



## 4K USB Webcam



High-performance USB camera designed for small and medium-sized conference rooms and personal office scenarios, equipped with a new generation of 4K UHD CMOS image sensor, the image is clear and detailed; the camera is equipped with AI functions such as participant framing, speaker tracking, etc., and auto-framing and shooting, which brings ultra-high efficiency remote communication and collaboration experience.



## Features

**▼ 4K UHD**  
Utilizing a 1/2.7-inch UHD CMOS sensor with 8.29 million effective pixels, it supports 4K30fps image encoding output, delivering better images.

**▼ 120° Large Wide-Angle**  
Adopting large wide-angle lens, the shooting range is wider, and more participants can be accommodated in one lens, with less distortion in the picture.

**▼ Group Framing**  
Equipped with facial and humanoid recognition alongside intelligent framing algorithms, the device detects participants' positions and numbers, automatically adjusting focus for optimal framing. This ensures clear visibility for everyone on screen, enhancing the communication experience.

**▼ Humanoid Tracking**  
Equipped with in-house-developed ReID technology, the device identifies the speaker's figure, appearance, and outfit. As the speaker moves within the room, the camera automatically tracks them, ensuring the target remains centered. Even if there are interferences or the speaker exits the frame, the camera swiftly recaptures and tracks them upon reentry.

**▼ Pickup Distance of 6m**  
The built-in beamforming microphone array, unique noise suppression algorithm, and automatic gain control algorithm enable clear audio pickup of 6 meters.

**▼ Full-Featured USB 3.0**  
Supports full-featured USB 3.0 interface, supports power supply for the camera and transmits audio and video signals.

**▼ One-Click Operation**  
Use the infrared remote control and software for auto-framing and humanoid tracking features. Additionally, you can set presets, ePTZ, image parameters, and more.

Note:  
1.This feature is optional.

## Product Specification

### ▼ Camera Spec

Sensor	1/2.7 inches, CMOS, Effective Pixels:8.29 Megapixe
Scanning Mode	Progressive
Type of Lens Mount	M12
Lens	f=2.2mm, FOV: 120°
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Bracket	Damping rotating bracket
Digital Noise Reduction	2D&3D Digital Noise Reduction
Backlight Compensation	Support

### ▼ USB Spec

Operating System	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers
Hardware Requirements	2.4 GHz Intel® Core 2 Duo Processor or higher 2 GB memory or higher USB 2.0 (4K requirements USB 3.0)
Color System / Compression	H.264 / MJPEG / YUY2
Video Format	4KP30/25, 1080P30/25, 720P30/25, 960x540P30/25, 640x360P30/25 etc.
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support (EPTZ)

### ▼ I/O

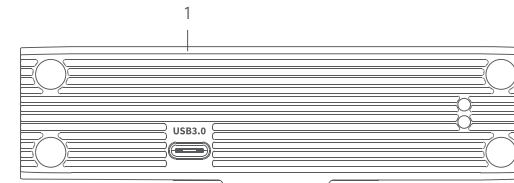
USB Interface	1 x USB 3.0, type C
Remote Control	Support

### ▼ Generic Spec

Input Voltage	5V (USB Power Supply)
Input Current	0.6A (Max.)
Operating Temperature	0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	3W (Max.)
Dimension	118mm (W) x 37.2mm (D) x 34.5mm (H) (Non -bracket)



## Interface Diagram



1 — USB3.0