

Auto Framing 4K EPTZ Camera MG201-SG

MG201-SG is a 4K ultra-high-definition ePTZ camera with a new design. 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;
- 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° 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 made 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.



Technical Specifications

| Model No. | MG201-SG-1 | MG201-SG-2 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Camera Parameters | | |
| Sensor | 1/2.8 inch High Quality 4K CMOS Sensor | |
| Effective Pixels | 8.28MP 16:9 | |
| Video output interfaces | 1 Channel USB 3.0 output, Type B, Support audio-in | |
| 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)/54°(V) | 110° (D) /100°(H)/53°(V) |
| Focus | f=3.24mm | f=2.26mm |
| Aperture | F2.1 | F1.8 |
| Digital Zoom | 10X | |
| Minimum Illumination | 0.1Lux(F1.8, AGC ON) | |
| Focus | Manual | |
| White Balance | Auto / Manual | |
| Exposure | Auto / Manual | |
| Backlight Contrast | On/off | |
| SNR | ≥50dB | |

| USB Feature | |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Operation Systems | Windows 7(1080P or lower), Windows 8.1, Windows 10 ; macOS™ 10.10 or higher; Linux (UVC support); Android |
| Video Compression format | YUY2,NV12,MJPEG,H.264 |
| USB Audio | Support |
| USB Communication Protocol | UV C,UAC |
| PTZ Control | Support EPTZ |
| Hardware Requirement | 2.4 GHz Intel@ Core 2 Duo processor or higher,2GB memory or higher, USB 2.0 port(USB 3.0 for 4K) |

| Other Parameters | | |
|-------------------------|--------------|---------|
| Input Voltage/Current | Voltage | 5V |
| | 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(W*H*D) | 180mm×42.5mm×46.3mm |
| Weight | Around 0.3kg |
| Application | Indoor |
| Accessory | USB 3.0 cable, Remote Controller (optional) ,User Manual |

Dimension (unit: mm)

