



Description

- *Equipped with 4K Sensor and 4K lens to achieve high-definition electronic PTZ effect.
- *Built-in leading image recognition and tracking algorithms, it can achieve smooth and natural tracking effects without any auxiliary positioning camera or tracking host. Different cameras are assembled before production to achieve teacher tracking.
- *Fully automatic focus distortion-free lens, wide-angle field of view up to 42°. Supports EPTZ, allowing you to see more clearly.
- *Network or USB director output, no need for recording or terminal and other director equipment, can realize the director stream output of teacher's computer and student computer.
- *The new CMOS image sensor with ultra-high signal-to-noise ratio can effectively reduce image noise in low-light conditions. It also applies 2D and 3D noise reduction algorithms to significantly reduce image noise. Even in ultra-low-light conditions, the picture remains clean and clear, with an image signal-to-noise ratio of over 55dB.
- *Supports PoE one-line function, integrating power, video, audio and control into one.
- *Supports interlaced mode, a single camera can output panoramic and close-up signals simultaneously, achieving a dual-lens effect.
- *It supports up to 3840x2160@30fps resolution encoded network stream output and is backward compatible.

Specification

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| Sensor type | 1/2.7 inches, CMOS, effective 8.31 MP |
| Scanning method | Line by Line |
| Lens mount type | M12 |
| Lenses | Focal length: f=7.2mm, horizontal field of view: 44° |
| Auto focus | Teacher computer supports |
| Minimum illumination | 0.5 Lux @ (F1.8, AGC ON) |
| Electronic shutter | 1/30s ~ 1/10000s |
| White Balance | Auto, Indoor, Outdoor, One-touch, Manual, Specified color temperature |
| Digital noise reduction | 2D, 3D digital noise reduction |
| BLC | support |
| EPTZ | support |
| Digital zoom | 8x |
| PoE power supply | support |
| Lenses | Teacher tracking mode |
| Operating system | Windows 7/8/10/MacOS/Linux/Android |
| Color space/compression | H.264/MJPEG |
| USB Audio | support |
| USB Video Protocol | UVC 1.1~UVC 1.5 |
| Encoding Protocol | H.264/H.265/MJPEG |
| Video stream | First stream, second stream, third stream, fourth stream |
| First stream resolution | 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360 |



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| Second stream resolution | 3840x2160, 1920x1080, 1280x720, 1024x576, 720x576 (50Hz), 720x480 (OSD), 720x408, 640x360, 480x272, 320x240, 320x180 |
| Third stream resolution | 1920x1080, 1280x720, 1024x576, 960x540, 720x576, 720x408, 640x480, 640x360, 480x272, 320x240, 320x180 |
| Fourth stream resolution | 1920x1080, 1280x720, 1024x576, 960x540, 720x576, 720x408, 640x480, 640x360, 480x272, 320x240, 320x180 |
| Video bitrate | 32Kbps~16384Kbps |
| Bit rate control | Variable bit rate, fixed bit rate |
| Frame rate | 25fps, 30fps |
| Audio compression standards | AAC/G711A |
| Audio Bitrate | 64K, 96K, 128K, 256K |
| Supporting agreement | TCP/IP, HTTP, RTSP, RTMP(S), ONVIF, DHCP, 28181, multicast, etc. |
| Network interface | 1 LAN: 10M/100M adaptive Ethernet port, support PoE |
| Audio input interface | 1-channel LINE IN: 3.5mm audio input interface |
| Audio output interface | 1-channel LINE OUT: 3.5mm audio output interface |
| USB interface | 1-channel USB2.0: Type-C interface |
| Power interface | DC005 type (DC 12V) |
| Input voltage | DC 12V/PoE (802.3af) |
| Input current | 0.5A (max) |
| Power consumption | 6W (max) |
| Operating temperature | 0°C~40°C |
| Stored temperature | -40°C~60°C |
| Dimensions (L*W*H) | 110mm x 96mm x 44mm |
| Net weight | About 0.4Kg |