

4K Business Webcam

C121-US-4K



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.



Features

- ▼ **4K UHD**
Utilizing a 1/2.5-inch 4K CMOS sensor with 8.51 million pixels, the webcam supports a 4K@30fps image encoding output while being backward-compatible with 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**
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,
- ▼ **Simplified Installation**
The camera includes a damping rotary bracket, compatible with most displays, ensuring a simple and stable installation.

Product Specification

▼ Camera Spec

Sensor	1/2.5 inches, CMOS, Effective Pixels:8.51 Megapixe
Scanning Mode	Progressive
Type of Lens Mount	M12
Lens I	f=3.5mm,Horizontal FOV: 84°
Lens II	f=2.8mm,Horizontal FOV: 120°
Auto Focus	Support (only 84° Support)
Digital Zoom	8×
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Bracket	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
Color System / Compression	YUY2 H.264 / MJPEG
Signal System	4K P30/25 ; 1080 P30/25 ; 720 P30/25 ; 960x540P30/25 ; 640x360P30/25 etc
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support (EPTZ)

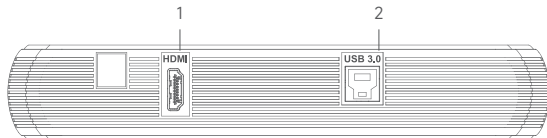
▼ I/O

USB Interface	1 x USB 3.0, type B
HDMI Interface1	1 x HDMI1.4b (Optional)

▼ Generic Spec

Input Voltage	5V (USB Power Supply)
Input Current	600mA
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	3W
Dimension	194mm (W) x 42mm (D) x 34mm (H)
Net Weight	0.5kg

Interface Diagram



- 1 — HDMI (Optional)
- 2 — USB3.0

