

AI Ultra HD 4K Webcam MG201-SG

MG201-SG is a 4K ultra-high-definition ePTZ camera with a new design. With AI intelligence, it can frames according to the number of people in the scene, and the characters are in the middle. It has perfect functions and superior performance, which employs advanced ISP processing algorithms so as to provide vivid images with evenly clear brightness, strong color layering, high resolution, and fantastic color rendition. Easy and convenient to install and maintain, stable and reliable.



Key Features:

- **Ultra HD 4K Resolution:** 1/2.8 inch high quality CMOS sensor. Resolution is up to 4K with frame rate up to 30fps (MJPG) or 30fps (H.264); compatible with 1080P and 720P.
- **ePTZ:** ePTZ and 10X digital Zoom;
- **Built-in MIC:** Built-in two omni-directional MIC pickups; with unique noise suppression algorithm, effective pickup distance up to 6 meters.
- **Auto Framing:** Employing superior face detection algorithm to intelligently and automatically frames according to the number of people in the scene, and the characters are in the middle.
- **Wide FOV:** 83°/100°/120° wide angle and small distortion lens options.
- **Video output interface:** Video output interface USB 3.0;
- **Multiple Audio/Video Compression Standard:** Supports H.264, MJPG, YUY2, NV12 video compression, to make video play smoothly.
- **Low Noise and High SNR:** Super high SNR image is achieved with low noise CMOS. Even in the case of ultra-low illumination, the picture remains clean and clear.
- **Multiple Installations:** Standard equipped with mold clamp. Easy to install on any devices, such as LCD screen, laptop, table and tripod.
- **Easy to Use:** No need to download driver; USB 3.0 Plug and play;
- **Wide Applications:** Personal video conferencing, enterprise video conferencing, collaboration meeting, etc.



2.3 Technical Parameter

Model	Lens 1		Lens 2		Lens 3	
Camera Parameter						
Sensor	1/2.8 inch high quality 4K CMOS sensor					
Effective Pixels	8.28MP,16: 9					
Video Interface	1 Channel USB 3.0 output, Type B; Support audio signal output					
Audio input	2*Built-in MIC pickup					
Video Format	MJPEG: 3840*2160@30 /2560*1440@30 /1920*1080@30 /1600*896@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /800*448@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /352*288@30 /320*240@30 H264 : 3840*2160@30 /2560*1440@30 /1920*1080@30 /1600*896@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /800*448@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /352*288@30 /320*240@30 YUY2: 1920*1080@30 /1280*720@30 /1024*576@30 /800*600@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30 NV12: 1920*1080@30 /1280*720@30 /1024*576@30 /800*600@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30					
View Angle	91° (D) /83°(H)/46°(V)		115° (D) /100°(H)/56°(V)		138° (D) /120° (H)/68° (V)	
Focal Length	f=3.24mm		f=2.26mm		f=1.89mm	
Aperture	F2.1		F1.8±5%		F2.0±5%	
Digital Zoom	10X					
Minimum Illumination	0.1Lux(F1.8, AGC ON)					
White Balance	Auto / Manual					
Focus	Fixed					
Exposure	Auto / Manual/Shutter Priority/Brightness Priority					
BLC	On/Off					
SNR	≥50dB					

USB Feature	
Operation Systems	Windows 7(1080p or lower), Windows 8.1, Windows 10 ; macOS™ 10.10 or higher; Android; Linux (UVC support)
Video Compression Format	YUY2,NV12,MJPEG,H264
USB Audio	Support
USB Communication Protocol	UVC,UAC
PTZ Control	Support EPTZ
Hardware Requirement	2.4 GHz Intel@ Core 2 Duo or higher,2GB or higher, USB 2.0 port(USB 3.0 for 4K)

Other Parameter	
Input Voltage	5V
Input Current	1A(max)
Power Consumption	5W(max)
Stored Temperature	-10°C~+60°C
Stored Humidity	20%~90%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension	180mm×42.5mm×46.3mm
Weight	Around 0.23kg
Working Environment	Indoor
Accessory	User Manual, USB 3.0 cable

Dimension:

