Webex
PTZ 4K Camera

webex

by **CISCO**

Contents

webex by cisco

The Webex® PTZ 4K Camera is a premium pan-tilt-zoom camera that provides superior video quality, powerful zoom capabilities, intelligent AI-based features, and flexibility for optimized video collaboration experiences.

Product overview

Webex PTZ 4K Camera is a premium pan-tilt-zoom camera that provides a high-quality imaging solution for video conferencing and maximum flexibility for larger conference rooms. It seamlessly supports meeting spaces where you need special camera placement, want to view objects close up, or view a wide area with pan-tilt-zoom capability.

The camera can be easily connected to your video codec over an HDMI video interface and flexibly mounted on the wall or on the ceiling of the conference or training room to provide improved visibility and an inclusive meeting experience for remote participants. It is a powerful solution for integration into larger collaboration rooms, bringing advanced pan-tilt capability and an uncompromised video collaboration experience into conference meeting rooms, boardrooms, courtrooms, and lecture theatres.

Featuring a powerful zoom capability, Webex PTZ 4K Camera provides high-quality video for close-up views and framing of distant objects, prototypes, and the presenter or speakers who are sitting on the far end. Combined with Codec Pro or Codec Plus, it features AI-powered face and upper-body detection to enable natural interactions that remote participants can follow just like in-person attendees. Wherever you need to work and meet, the PTZ 4K Camera allows presenters move around more freely by detecting, framing, and tracking them as they stand to present, and as they naturally move around in front of the room, as if they were on stage.

webex by cisco

Figure 1. Webex PTZ 4K Camera

Features and benefits

Table 1. Features and benefits

FEATURE	BENEFIT
4K Ultra HD video	Provides superior video with outstanding clarity, rich colors, great smoothness, superb resolution and frame rate Enables inclusive video collaboration for remote participants
240x total zoom	Helps ensure the best view at all times with high-quality video output for close-up and framing of distant objects and speakers
PresenterTrack	Artificial intelligence–based face and upper body detection and tracking allows for keeping presenters visible in the video conference and at a high zoom level while they move around in a predefined presentation area
Flexible mounting	Can be installed and mounted on the wall or even on the ceiling with upside-down mounting in larger spaces and rooms with special camera placement requirements
Camera control	Allows you to drive the pan-tilt-zoom for the best overviews and store preset positions for instant access to specific views using Webex Room Navigator

webex by **cisco**

Table 1. Features and benefits

FEATURE	BENEFIT
Device inventory	Enables easy device management for administrators on Webex Control Hub when connected to a codec
Firmware upgrade	Supports remote firmware upgrades and troubleshooting

Prominent feature

Bring more intelligence and equal collaboration experiences to your meeting space

Part of the Cisco® collaboration peripherals portfolio, the Webex PTZ 4K Camera enables users to fully realize a high-definition experience and provide superior video quality. Designed specifically for video conferencing, the camera provides crystal-clear, true-to-life quality for interaction and collaboration. It is ideal for use with Webex Codec Pro and Codec Plus, and works seamlessly with Webex Room Navigator for smart camera control. Connected to a video codec, the Webex PTZ 4K Camera is a fully managed IT asset with centralized device management and insights in the Control Hub.

The Webex PTZ 4K Camera can augment the video collaboration experience in the following use cases:

- **Upgrade video** – The camera upgrades an existing telepresence camera to high-quality 4K video and powerful zoom options for your larger collaboration spaces.

- **Extend video** – Used as an additional camera alongside your Webex Room Kit Plus or Room Kit Pro bundle, the PTZ 4K Camera can take the meeting experience to a new level with crystal-clear close-ups on distant objects and participants.
- **Intelligent boardrooms and meeting spaces** – Let your presenters to move around and present more naturally while ensuring remote meeting attendees don't lose sight of active speakers, powered by sophisticated, AI-based presenter detection, framing, and tracking technology.
- **Hybrid court hearings** – The PTZ 4K Camera provides uncompromised video quality and improved visibility for remote participants when joining courtroom hearings via video conferencing.
- **Hybrid education** – Provide a high-quality video experience and improved visibility of the presenter for remote students joining classrooms and lecture theaters via video conferencing.

