

4K ePTZ Webcam

Designed for small to medium-sized meeting rooms, the camera offers a choice of 84° (auto-focus) or 120° (fixed focus) lenses based on requirements. It features a 1/2.5-inch 4K CMOS sensor, delivering a 3840x2160 resolution. With the included damping rotary bracket, it adapts to mainstream displays.



4K 30fps



Voice
Tracking



AI Tracking



Auto
Framing



120°
Wide FOV



Built-in
Microphone
(6m pickup)

Key Features

- 4K Ultra HD**
 Utilizing a 1/2.5-inch 4K CMOS sensor with 8.29 million pixels, the webcam supports a 4K@30fps image encoding output while being backward compatible with resolutions resolutions such as 1080P and 720P.
- Wide FOV**
 Choose between 84° and 120° lenses, supporting auto-focus (84° lens only) and EPTZ for a clearer and wider perspective.
- Auto Framing by AI Technology**
 Support Speaker Tracking, Auto Framing, AI tracking.
 Built-in video AI algorithm recognizes the positions of participants, automatically adjusting the lens angle to achieve the best-framed shot.
- Built-in Microphone**
 The camera comes with two sets of digital microphones equipped with a noise suppression algorithm, ensuring a clear audio pickup of 6 meters.
- USB 3.0**
 Full-function USB 3.0 interface, integrating power supply, video, and audio, supports output of first video stream USB video signal + audio source, with optional support for first video stream HDMI output.
- Simplified Installation**
 The camera includes a damping rotary bracket, compatible with most displays, ensuring a simple and stable installation.

Technical Specification

Model	CVC4KEPro-U3	CVC4KEPro-HDMI
Camera Specification		
Sensor	1/2.5 inches, CMOS, Effective Pixels:8.29MP	
Lens I	f=3.5mm,Horizontal FOV: 84°	
Lens II	f=2.8mm,Horizontal FOV: 120°	
Auto Focus	Support (only 84° Support)	
Signal System	4KP30/25; 1080P30/25; 720P30/25; 960x540P30/25; 640x360P30/25 etc	
PTZ	e-PTZ (EPTZ)	
Signal System	4KP30, 1080P30, 720P30 etc.	
AI Feature	Speaker Tracking, Auto Framing, AI tracking	
Type of Lens Mount	M12	
Minimum Illumination	0.5Lux (F1.8, AGC ON)	
DNR	2D & 3D DNR	
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR	
Backlight Compensation	Support	
WDR	OFF/ Dynamic level adjustment	
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve	
SNR	>55dB	
Bracket	Support	
Interfaces	USB3.0	USB3.0, HDMI
USB Specification		
Type of Connection	USB 3.0, downward compatible with USB 2.0	
Color System / Compression	YUY2 / H.264 / MJPEG	
USB Video Communication Protocol	UVC 1.1	
UVC PTZ Control	Support (ePTZ)	
Other Specification		
Input Voltage	5V (USB Power Supply)	
Input Current	600mA	
Operating Temperature	-10° C ~ 40° C	
Storage Temperature	-40° C ~ 60° C	
Power Consumption	3W	
Net Weight	0.5kg	
Dimension	194mm (W) x 42mm (D) x 34mm (H)	
Supplied Cables	USB Cable	

Interface Picture:

