

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
Product ID	CTS-PHD-2.5X=	CTS-PHD1080P4XS2=	CTS-P60-K9=	CTS-PHD1080P12XS2= (gen 2)
Resolution	<ul style="list-style-type: none"> 1920 x 1080 at 60 fps 	<ul style="list-style-type: none"> 1920 x 1080 at 60 fps 	<ul style="list-style-type: none"> 1920 x 1080 at 60 fps 	<ul style="list-style-type: none"> 1920 x 1080 at 60 fps
Zoom	<ul style="list-style-type: none"> 2.5x optical zoom 2x digital zoom 5x total zoom 	<ul style="list-style-type: none"> 4x optical zoom 2x digital zoom 8x total zoom 	<ul style="list-style-type: none"> 10x optical zoom 2x digital zoom 20x total zoom 	<ul style="list-style-type: none"> 12x optical zoom
Pan and tilt	<ul style="list-style-type: none"> Pan range: +/-30° Tilt range: -25° to +5° 	<ul style="list-style-type: none"> Pan range: +/-90° Tilt range: -25° to +15° 	<ul style="list-style-type: none"> Pan range: +/-100 degrees Tilt range: +/-20 degrees 	<ul style="list-style-type: none"> Pan range: +/-100 degrees Tilt range: +/-20 degrees
Field of view (FoV)	<ul style="list-style-type: none"> Horizontal FoV: 83° Vertical FoV: 52.5° 	<ul style="list-style-type: none"> Horizontal FoV: 70° Vertical FoV: 43.5° 	<ul style="list-style-type: none"> Horizontal FoV: 80° Vertical FoV: 48.8° 	<ul style="list-style-type: none"> Horizontal FoV: 72° Vertical FoV: 43.5°
Focus distance	<ul style="list-style-type: none"> 0.3m to infinity (wide) 	<ul style="list-style-type: none"> 0.3m to infinity (wide) 	<ul style="list-style-type: none"> 1.0m to infinity (wide) 	<ul style="list-style-type: none"> 0.3m to infinity (wide)
F-value	<ul style="list-style-type: none"> 2.0 	<ul style="list-style-type: none"> 1.7 	<ul style="list-style-type: none"> 1.5 	<ul style="list-style-type: none"> 1.7
Camera control	<ul style="list-style-type: none"> Custom cable 	<ul style="list-style-type: none"> Custom cable 	<ul style="list-style-type: none"> Ethernet 	<ul style="list-style-type: none"> RJ-45
Focus, white balance, and brightness	Manual or automatic			
Video interfaces	<ul style="list-style-type: none"> HDMI 1.4 	<ul style="list-style-type: none"> HDMI 1.4 	<ul style="list-style-type: none"> HDMI 1.4 3G-SDI 	<ul style="list-style-type: none"> HDMI 1.4 3G-SDI
Power	-	-	<ul style="list-style-type: none"> 12V/3A 100-120/200-240 VAC, 50/60 Hz 	-
Operating temperature and humidity	<ul style="list-style-type: none"> 0 to 40°C (32 to 104°F) ambient temperature 10 to 90% relative humidity (RH) 			
Storage and transport temperature	-20 to 60°C (-4 to 140°F) at RH 10-90% (noncondensing)			
Dimensions	<ul style="list-style-type: none"> Length: 3.7 in. (9.4 cm) Height (at max. tilt): 3.84 in. (9.7 cm) Depth: 5.3 in. (13.5 cm) Weight: 0.88 lb (0.4 kg) 	<ul style="list-style-type: none"> Length: 8.35 in. (21.2 cm) Height (at max. tilt): 5.92 in. (15.1 cm) Depth: 5.45 in. (13.8 cm) Weight: 3.17 lb (1.4 kg) 	<ul style="list-style-type: none"> Length: 10.6 in. (26.8 cm) Height (at max. tilt): 6 in. (15.2 cm) Depth: 6.4 in. (16.3 cm) Weight: 5.5 lb (2.5 kg) 	<ul style="list-style-type: none"> Length: 5.8 in. (14.7 cm) Height (at max. tilt): 6.8 in. (17.2 cm) Depth: 5.8 in. (14.7 cm) Weight: 3.95 lb (1.8 kg)
Network interfaces	-	-	<ul style="list-style-type: none"> One LAN/Ethernet (RJ-45) 10/100 Mbit 	-

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
Cisco TelePresence Precision Camera spares		
Precision 20 Camera (spare)	CTS-PHD-2.5X=	TTC8-06
Precision 40 Camera (spare)	CTS-PHD1080P4XS2=	TTC8-05
Precision 60 Camera (spare)	CTS-CAM-P60=	TTC8-07
Precision 12X Camera (spare)	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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