



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 can be assembled before production to achieve student 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.
- *Supporting 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

Sensor type	1/2.7 inches, CMOS, effective 8.31 MP
Scanning method	Line by Line
Lens mount type	M12
Lenses	Focal length: f=2.8mm, horizontal field of view: 95°
Auto focus	Teacher computer support
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	Student Tracking Mode
Operating system	Windows 718110MacOSXLinux 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



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-channel 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