

## Cisco TelePresence Precision Cameras

When you need the best clarity for video conferencing, the Cisco TelePresence® Precision Camera (Precision Camera) portfolio not only delivers a premier imaging experience, but also gives you a high level of flexibility for easy integration into meeting rooms, boardrooms, and special industry projects.

### Product Overview

The Cisco TelePresence Precision Camera (Figure 1) enables you to fully realize a high-definition experience with superior video quality at any bandwidth. Designed specifically for video conferencing, it provides crystal-clear, true-to-life quality for interaction and collaboration. The Precision Camera portfolio is available in four versions, providing a powerful integrator imaging solution for meeting rooms ranging from small to very large:

- Cisco TelePresence PrecisionHD 2.5x Camera
- Cisco TelePresence PrecisionHD 4x Camera
- Cisco TelePresence Precision 60 Camera
- Cisco TelePresence PrecisionHD 12x Camera





**Figure 1.** Cisco TelePresence Precision 60 Camera



## Cisco TelePresence Precision Camera Features

Table 1 summarizes the main features of the Cisco TelePresence Precision Camera portfolio.

**Table 1.** Cisco TelePresence Precision Camera Features

Specifications				
	Cisco TelePresence PrecisionHD 2.5x Camera	Cisco TelePresence PrecisionHD 4x Camera	Cisco TelePresence Precision 60 Camera	Cisco TelePresence PrecisionHD 12x Camera
<b>Product ID</b>	CTS-PHD-2.5X=	CTS-PHD1080P4XS2=	CTS-P60-K9=	CTS-PHD1080P12XS2= (gen 2)
<b>Resolution</b>	<ul style="list-style-type: none"> <li>1920 x 1080 at 60 fps</li> </ul>	<ul style="list-style-type: none"> <li>1920 x 1080 at 60 fps</li> </ul>	<ul style="list-style-type: none"> <li>1920 x 1080 at 60 fps</li> </ul>	<ul style="list-style-type: none"> <li>1920 x 1080 at 60 fps</li> </ul>
<b>Zoom</b>	<ul style="list-style-type: none"> <li>2.5x optical zoom</li> <li>2x digital zoom</li> <li>5x total zoom</li> </ul>	<ul style="list-style-type: none"> <li>4x optical zoom</li> <li>2x digital zoom</li> <li>8x total zoom</li> </ul>	<ul style="list-style-type: none"> <li>10x optical zoom</li> <li>2x digital zoom</li> <li>20x total zoom</li> </ul>	<ul style="list-style-type: none"> <li>12x optical zoom</li> </ul>
<b>Pan and tilt</b>	<ul style="list-style-type: none"> <li>Pan range: +/-30°</li> <li>Tilt range: -25° to +5°</li> </ul>	<ul style="list-style-type: none"> <li>Pan range: +/-90°</li> <li>Tilt range: -25° to +15°</li> </ul>	<ul style="list-style-type: none"> <li>Pan range: +/-100 degrees</li> <li>Tilt range: +/-20 degrees</li> </ul>	<ul style="list-style-type: none"> <li>Pan range: +/-100 degrees</li> <li>Tilt range: +/-20 degrees</li> </ul>
<b>Field of view (FoV)</b>	<ul style="list-style-type: none"> <li>Horizontal FoV: 83°</li> <li>Vertical FoV: 52.5°</li> </ul>	<ul style="list-style-type: none"> <li>Horizontal FoV: 70°</li> <li>Vertical FoV: 43.5°</li> </ul>	<ul style="list-style-type: none"> <li>Horizontal FoV: 80°</li> <li>Vertical FoV: 48.8°</li> </ul>	<ul style="list-style-type: none"> <li>Horizontal FoV: 72°</li> <li>Vertical FoV: 43.5°</li> </ul>
