, 60 tps (720p60)• 720p60 from 1152kbps• 1080p30 from 1472kbpsAudio Standards• G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features• CD-Quality 20KHz Mono and Stereo• Four separate acoustic echo cancellers• 4-port (C60) 2-port(C40) Audio mixer• Automatic Gain Control (AGC)• Automatic Gain Control (AGC)• Automatic Colo 2x (C40) microphone, 48V phantom powered, XLR connector each with separate echocancellers and noise reduction; all microphones can be set for balanced line level• ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
• 1280x1024@30 Hz (SXGA)         • 1280x720@30 Hz (720p30)         • 1280x71080@30 Hz (1080p30)         • 1280x768@30 Hz (WXGA)         • 1440x900@30 Hz (WXGA+)         • 1680x1050@30 Hz (WXGA+)         • 1680x1050@30 Hz (WXGA)         • 1600x1200@30 Hz (WXGA)         • 1280x720@30.60 Hz (w28p60)         • 720p30 from 768kbps         • 720p30 from 768kbps         • 720p30 from 1472kbps         • 1080p30 from 1472kbps         • 1080p30 from 1472kbps         • 020-Quality 20KHz Mono and Stereo         • Four separate acoustic echo cancellers         • 4-port (C60) 2-port(C40) Audio mixer         • Automatic Gain Control (AGC)         • Automatic Noise Reduction         • Active lip synchronization         • ALD (Assistive Listening Devices) support with acoustic echo cancellatio		
+ 1280x720@30 Hz (720p30)+ 1920x1080@30 Hz (1080p30)+ 1280x768@30 Hz (WXGA)+ 1440x900@30 Hz (WXGA+)+ 1680x1050@30 Hz (WXGA+)+ 1680x1050@30 Hz (WXGA+)+ 1600x1200@30 Hz (UXGA)+ 512x288@60 Hz (w288p60)- 768x448@60 Hz (w448p60)+ 1024x576@60 Hz (w576p60)- 1280x720@30, 60 fps (720p60)- 720p30 from 768kbps- 720p30 from 768kbps- 720p60 from 1152kbps- 1080p30 from 1472kbpsAudio Standards- G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features- CD-Quality 20KHz Mono and Stereo- Four separate acoustic echo cancellers- 4-port (C60) 2-port(C40) Audio mixer- Automatic Noise Reduction- Active lip synchronization- ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)- 4x (C60) 2x (C40) microphone, 49 th pantom powered, XLR connector each with separate echo cancellers and noise reduction; all microphones can be stor for algorated line level- Audio Inputs (7 Inputs)- 2x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
• 1920x1080@30 Hz (1080p30)• 1280x768@30 Hz (WXGA)• 1440x900@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1600x1200@30 Hz (WXGA+)• 1024x576@60 Hz (w48p60)• 1026w510 Hz (w1152kps• 1080p30 from 1452kps• 2000 from 1472kps• 4utio Incole Cole 2 - port(C40) Audio mixer• 4utomatic Gain Control (AGC)• Automatic Noise Reduction• Automatic Noise Reduction		
• 1280x768@30 Hz (WXGA)• 1440x900@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA)• 512x288@60 Hz (WXGA)• 512x288@60 Hz (WXGA)• 512x288@60 Hz (WXGA)• 512x288@60 Hz (WXGA)• 1280x720@30, 80 Hz (WXGA)• 1024x576@60 Hz (w448960)• 1024x576@60 Hz (w576960)• 720p30 from 768kbps• 720p30 from 768kbps• 720p30 from 768kbps• 720p60 from 1152kbps• 1080p30 from 1472kbpsAudio Standards• G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features• CD-Quality 20KHz Mono and Stereo• Four separate acoustic echo cancellers• 4-port (C60) 2-port(C40) Audio mixer• Automatic Gain Control (AGC)• Automatic Noise Reduction• Active lip synchronization• ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
• 1440x900@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA+)• 1680x1050@30 Hz (WXGA)• 1600x1200@30 Hz (UXGA)• 512x288@60 Hz (wX88p60)• 768x448@60 Hz (w48p60)• 1024x576@60 Hz (w576p60)• 1024x576@00 (or provide for the second for the sec		
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+ 1600x1200@30 Hz (UXGA)+ 512x288@60 Hz (w288p60)+ 768x448@60 Hz (w48p60)+ 1024x576@60 Hz (w576p60)+ 1280x720@30, 60 fps (720p60)+ 720p30 from 768kbps+ 720p60 from 1152kbps+ 1080p30 from 1472kbps+ 1080p30 from 1472kbps+ 1080p30 from 1472kbps+ 1080p30 from 1472kbps+ 000p30		
• 512x288@60 Hz (w288p60)• 768x448@60 Hz (w448p60)• 1024x576@60 Hz (w576p60)• 1024x576@60 Hz (w576p60)• 1280x720@30, 60 fps (720p60)• 720p30 from 768kbps• 720p60 from 1152kbps• 1080p30 from 1472kbpsAudio Standards• G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features• CD-Quality 20KHz Mono and Stereo• Four separate acoustic echo cancellers• 4-port (C60) 2-port(C40) Audio mixer• Automatic Gain Control (AGC)• Automatic Voise Reduction• Active lip synchronization• ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 4x (C60) 2x (C40) microphone, 48V phantom powered, XLR connector each with separate echo• 2x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
