

MS-CAM

1080P Ultra-Wide Field USB Camera

 Solutions



Key Features:

- 1080p Full HD Super Wide Angle
Supports 1080PHD, 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

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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	0.5Lux @ (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 (1080pand under only), Windows 8.1,Windows 10or higher macOS™ 10.10orhigher Google™ Chromebook™ Version 29.0.1547.70orhigher Linux"
Hardware Requirement	"2.4 GHz Intel®Core 2 Duo processor or higher 2 GB RAM or more USB 2.0port "
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