webex by **cisco**

Product specifications

Table 2. Webex PTZ 4K Camera specifications

SPECIFICATION	WEBEX PTZ 4K CAMERA
Product ID	CS-CAM-PTZ4K=
Resolution	1920 x 1080 at 60 fps 3840 x 2160 at 30 fps
Zoom	20x optical zoom + 12x digital zoom 240x total zoom
Pan and tilt	Pan range: +/- 170 degrees Tilt range: -20 degrees to +90 degrees Pan speed: 1.1 degree/sec ~ 300 degrees/sec Tilt speed: 1.1 degree/sec ~ 126 degrees/sec
Field of View (FoV)	Horizontal FoV: 70°
Focus distance	1.0 m to infinity (wide)
F-value	2.0 - 3.8
Camera control	Visca over IP (LAN port)
Focus, white balance, and brightness	Manual or automatic
Video interfaces	HDMI 2.0

webex by cisco

Table 2. Webex PTZ 4K Camera specifications

SPECIFICATION	WEBEX PTZ 4K CAMERA
Power	12V/3A 100 to 120/200 to 240 VAC, 50/60 Hz PoE+ (IEEE802.3at compatible) Must be used with power supply FSP040-RHAN3, Phihong POE29U-1AT(PL) or Microsemi PD-9001GR/AT/AC
Operating temperature and humidity	0° to 40°C (32° to 104°F) ambient temperature 20% to 80% relative humidity (RH)
Storage and transport temperature	–20° to 60°C (–4° to 140°F) at RH 20% to 95% (noncondensing)
Dimensions	Width: 6.3 in. (15.8 cm) Height (at max tilt): 7.0 in. (17.7 cm) Depth: 8.0 in. (20.0 cm) Weight: 3.75 lb (1.7 kg)
Network interfaces	One LAN/Ethernet (RJ-45) 10/100 Mbit –

Regulatory compliance

- Directive 2014/30/EU (EMC Directive)
- Directive 2011/65/EU (RoHS)
- Directive 2002/96/EU (WEEE)
- NRTL approved (Product Safety)

Standards

- EMC: EN 55032 – Class A, EN 55035
- Safety: EN 62368-1
- FCC CFR 47 Part 15B (EMC) – Class A

Please check product approval status database https://www.ciscofax.com/ for approval documents per country.

webex by cisco

Ordering information

To place an order, visit the Cisco Ordering homepage. The below table provides ordering information.

Table 3.   Ordering information

PRODUCT NAME	PART NUMBER	COMPLIANCE MODEL NUMBER
Webex PTZ 4K Camera	CS-CAM-PTZ4K=	EVI-X200C
Webex PTZ 4K Camera Power Supply	PSU-12VDC-40W2=	-
Webex PTZ 4K Camera Wall Mount Bracket	CS-PTZ4K-BRKT=	-
Webex PTZ 4K Camera Ceiling Mount Bracket	CS-PTZ4K-CLNGMNT	-
Bundle options		
Webex Room Kit Plus with Webex PTZ 4K Camera -Bundle SKU	CS-KITPLPTZ4K-K9	-
Webex Room Kit Pro with Webex PTZ 4K Camera -Bundle SKU	CS-KITPRO-PTZ4K-K9	-

webex by **cisco**

Product sustainability

Information about Cisco's Environmental, Social and Governance (ESG) initiatives and performance is provided in Cisco's CSR and sustainability reporting.

Table 4.   Cisco environmental sustainability information

SUSTAINABILITY TOPIC		REFERENCE
General	Information on product-material-content laws and regulations	Materials
	Information on electronic waste laws and regulations, including our products, batteries and packaging	WEEE Compliance
	Information on product takeback and resuse program	Cisco Takeback and Reuse Program
	Sustainability Inquiries	Contact: csr_inquiries@cisco.com
Material	Product packaging weight and materials	Contact: environment@cisco.com

Cisco and partner services for collaboration

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 Collaboration investment by increasing business agility and network availability. Our portfolio of services helps you accelerate business innovation through a network-based collaboration platform that enables businesses to collaborate anywhere, at any time. For more information about these services, visit https://www.cisco.com/c/en/us/solutions/collaboration/service-listing.html.

Cisco Capital

Flexible payment solutions to help you achieve your objectives

Cisco Capital makes it easier to get the right technology to achieve your objectives, enable business transformation and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services and complementary third-party equipment in easy, predictable payments. Learn more.

For more information

For more information about Webex cameras, or contact your loca Cisco account representative or authorized Cisco partner.

Date May 2022

C78-744958-03

Webex by CISCO