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# ProCAM-Ai12gVIP

Experience next-level video  
conferencing and streaming with the  
4K AI Voice Tracking PTZ CAMera



AI

# What is the 4K AI Voice Tracking PTZ CAMera?

## Revolutionizing Video Conferencing and Streaming

Meet the 4K Ultra HD PTZ CAMera, your ultimate solution for seamless video production and professional-grade streaming. Built with advanced imaging technology, this CAMera is designed to deliver exceptional performance in a wide range of environments, from business conferences to live events.



4K 30fps



Support HDMI 1.4b



Low Illumination



Remote Control



Support POE



Rich Interfaces

## Product Benefits

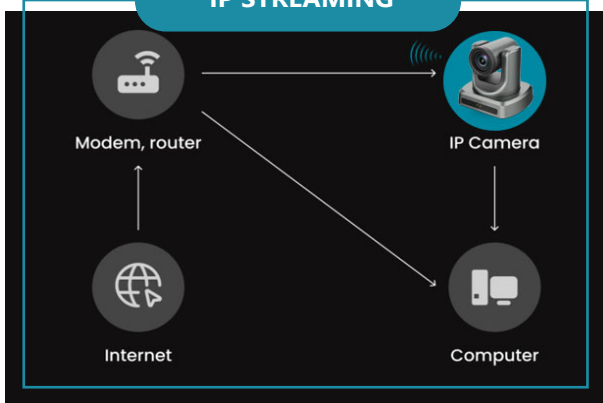
### VOICE TRACKING



### GESTURE TRACKING



### IP STREAMING



### NETWORK CONTROLLABLE



### Low-Light Performance

The CMOS sensor uses 2D and 3D noise reduction to minimize noise, achieving a signal-to-noise ratio of over 55dB for clear images in low-light conditions.

### AI-Driven Features

Gesture control, facial recognition, motion tracking, and voice tracking make video production effortless.

## 4k Ultra HD

Sony 1/2.5" UHD CMOS sensor delivers lifelike resolution (3840x2160), ensuring crisp and vibrant visuals.



1 Participant



2 Participant



3 Participant

## Auto Frame

The CAMera automatically rotates and zooms based on the speaker's voice, ensuring a dynamic presentation.

## 71° wide-angle lens + 12x optical zoom

12x optical zoom, horizontal FOV 71°

71° wide-angle lens



0x optical zoom



12x optical zoom





# Product Specifications

CAMera		USB Features			
Video resolution	HDMI (optional):4KP60fps,4KP29.97fps, 4KP25,1080P30, 1080P29.29,1080P25	Support operating system	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android		
Sensor	1/2.5", CMOS, Effective Pixel: 8.5 M	Color space/ compression	YUY2/MJPEG / H.264/H.265		
Scanning Mode	Progressive Scan	USB audio	Support		
Lens	12x / 20x, f4.4mm~52.8mm, F1.8~F2.6	USB video communication protocol	UVC 1.1~1.5		
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)	UVC PTZ control	Support		
Shutter	1/30s~ 1/10000s	Microphone		Generic Specification	
White Balance	Automatic, indoor, outdoor, one-button, manual, specified color temperature	MIC Array Quantity	4	Input voltage	DC 12V/POE (802.3af)
Backlight Compensation	Support	MIC Array Form	linear	Input Current	1.0A (max)
Digital Noise Reduction	2D&3D Digital Noise Reduction	Microphone Spacing	45.8mm	Operating temperature	-10~40°C
Signal-to-noise ratio	>55dB	Sampling Rate	16KHz/48KHz	Stored temperature	-40~60°C
Horizontal Angle of View	71° ~ 8.2°	Pick up Voice Distance	0-10meters	Power consumption	12W (max)
Vertical Angle of View	42.7°~4.5°	Voice Pick up Angle	-26dBfs	size	169mm x 142mm x 164mm
Horizontal Rotation Range	+170°	SNR	65.5dB	weight	1.35Kg
Vertical rotation range	-30° ~ +90°	Communication Mode	Full duplexuplex		
Pan Speed Range	1.7° ~ 100°/s	Input / Output Interface			
Tilt Speed Range	1.7° ~ 69.9°/s	HD output	1 channel, HDMI: version 2.0;		
H & V Flip	Support	Network Interface	1 channel, RJ45: 10M/100M/1000M adaptive Ethernet; support PoE power supply;		
Image Freeze	Support	Audio port	1 channel, 3.5mm, Audio In; 1 way, Line Out;		
PoE power supply	Support	USB interface	1 way, Type-C socket, can output up to 4K@60fps compressed video and 1080P original video;		

Networking Specifications	
Video coding standard	H.264/H.265/MJPEG
Video stream	The first stream, the second stream
Resolution of the first stream	3840x2160, 1920x1080, 1280x720, 1024x576
Resolution of the second stream	1920x1080, 1280x720, 720x576, 720x480, 320x240
Video bitrate	32kbps ~ 102400kbps
Rate control	Variable bit rate, fixed bit rate
Frequency	50Hz: 1fps ~ 50fps, 60Hz: 1fps~60fps



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