

ProCAM-Ai10GV

Experience next-level video conferencing



What is the ProCAM-Ai10GV?

Experience the Future of Video Technology

Introducing the ProCAM-Ai10GV, a cutting-edge solution for professional-grade video capture and seamless conferencing. Designed for modern businesses, educators, and event organizers, this CAMera delivers crystal-clear visuals, advanced AI capabilities, and effortless control, transforming how you experience video production.



10x Optical Zoom



Voice Tracking



4k 30fps



PTZ CAMera

Key Advantages

■ 4K Ultra HD Video Quality

Powered by an 8.3-million-pixel 1/2.8" 4K HD color CMOS Sony sensor, the CAMera provides breathtaking clarity and vivid details.

■ Exceptional Audio Performance

Equipped with a 4-digital microphone array and 10-meter voice pickup, enhanced by AEC, ANS, and AGC technologies, ensuring pristine audio for any setup.

The ProCAM-Ai10GV isn't just a CAMera; it's a powerful tool for delivering impactful, professional-grade visuals and audio.

■ AI-Driven Precision

Multi-gesture control, motion tracking, and voice tracking ensure you capture every moment effortlessly

Key Features

■ 4K Ultra HD Resolution

Immerse your audience with lifelike imagery, supported by resolutions of 4K/30fps, 1080P/30fps, and 720P/30fps.

■ Connectivity Made Simple

Multiple interfaces, including Type-C, HDMI, and built-in 3.5mm audio output, allow integration with external speakers or audio systems.

■ AI Interaction

Advanced motion tracking and multi-gesture control for intelligent automation and precision.

■ Voice Optimization

A 4-digital microphone array captures audio up to 10 meters, enhanced with AEC, ANS, and AGC for superior noise suppression and clarity.

■ User-Friendly Operation

Comes with an IR remote controller and a user-friendly menu for easy setup and adjustments.

■ 10x Optical Zoom

Experience seamless close-ups without losing image clarity, ideal for large venues.

Product Benifits

Tracks The Voice

CAMeRA automatically rotates 360° and tracks the voice then speaking person appear automatically



Gesture Tracking

Seamlessly control the CAMeRA with intuitive hand gestures, making operations smooth and hassle free.

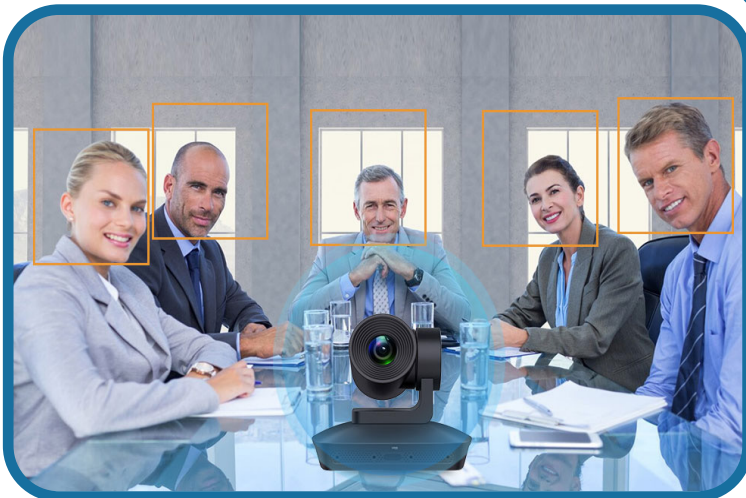
10 x Optical zoom

- 0 x Optical zoom
- 10 x Optical zoom
- Auto Focus



Auto Framing

Automatically adjusts the frame to keep all participants or the active speaker perfectly centered, ensuring a professional and engaging presentation.



Product Specifications

CAMera, Lens parameters	
Image Sensor	4k 1/2.8 inch CMOS sony sensor
Min Lux	0.1Lux(F1.2)
Effective Piexl	8.3 MP
Zoom	10X Optical
Shutter Speed	1 to 1/10000s
Focal Lens	2.8mm Fixed / f=5.1mm-51.0mm F=1.8(W)-2.5(T)
Horizontal Field of View	61.5°~7°
Frame Rate	3840*2160,1920×1080, 1280×720, 640×480
Focus Mode	Auto
Aperture Mode	Auto
Backlight Compensation	Support
Wide Dynamic	Support
Picture Adjustment	Brightness, Chroma, Saturation, Contrast, Acut

Interface Parameter	
Video Interface	USB2.0, HDMI
Video Compressed Format	0.1Lux(F1.2)
Control Interface	USB2.0, UVC

PTZ Parameter	
Pan Rotation	-170°~ +173°
Tilt Rotation	30°~ +90°
Horizontal Rotate Speed	0.1~100°/second
Vertical Rotate Speed	0.1~80°/ second

Microphone parameters	
MIC Array Quantity	4k 1/2.8 inch CMOS sony sensor
Min Lux	0.1Lux(F1.2)
MIC Array Form	linear
Microphone Spacing	45.8mm
Sampling Rate	16KHz/48KHz
Sensitivity	-29dBFS
Far-field Pick up Voice Distance	0-10meters
Horizontal Voice Pick up Angle	Horizontal 180°
SNR	65.5dB
Communication Mode	full duplex

Interface Parameter	
Video Interface	USB2.0, HDMI
Video Compressed Format	0.1Lux(F1.2)
Control Interface	USB2.0, UVC

Other Parameters	
Power Adapter	DC12V/2A
Decoder	Built in
Input voltage	DC12V
Power Consumption	12W(MAX)
Storage Temperature	-10°C ~ +60°C / 20% ~ 95%
Working temperature	-10°C ~ +50°C / 20% ~ 80%
Size	160.7*115.1*131.4mm
Weight	600g



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