

Cisco TelePresence PrecisionHD Cameras

Cisco TelePresence PrecisionHD Camera – 720p

Cisco TelePresence PrecisionHD Camera – 1080p 12x

Cisco TelePresence PrecisionHD Camera – 1080p 4x

Cisco TelePresence PrecisionHD Camera – 1080p 4xS2

Cisco TelePresence PrecisionHD Camera – 1080p 2.5x

Figure 1. Cisco TelePresence PrecisionHD Camera – 1080p 12x



The Cisco TelePresence® portfolio creates an immersive, face-to-face experience over the network, empowering you to collaborate with others as 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 reduce time to market.

Product Overview

The Cisco TelePresence PrecisionHD Camera (Figure 1) enables users to fully realize the high-definition experience and provides superior video quality at any bandwidth. Designed specifically for videoconferencing, it provides crystal-clear, true-to-life quality for interaction and collaboration. The PrecisionHD Camera is available in four versions: the Cisco TelePresence PrecisionHD Camera – 720p, Cisco TelePresence PrecisionHD Camera – 1080p 4x, Cisco TelePresence PrecisionHD Camera – 1080p 4xS2 and Cisco TelePresence PrecisionHD Camera – 1080p12x.




Cisco TelePresence PrecisionHD Camera Features

Table 1 summarizes the main features of the Cisco TelePresence PrecisionHD Camera.

Table 1. Cisco TelePresence PrecisionHD Camera Features

Feature	Cisco TelePresence PrecisionHD Camera - 720p	Cisco TelePresence PrecisionHD Camera - 1080p 12x	Cisco TelePresence PrecisionHD Camera - 1080p 4x	Cisco TelePresence PrecisionHD Camera - 1080p 4xS2	PrecisionHD Camera 1080p 2.5x
Features	<ul style="list-style-type: none"> High-definition camera designed by Cisco Fast and smooth video handling Automatic or manual focus, brightness, and white balance In-call LED indicator Power indicator Auto-iris sensor 	<ul style="list-style-type: none"> Ultimate high-definition camera designed by Cisco Full 1080 HD Upside-down mounting with automatic flipping of picture Dual high-definition multimedia interface (HDMI) and high-definition serial digital interface (HDS-SDI) output Improved autofocus with multifocus points Improved white balance with ambient light sensor Automatic or manual focus, brightness, and white balance In-call LED indicator and power indicator 	<ul style="list-style-type: none"> Full 1080 HD Mount upside down—(select option through VISCA™) Automatic or manual focus, brightness, and white balance High-definition multimedia interface (HDMI) In-call LED indicator and power indicator 	<ul style="list-style-type: none"> True High Definition 1080 HD @ 60 fps Automatic upside down mount Automatic or manual focus, brightness, and white balance Combined high-definition multimedia interface (HDMI) with power/control. In-call LED display and power indicator 	<ul style="list-style-type: none"> True High Definition 1080 HD @ 60 fps Automatic upside down mount Automatic or manual focus, brightness, and white balance Combined high-definition multimedia interface (HDMI) with power/control. In-call LED display and power indicatorFull 10
Performance	<ul style="list-style-type: none"> 1280 x 720 pixels progressive at 30 frames per second (fps) 7 x optical zoom 1/3-inch complementary metal oxide semiconductor (CMOS), 10 to -20° tilt, and + or -90° pan Focus distance of 0.3m to infinity 42° vertical field of view F 1.7 Voice-activated camera positioning 	<ul style="list-style-type: none"> 1920 x 1080 at 60 and 50 fps (HDMI only); 1920 x 1080 at 30 and 25fps; and 1280 x 720 at 60, 50, 30, and 25fps 12 x optical zoom 1/3-inch CMOS, 15 to -25° tilt, and + or -90° pan 43.5° vertical field of view 72° horizontal field of view Focus distance of 0.3m to infinity F 1.7 Daisy-chain support (Visca protocol camera) 	<ul style="list-style-type: none"> 1920 x 1080 at 30 fps / 1024 x 720 at 60 fps 4x optical zoom Pan speed: 100°/s, range: -90° to +90° Tilt speed: 30°/s, range: -15° to +15° 43.5° vertical field of view 70° horizontal field of view F 1.7 Focus distance 0.3m-infinity Far-end camera control Daisy-chain support (can only be in the end of a chain) 	<ul style="list-style-type: none"> 1920 x 1080 at 60 fps 1/3" CMOS 4x optical zoom Pan speed: 100°/s, range: -90° to +90° Tilt speed: 30°/s, range: -25° to +15° 43.5° vertical field of view 70° horizontal field of view F 1.7 Focus distance 0.3 m-infinity Far-end camera control Daisy-chain support (can only be in the end of a chain) 	<ul style="list-style-type: none"> 1920 x 1080 at 60 fps 1/3" CMOS 2.5x optical zoom Pan speed: 100°/s, range: -30° to +30° Tilt speed: 30°/s, range: -25° to +5° 52.5° vertical field of view 83° horizontal field of view F 1.7 Focus distance 0.3 m-infinity Far-end camera control
Specifications	<ul style="list-style-type: none"> Width: 8.8 inches (22.2 cm) Depth: 5.7 inches (14.5 cm) Height: 6.6 inches (16.7 cm) (at maximum tilt) Weight: 3.75 lb (1.7 kg) 	<ul style="list-style-type: none"> Height (at maximum tilt): 6.8 inches (17.2 cm) Width: 8.7 inches (22 cm) Depth: 5.8 inches (14.7 cm) Weight: 3.95 lb (1.8kg) 	<ul style="list-style-type: none"> Height (at max tilt): 151 mm/5.94 in Width: 212 mm/8.35 in Depth: 138 mm/5.43 in Weight: 1.44 kg/3.17 lbs 	<ul style="list-style-type: none"> Height (At max tilt): H 150,5 mm/5.92 in Width: 212 mm/8.35 in Depth: 138,5 mm/5.45 in Weight: 1.44 kg/3.17 lbs 	