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• 1024x576@60 Hz (w576p60)• 1280x720@30, 60 fps (720p60)• 720p30 from 768kbps• 720p60 from 1152kbps• 1080p30 from 1472kbpsAudio Standards• G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features• CD-Quality 20KHz Mono and Stereo• Four separate acoustic echo cancellers• 4-port (C60) 2-port(C40) Audio mixer• Automatic Gain Control (AGC)• Automatic Gain Control (AGC)• Automatic Vise Reduction• Active lip synchronization• ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 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• 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
• 1280x720@30, 60 fps (720p60)• 720p30 from 768kbps• 720p60 from 1152kbps• 1080p30 from 1472kbps• G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features• CD-Quality 20KHz Mono and Stereo• Four separate acoustic echo cancellers• 4-port (C60) 2-port(C40) Audio mixer• Automatic Gain Control (AGC)• Automatic Noise Reduction• Active lip synchronization• ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 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• 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
• 720p30 from 768kbps • 720p60 from 1152kbps • 1080p30 from 1472kbpsAudio Standards• G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features• CD-Quality 20KHz Mono and Stereo • Four separate acoustic echo cancellers • 4-port (C60) 2-port(C40) Audio mixer • Automatic Gain Control (AGC) • Automatic Noise Reduction • Active lip synchronization • Active lip synchronization • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 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 • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
Audio Standards• 1080p30 from 1472kbpsAudio Standards• G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD StereoAudio Features• CD-Quality 20KHz Mono and Stereo • Four separate acoustic echo cancellers • 4-port (C60) 2-port(C40) Audio mixer • Automatic Gain Control (AGC) • Automatic Noise Reduction • Active lip synchronization • Active lip synchronization • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)Audio Inputs (7 Inputs)• 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 • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
Audio Standards       • G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD Stereo         Audio Features       • CD-Quality 20KHz Mono and Stereo         • Four separate acoustic echo cancellers       • 4-port (C60) 2-port(C40) Audio mixer         • Automatic Gain Control (AGC)       • Automatic Noise Reduction         • Active lip synchronization       • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)         Audio Inputs (7 Inputs)       • 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         • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		• 720p60 from 1152kbps
Audio Features       • CD-Quality 20KHz Mono and Stereo         • Four separate acoustic echo cancellers       • 4-port (C60) 2-port(C40) Audio mixer         • Automatic Gain Control (AGC)       • Automatic Noise Reduction         • Active lip synchronization       • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)         Audio Inputs (7 Inputs)       • 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         • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		• 1080p30 from 1472kbps
Audio Features       • CD-Quality 20KHz Mono and Stereo         • Four separate acoustic echo cancellers       • 4-port (C60) 2-port(C40) Audio mixer         • Automatic Gain Control (AGC)       • Automatic Noise Reduction         • Active lip synchronization       • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)         Audio Inputs (7 Inputs)       • 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         • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono	Audio Standards	G 711 G 722 G 722 1 64 bit & 128 bit MPEG4 AAC I D AAC I D Stereo