<b>Focus distance</b>	<ul style="list-style-type: none"> <li>0.3m to infinity (wide)</li> </ul>	<ul style="list-style-type: none"> <li>0.3m to infinity (wide)</li> </ul>	<ul style="list-style-type: none"> <li>1.0m to infinity (wide)</li> </ul>	<ul style="list-style-type: none"> <li>0.3m to infinity (wide)</li> </ul>
<b>F-value</b>	<ul style="list-style-type: none"> <li>2.0</li> </ul>	<ul style="list-style-type: none"> <li>1.7</li> </ul>	<ul style="list-style-type: none"> <li>1.5</li> </ul>	<ul style="list-style-type: none"> <li>1.7</li> </ul>
<b>Camera control</b>	<ul style="list-style-type: none"> <li>Custom cable</li> </ul>	<ul style="list-style-type: none"> <li>Custom cable</li> </ul>	<ul style="list-style-type: none"> <li>Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>RJ-45</li> </ul>
<b>Focus, white balance, and brightness</b>	Manual or automatic			
<b>Video interfaces</b>	<ul style="list-style-type: none"> <li>HDMI 1.4</li> </ul>	<ul style="list-style-type: none"> <li>HDMI 1.4</li> </ul>	<ul style="list-style-type: none"> <li>HDMI 1.4</li> <li>3G-SDI</li> </ul>	<ul style="list-style-type: none"> <li>HDMI 1.4</li> <li>3G-SDI</li> </ul>
<b>Power</b>	-	-	<ul style="list-style-type: none"> <li>12V/3A</li> <li>100-120/200-240 VAC, 50/60 Hz</li> </ul>	-
<b>Operating temperature and humidity</b>	<ul style="list-style-type: none"> <li>0 to 40°C (32 to 104°F) ambient temperature</li> <li>10 to 90% relative humidity (RH)</li> </ul>			
<b>Storage and transport temperature</b>	-20 to 60°C (-4 to 140°F) at RH 10-90% (noncondensing)			
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>Length: 3.7 in. (9.4 cm)</li> <li>Height (at max. tilt): 3.84 in. (9.7 cm)</li> <li>Depth: 5.3 in. (13.5 cm)</li> <li>Weight: 0.88 lb (0.4 kg)</li> </ul>	<ul style="list-style-type: none"> <li>Length: 8.35 in. (21.2 cm)</li> <li>Height (at max. tilt): 5.92 in. (15.1 cm)</li> <li>Depth: 5.45 in. (13.8 cm)</li> <li>Weight: 3.17 lb (1.4 kg)</li> </ul>	<ul style="list-style-type: none"> <li>Length: 10.6 in. (26.8 cm)</li> <li>Height (at max. tilt): 7.1 in. (18 cm)</li> <li>Depth: 6.4 in. (16.3 cm)</li> <li>Weight: 5.5 lb (2.5 kg)</li> </ul>	<ul style="list-style-type: none"> <li>Length: 5.8 in. (14.7 cm)</li> <li>Height (at max. tilt): 6.8 in. (17.2 cm)</li> <li>Depth: 5.8 in. (14.7 cm)</li> <li>Weight: 3.95 lb (1.8 kg)</li> </ul>
<b>Network interfaces</b>	-	-	<ul style="list-style-type: none"> <li>One LAN/Ethernet (RJ-45) 10/100 Mbit</li> </ul>	-

**Note:** Product specifications are estimates and are subject to change without notice.

## Ordering Information

To place an order, visit the [Cisco Ordering homepage](#) and refer to Table 2.

**Table 2.** Ordering Information

Product Name	Part Number	Compliance Model Number
<b>Cisco TelePresence Precision Camera spares</b>		
<b>Precision 20 Camera (spare)</b>	CTS-PHD-2.5X=	TTC8-06
<b>Precision 40 Camera (spare)</b>	CTS-PHD1080P4XS2=	TTC8-05
<b>Precision 60 Camera (spare)</b>	CTS-CAM-P60=	TTC8-07
<b>Precision 12X Camera (spare)</b>	CTS-PHD1080P12XS2= (gen 2)	TTC8-02

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## For More Information

For more information about the Cisco TelePresence Precision Cameras, visit <http://www.cisco.com/go/telepresence> or contact your local Cisco account representative or authorized Cisco partner.



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