

MS-CAM

1080PUltra-Wide Field USB Camera

 **Solutions**



Key Features:

- **1080pFull HD Super Wide Angle**
Supports 1080PHD, providing up to 1080@30fps/25fpsimage 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-featuredUSB 2.0interface, power supply, video, audio in one, can also support 2-channel USB video signal source + 1audio 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-noiseratio 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-lowillumination 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

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 **Solutions**
From ideas to reality.

Technical Specifications:

Sensor	1/2.8",CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens 2	Focus: f=2.8mm,FOV: 120°
Minimal Illumination	0.5 Lux @ (F2.0, 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
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 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 Protocol	UVC 1.1
UVC ePTZ	Support
USB Interface	1xUSB 2.0: Type A.
Input Voltage	5V (USB power supply)
Current Consumption	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	118mmx37.2mm x 30.8mm
Net Weight	0.2Kg
MTBF	30000h