

# MS-4KCam

4K Ultra HD USB Camera

 **Solutions**



## Key Features:

- **Ultra 4K HD**  
Support 4K Ultra HD with super resolution up to 4K@30fps/25fps encoding output, and down compatible with 1080p,720p.
- **Lens**  
Wide angle up to 120°.At the same time, it supports EPTZ to make it more bigger and visible.
- **Low Light**  
Star-level ultra-high noise ratio of the new CMOS image sensor can effectively reduce the low noise in the case of image noise, while the application of 2D and 3D noise reduction algorithm, significantly reducing the image noise, even under low light conditions, still keep the picture Clean and clear, the image signal to noise ratio up to 55dB or more.
- **Autoframing**  
Support intelligent automatic framing function, can be changed with the seat order of the meeting room, the camera automatic transfer to obtain the best composition.
- **Built in Microphone**  
Built in microphone array, omnidirectional pickup, pickup distance up to 6 meters, noise suppressing algorithm with excellent sound.
- **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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From ideas to reality.

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## Technical Specifications:

| Camera                           |   |
|----------------------------------|---|
| Sensor                           | 1/2.5",CMOS, Effective Pixel: 8.29M   |
| Scanning Mode                    | Progressive   |
| Lens Mount                       | M12   |
| Lens 1                           | Focus: f=3.5mm,FOV: 84°   |
| Lens 2(Default)                  | Focus: f=2.8mm,FOV: 120°  |
| Autofocus                        | Support(84°)  |
| Minimal Illumination             | 0.5 Lux @ (F1.8,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   |
| USB Features                     |   |
| Operate System                   | "Windows® 7(1080pand under only), Windows 8.1,Windows 10or higher<br>macOS™ 10.10orhigher. Google™ Chromebook™ Version 29.0.1547.70orhigher<br>Linux" |
| Hardware Requirement             | "2.4GHz Intel® Core 2 Duo processor or higher, 2 GB RAM or more.USB 2.0<br>port (USB 3.0required for 4K)"   |
| Color System / Compression       | H.264 / MJPEG/YUY2/NV12   |
| Video Format                     | 4k@30fps/25fps, 1080p@30fps/25fps, 720p@30fps/25fps,<br>960x540p@30fps/25fps, 640x360p@30fps/25fps etc  |
| USB Video Communication Protocol | UVC 1.1   |
| UVC PTZ                          | Support(EPTZ)   |
| Input/Output Interface           |   |
| USB Interface                    | 1xUSB 3.0:Type B, female  |
| HDMI Interface (Optional)        | 1xHDMI: Version 1.4   |

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## Technical Specifications:

| General specification |                                      |
|-----------------------|--------------------------------------|
| Input Voltage         | 5V (USB power supply)                |
| Current Consumption   | 600mA(MAX)                           |
| Operating Temperature | -10°C - 40°C (14°F - 104°F)          |
| Storage Temperature   | -40°C - 60°C (-40°F - 140°F)         |
| Power Consumption     | 3.0W(MAX)                            |
| Size                  | 194mmx 34mm x 42mm (without bracket) |
| Net Weight            | 0.5KG                                |
| MTBF                  | 30000h                               |

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