

VC-One

1080P Wide Field USB Camera



- 1080P** full HD, wide angle, no distortion
Support 1080P high definition, maximum can provide 1080@30fps/25fps image encoding output, and backward compatible with 720p and other resolutions. Wide field of view, the maximum horizontal field of view can reach 90°. Two lenses are available, 90°/90° (with AF).
- Electronic PTZ**
There is no need for mechanical rotating devices to achieve a more accurate rotation, no noise, more reliable and durable pan-tilt function, while supporting 4X digital zoom function.
- Audio**
The built-in microphone array can pick up omnidirectionally, and the pickup distance is up to 6 meters. The unique noise suppression and AGC algorithm make your voice perfect.
- USB 2.0**
Full-featured USB 2.0 interface, power supply, video and audio in one.

- Built-in physical privacy shield**
Equipped with an integrated sliding privacy cover to ensure privacy.
- Dual stream (optional)**
Simultaneously support two streams of output (YUY2, MJPEG, H.264, any two) to reduce the pressure of host encoding and decoding. (The second channel only supports H.264)
- Low illumination**
The new CMOS image sensor with starlight level **ultra-high performance-to-noise ratio can effectively reduce image noise under low illumination conditions, while applying 2D and 3D noise reduction algorithms to greatly reduce image noise, even under ultra-low illumination conditions, still maintaining the picture it is clean and clear, and the image signal-to-noise ratio is up to 55dB or more.**
- Easy to install**
Standard configuration with damped rotating shaft bracket, adapt to almost 100% of the displays on the market, easy to install, stable and reliable.



Camera	
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=2.8mm, HFOV: 90°
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Manual, VAR
Camera bracket	bracket with damper
Privacy masking	Support
Digital Noise Reduction	2D&3D digital noise reduction
Backlight Compensation	Support
Digital zoom	4X

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 Requirements	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps
USB Video Communication	UVC 1.1
UAC	Support
UVC ePTZ	Support (ePTZ)

Input/Output Interface	
USB Interface	1xUSB 2.0: Type A



Generic Specification	
Input Voltage	5V (USB power supply)
Current Input	200mA
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	1W
Size	103mm*27mm*30mm
Net Weight	153g
MTBF	30000h