

VC-4K Pro (120°)

4K Ultra HD

Ai Smart Auto Framing ePTZ digital zoom.



Camera	
Sensor	1/2.5", CMOS, Effective Pixel: 8.51M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: ±2.8mm, FOV: 120°
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Camera bracket	Bracket with damper
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support

General specification	
Input Voltage	5V (USB power supply)
Current Consumption	600mA
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	3W
Size	194mm x 34mm x 42mm
Net Weight	0.5kg



- **Ultra 4K HD**
Support 4K Ultra HD with super resolution up to 4K@30fps/25fps encoding output, and down compatible with 1080p, 720p.
- **USB 3.0**
Full functional USB 3.0 connection, power supply, video and audio all in one and support 2 streaming USB video signal and one audio source.
- **Light illumination**
Star-Level ultra-high noise ratio of the new CMOS image sensor can effectively reduce the low noise in the case of image noise, while the application of 2D and 3D noise reduction algorithm, significantly reducing the image noise, even under low light conditions, still keep the picture clean and clear, the image signal to noise ratio up to 55dB or more.

- **Ai Feature**
Ai Smart Auto Framing
- **Ultra Wide Angle Lens**
Non-distortion lens, Ultra wide view angle up to 120°, small lens with big view, supporting EPTZ.
- **WDR**
Support WDR, can handle different lighting environment.
- **Built in Microphone**
Built in microphone array, omnidirectional pickup, pickup distance up to 12 meters, noise suppressing algorithm with excellent sound.
- **Easy Installation**
Equipped with damping rotary shaft bracket, to meet the market almost 100% of the display, easy to install, stable and reliable.

USB Feature	
Operate System	Windows® 7 (1080P and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux
Hardware Requirement	2.4 GHz Intel® Core 2 Duo processor or higher; 2 GB RAM or higher USB 2.0 interface
Color space/compression	H.265 / H.264 / MJPEG
Video resolution	4k@30fps/25fps, 1080p@60fps/50fps/30fps/25fps, 720p@60fps/50fps/30fps/25fps, 960x540p@60fps/50fps/30fps/25fps, 640x360p@60fps/50fps/30fps/25fps
USB Video Communication Protocol	UVC 1.0 ~ UVC 1.5
USB PTZ	Support (EPTZ)



Input/Output Interface	
USB Interface	1x USB 3.0: Type B, female
HDMI Interface	1x HDMI: Version 1.4
Audio Interface	1x 3.5mm Audio Jack: Line In