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

Camera Overview		
		
Cisco TelePresence PrecisionHD Camera 1080p 2.5x	Cisco TelePresence PrecisionHD Camera 1080p 4xS2	Cisco TelePresence PrecisionHD Camera 1080p 12x
2.5x optical zoom (5x with digital*)	4x optical zoom (8x with digital*)	12x optical zoom
Motorized +5°-25° tilt, +/- 30° pan	Motorized +15°-25° tilt, +/- 90° pan	Motorized +15°-25° tilt, +/- 90° pan
51.5° vertical field of view	43.5° vertical field of view	43.5° vertical field of view
83° horizontal field of view	70° horizontal field of view	72° horizontal field of view
F 2.0	F 1.7	F 1.7
1920 x 1080 pixels progressive @ 60 fps		
Automatic or manual focus, brightness, and white balance		
Far-end camera control		
Dual HDMI/Camera Control and USB output	Dual HDMI/Camera control	HDMI, HD-SDI output, and daisy chain
Upside-down mounting, picture flips automatically	Upside-down mounting, manual picture flip.	Upside-down mounting, picture flips automatically
Focus distance 0.3 m – infinity		

*needs future software upgrade

Ordering Information

To place an order, visit the [Cisco Ordering homepage](#). Table 2 provides ordering information.

Table 2. Ordering Information

Product Name	Part Number	Compliance Model Number
Cisco TelePresence PrecisionHD Cameras – 1080p		
PrecisionHD Camera - 1080p12x Camera and Kit	CTS-PHD-1080P-KIT=	TTC8-02
Comes with: Cisco PrecisionHD Camera - 1080p12x, audio/video cables, power supply		
PrecisionHD Camera 1080p Option Spares – cameras ONLY, cables not included		
PrecisionHD 1080p12X Unit - Gray	CTS-PHD-1080P12XG=	TTC8-02
PrecisionHD 1080p12X Unit - Silver	CTS-PHD-1080P12XS=	TTC8-02
PrecisionHD 1080p4x Unit – Silver - use with Cisco Codec C40 based products	CTS-PHD-1080P4XS=	TTC8-04
PrecisionHD 1080p4x Unit - Silver - use with Cisco Codec C20 based products	CTS-PHD1080P4XS1=	TTC8-04
Cable Accessories Kit for PrecisionHD Camera 1080p12x and 4x	ACC-PHD1080P=	
Comes with: audio/video and camera cables for Precision 1080p12x and 4x cameras		
Audio/Video Cable and Power Supply Options		
HDMI to HDMI cable, 5 meters	CAB-2HDMI-5M=	
Adaptor HDMI to DVID cable	ADPT-HDMI-DVID=	
MXP Power Supply WAVE II/PHD cameras	PSU-CAM-V=	
Cisco TelePresence Precision HD Cameras – 720p		
Precision HD Camera Option Kit 720p	PHD-KIT=	TTC8-01
Comes with: Silver PrecisionHD Camera 720p audio/video and camera cables, power supply and rack mounts		
PrecisionHD Camera, 720p	CTS-PHD=	TTC8-01
Comes with: Silver PrecisionHD Camera 720p, camera cables		

Product Name	Part Number	Compliance Model Number
Audio/Video Cable and Power Supply Options		
HDMI to HDMI cable, 5 meters	CAB-2HDMI-5M=	
Adaptor HDMI to DVID cable	ADPT-HDMI-DVID=	
MXP Power Supply WAVE II/PHD cameras	PSU-CAM-V=	

Services 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, at any time. For more information about these services, visit <http://www.cisco.com/go/telepresenceservices>.

For More Information

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



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