• Four separate acoustic echo cancellers         • 4-port (C60) 2-port(C40) Audio mixer         • Automatic Gain Control (AGC)         • Automatic Noise Reduction         • Active lip synchronization         • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)         • Audio Inputs (7 Inputs)         • 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         • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
• 4-port (C60) 2-port(C40) Audio mixer         • Automatic Gain Control (AGC)         • Automatic Noise Reduction         • Active lip synchronization         • ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)         Audio Inputs (7 Inputs)         • 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         • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono	Audio Features	
<ul> <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> <li>Audio Inputs (7 Inputs)</li> <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</li> </ul>		
Automatic Noise Reduction     Active lip synchronization     ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)     Audio Inputs (7 Inputs)     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     2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
Active lip synchronization     ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)      Audio Inputs (7 Inputs)     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     2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
ALD (Assistive Listening Devices) support with acoustic echo cancellation (only C60)  Audio Inputs (7 Inputs)     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     2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
Audio Inputs (7 Inputs)       • 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         • 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono		
<ul> <li>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</li> </ul>		
• 2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono	Audio Inputs (7 Inputs)	• 4x (C60) 2x (C40) microphone, 48V phantom powered, XLR connector each with separate echo
auxiliary/DVD input		
<ul> <li>1 x HDMI, digital: Stereo PC/DVD inputs</li> </ul>		
	Audio Outputo (2 Outputo)	
Audio Outputs (3 Outputs) • 2 x RCA/Phono, line level, stereo main audio, configurable to S/PDIF or 2 x RCA/Phono, line level, mono to recording device	Audio Outputs (3 Outputs)	
<ul> <li>1 x HDMI, digital, stereo main audio</li> </ul>		

Specification	Description
Dual Stream	• H.239 (H.323) dual stream
	BFCP (SIP) dual stream
	Support for resolutions up to 1080p30/WUXGA, independent of main stream resolution (C60)
	Support for resolution up to WXGA, independent of main stream resolution (C40)
Multisite Features	<ul> <li>4-way 720p30 (C60) / w576p30 (C40) High Definition SIP/H.323 MultiSite</li> </ul>
	<ul> <li>Full individual audio and video transcoding</li> </ul>
	Individual layouts in MultiSite CP (takes out Self View) H.323/SIP/VoIP in the same conference
	Best Impression (Automatic CP Layouts)
	• H.264, Encryption, Dual Stream from any site
	IP Down speeding     Dist is (Rist and
	Dial-in/Dial-out     Additional telephone call (as license required)
	<ul> <li>Additional telephone call (no license required)</li> <li>Conference rates up to 10 Mbps</li> </ul>
Protocols	• H.323
	• SIP
Embedded Encryption	H.323/SIP point-to-point
	Standards-based: H.235 v2 & v3 and AES
	Automatic key generation and exchange
	Supported in Dual Stream
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
	Direct DNS dialing
	802.1x Network authentication
	ClearPath
IPv6 Network Support	Single call stack support for both H323 and SIP
	<ul> <li>Dual-stack IPv4 and IPv6 for DHCP, SSH, HTTP, HTTPS, DNS, DiffServ</li> </ul>
	<ul> <li>Support for both Static and Autoconfig (stateless address auto config)</li> </ul>
Security Features	Management via HTTPS and SSH
•	IP Administration Password
	Menu Administration Password
	Disable IP services
	Network Settings protection
Network Interfaces	• 2 x LAN/Ethernet (RJ-45) 10/100/1000 Mbit
Other Interfaces	USB host for future usage (only Codec C60)
Other Interfaces	<ul> <li>USB host for future usage (only Codec C60)</li> <li>USB device for future usage</li> </ul>
Other Interfaces	
	USB device for future usage     GPIO <sup>®</sup> (only Codec C60)
Other Interfaces Cisco TelePresence Precision HD Camera (1080P)	USB device for future usage     GPIO <sup>°</sup> (only Codec C60)     1/3" CMOS
