



RC16 4K Ultra HD USB Camera



UHD With Ultra-wide FOV Angle

A new generation of UHD CMOS image sensor with 4x effect of high-definition images and shoots 4K videos with full details. With the ultra-large viewing angle 4K lens, the panoramic view is unobstructed.

USB 3.0

The USB 3.0 port can provide power supply, videos and audios, and support 2 USB video signal sources (optional) + 1 audio source.

Beamforming Microphone Array

The built-in beamforming microphone array has a unique noise suppression algorithm and automatic gain algorithm for a pickup distance up to 6m to perfectly record your voice.

WDR

Support WDR, easily cope with different lighting environments, no matter how harsh the environment is, you can also restore the most real you.

AI ability

The multi-layer convolutional neural network and the cutting-edge deep learning algorithm inject intelligent features into cameras; high-quality analytic data is available through open APIs.

Auto Framing

The screen's view angle is automatically adjusted depending on the people within the detection range through the cutting-edge deep learning algorithm to avoid manual camera adjustment and provide you with a new experience.

AI humanoid tracking

Embedded NNE hardware uses deep learning technology to extract the target's characteristics and allow smooth face tracking, no matter where the face is facing. The product applies to automatically monitoring speakers in lectures/presentations and other scenarios.

Convenient operation

With exquisite infrared remote control and exclusive software, you can start automatically box selecting and AI tracking with one button. You can also preset position, EPTZ, and image parameters simultaneously.

Camera	
Sensor	1/2.7", CMOS, Effective Pixel: 8.29M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=2.2mm, FOV: 110°
Digital zoom	8X
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Camera Stand	The standard configuration includes a damping rotary support
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Support



USB Feature	
Support 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 Requirement	2.4 GHz Intel® Core 2 Duo processor or higher; 2 GB RAM or higher; USB 2.0 interface
Color System / Compression	H.264 / MJPEG / YUY2
Video resolution	4K30P, 4K25P, 1080P30, 1080P25, 720P30, 720P25, 960x540P30, 960x540P25, 640x360P30, 640x360P25, etc.
USB Video Communication Protocol	UVC 1.1
UVC PTZ	Support(EPTZ)

General specification	
Input Voltage	5V (USB power supply)
Input Current	600mA(MAX)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	3.0W(MAX)
Size	118mm x37.2mm x 30.8mm (Bracket not included)
Net Weight	0.2kg (0.44 lb)
WTBF	>30000h



Input/Output Interface	
USB Interface	1xUSB 3.0: Type C
IR remote Control	support