

VHD 4K PTZ CAMERA

Tenveo AI-Powered 4K PTZ Camera



**4K
UHD**

AI
Gesture Control

**Auto
Framing**

5X
Digital Zoom

**WIDE
View Angle**

WIDE
compatibility

We integrated the best-in-class Sony 1/2.8" sensor into the 4K PTZ camera, crystal sharp even when zoomed-in, blurry proof and future proof. It comes with our Next-Gen enhanced Artificial intelligence tracking algorithm, which enables it to lock on a person. No matter how or where you move, it will always follow you smoothly and precisely. You can set the gesture-controlled zoom to 2x, 3x, 4x or 5x easily. With 116 degree Wide Angle, each participant can be seen clearly during the meeting.

4K Resolution, Better Performance

Equipped with a 1/2.8-inch image sensor, this 4K PTZ camera is capable of 4K/30fps video output. Capture every detail whenever you're having classes, video calls or a meeting. Great dim light performance and Ultra HD resolution capture help you get crystal-clear video quality.



AI-Powered Auto-Tracking

Gestures enable AI auto-tracking and 5X digital zoom: 🖐️ 'OK' to AI-tracking ON and enter multi-human tracking, 🖐️ 'V' to enter solo-tracking, 🖐️ 'L' to zoom in(in solo-tracking), 🖐️ 'One' to zoom out(in solo-tracking), 🖐️ 'Good' to enter multi-human tracking, 🖐️ 'Palm' to AI-tracking OFF.

Gesture Controls

OK

Enable AI Auto-Tracking
and Select Targets



Scissors

Enter Solo-Tracking
and Select Target



Pistol

5X Zoom In
(in Solo-Tracking)



Fingerindex

5X Zoom Out
(in Solo-Tracking)



Good

Enter Multi-Tracking
and Select Targets



Palm

Turn Off AI Auto-Tracking



5X Digital Zoom

It can be realized zoom in / out with 2x, 3x, 4x or 5x digital zoom easily with simple gestures.



116° Wide View Angle

It features a wide angle lens with 116° field of view, to capture all the participants. It is perfect for situations where you need to fit more people in the frame. In a huddle room, for example, you can easily put it at the front of the table and it has the capability to capture everyone sitting at the table.



Wide Compatibility

Compatible with Zoom, Skype for business, Microsoft Lync(Teams), Voovmeeting, CISCO WebEx and other conferencing software. Make sure your internet upload/download speeds exceed at least 2M bit per second (>256KB/s). System Requirements: Windows 7 or higher, Mac OS X 10.7 or higher, Linux (Required to support UVC).



VHD-4K

Sensor	1/2.8 " SONY CMOS
Effective pixel	8.29 mega pixel
Video signals	4K-30 / 25, 2K-30 / 25, 1080p-30 / 25
Zoom	5x digital zoom
Lens	f=2.2mm
Aperture	F1.8
Horizontal angle	107°
Vertical angle	71°
Diagonal angle	116°
Video output	USB 2.0
Video encoding format	MJPEG, YUY2
Video resolution	4K(3840*2160) etc
Signal standard	NTSC / PAL
Preset position	User can set up to 64 presets (IR remote 10 presets)
Control terminal	RS-232 , RS485
Shutter	1/30s ~ 1/10000s, auto
Baud rate	38400/9600bps
Control protocol	VISCA, PELCO-D, PELCO-P (RS-232, RS485)
USB protocol	UVC1.1
Minimal Illumination	0.1Lux
SNR	≥50dB
Horizontal rotation	350° (±175°) 0.1°/s ~ 100°/s
Vertical rotation	180° (±90°) 0.1°/s ~ 80°/s
Power supply	DC 12V/2A
Power consumption	12W
Work temperature	0°~+50°
Work humidity	0~95% RH
Product size	247*165*171mm / 285*217*197mm(before / after packing)
Product weight	1.1kg / 1.85kg

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