



### Key Features:

- **1080p Full HD Super Wide Angle**  
Supports 1080P HD, providing up to 1080@30fps/25fps image encoding output, while being backward compatible with 720p resolution. Wide field of view, horizontal field of view up to 120 ° or more.
- **USB 2.0**  
Full-featured USB 2.0 interface, power supply, video, audio in one, can also support 2-channel USB video signal source + 1 audio source.
- **Built-in microphone**  
Built-in microphone array, omnidirectional pickup, up to 3 meters pickup distance, unique noise suppression algorithm, make your voice perfect presentation.
- **WDR**  
Support WDR, easily deal with different lighting environments, and harsh environments can restore the truest of you.
- **Low illumination**  
The new CMOS image sensor with super-high noise-to-noise ratio at star level can effectively reduce image noise under low illumination conditions. At the same time, 2D and 3D noise reduction algorithms are applied, greatly reducing image noise, and maintaining the picture even under ultra-low illumination conditions. Clean and clear, image signal to noise ratio of up to 55dB or more.
- **Easy installation**  
Standard with a damped rotating shaft bracket, adapted to almost 100% of displays on the market, easy to install, stable and reliable

### Technical Specifications:

<b>Sensor</b>	1/2.8", CMOS, Effective Pixel: 2.07M
<b>Scanning Mode</b>	Progressive
<b>Lens Mount</b>	M12
<b>Lens 2</b>	Focus: f=2.8mm, FOV: 120°
<b>Minimal Illumination</b>	0.5 Lux @ (F2.0, AGC ON)
<b>Shutter</b>	1/30s - 1/10000s
<b>White Balance</b>	Auto, Indoor, Outdoor, One Push, Manual
<b>Camera bracket</b>	bracket with damper
<b>Digital Noise Reduction</b>	2D,3D digital noise reduction
<b>Backlight Compensation</b>	Support
<b>Operate System</b>	"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"
<b>Hardware Requirement</b>	"2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port "
<b>Color System / Compression</b>	YUY2 / H.264 / MJPEG
<b>Video Format</b>	1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps
<b>USB Video Communication Protocol</b>	UVC 1.1
<b>UVC ePTZ</b>	Support
<b>USB Interface</b>	1xUSB 2.0: Type A.
<b>Input Voltage</b>	5V (USB power supply)
<b>Current Consumption</b>	200mA
<b>Operating Temperature</b>	0°C - 40°C (32°F - 104°F)
<b>Storage Temperature</b>	-40°C - 60°C (-40°F - 140°F)
<b>Power Consumption</b>	1W
<b>Size</b>	118mm x37.2mm x 30.8mm
<b>Net Weight</b>	0.2Kg
<b>MTBF</b>	30000h