Cisco TelePresence Precision HD Camera	USB device for future usage     GPIO <sup>°</sup> (only Codec C60)      1/3" CMOS     12 x zoom
Cisco TelePresence Precision HD Camera	USB device for future usage     GPIO <sup>°</sup> (only Codec C60)     1/3" CMOS
Cisco TelePresence Precision HD Camera	<ul> <li>USB device for future usage</li> <li>GPIO<sup>*</sup> (only Codec C60)</li> <li>1/3" CMOS</li> <li>12 x zoom</li> <li>+15<sup>9</sup>-25° tilt, +/- 90° pan</li> </ul>
Cisco TelePresence Precision HD Camera	<ul> <li>USB device for future usage</li> <li>GPIO<sup>*</sup> (only Codec C60)</li> <li>1/3" CMOS</li> <li>12 x zoom</li> <li>+157-25° tilt, +/- 90° pan</li> <li>43.5° vertical field of view</li> </ul>
Cisco TelePresence Precision HD Camera	<ul> <li>USB device for future usage</li> <li>GPIO<sup>*</sup> (only Codec C60)</li> <li>1/3" CMOS</li> <li>12 x zoom</li> <li>+157-25° tilt, +/- 90° pan</li> <li>43.5° vertical field of view</li> <li>72° horizontal field of view</li> </ul>
Cisco TelePresence Precision HD Camera	<ul> <li>USB device for future usage</li> <li>GPIO<sup>°</sup> (only Codec C60)</li> <li>1/3" CMOS</li> <li>12 x zoom</li> <li>+157-25° 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> </ul>
Cisco TelePresence Precision HD Camera	<ul> <li>USB device for future usage</li> <li>GPIO<sup>°</sup> (only Codec C60)</li> <li>1/3" CMOS</li> <li>12 x zoom</li> <li>+157-25° 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> </ul>
Cisco TelePresence Precision HD Camera	<ul> <li>USB device for future usage</li> <li>GPIO<sup>°</sup> (only Codec C60)</li> <li>1/3" CMOS</li> <li>12 x zoom</li> <li>+159-25° 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):</li> </ul>

<ul> <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> <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> </ul>
<ul> <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> <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> </ul>
<ul> <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> <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> </ul>
<ul> <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> <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> </ul>
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Upside-down mounting with automatic flipping of picture     Support for the Cisco TelePresence Management Suite     Total management through embedded SNMP, Telnet, SSH, XML, SOAP     Remote software upload: Through web server, SCP, HTTP, HTTPS     1 x RS-232 for local control and diagnostics
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• 1 x RS-232 for local control and diagnostics
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Remote control and on across many system
<ul> <li>Remote control and on-screen menu system</li> </ul>
Cisco Telepresence touch screen – touch user interface device
Support for Local Directories (My Contacts)
Corporate Directory
<ul> <li>Unlimited entries using Server directory supporting LDAP and H.350</li> </ul>
Unlimited number for Corporate directory (through Cisco TelePresence Management Suite)
<ul> <li>200 number local directory Directories in Local Languages</li> </ul>
Received Calls with Date and Time
<ul> <li>Placed Calls with Date and Time</li> </ul>
Missed Calls with Date and Time
Auto-sensing power supply
• 100–120/200–240 VAC, 60/50 Hz, 6A max
<ul> <li>175 watts max. for codec and main camera</li> </ul>
<ul> <li>Maximum power rating complete system, single 526 W / dual 870 W</li> </ul>
<ul> <li>0°C to 35°C (32°F to 95°F) ambient temperature</li> </ul>
• 10% to 90% Relative Humidity (RH)
<ul> <li>-20°C to 60°C (-4°F to 140°F) at RH 10–90% (non -condensing)</li> </ul>
Cisco TelePresence Profile 52-inch:
• Height: 63.78"/162 cm
• Width: 47.25"/120 cm
• Depth: 6.7"/17 cm
• Weight: 253.5 lbs/115 kg
Cisco TelePresence Profile 52-inch Dual:
• Height: 63.78"/162 cm
• Width: 94.5"/240 cm
• Depth: 6.7"/17 cm
<ul> <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: <a href="http://www.cisco.com/go/telepresenceservices">http://www.cisco.com/go/telepresenceservices</a>.

#### For More Information

For more information about the Cisco TelePresence Profile 52-inch, visit <u>http://www.cisco.com/go/telepresence</u> 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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