

JX1801
4K UHD Box Camera

4K Ultra HD Resolution

46° / 84° / 120° three lens options

POE Supported

Main Features	● Ultra 4K HD Apply 4K Sensor and 4K Lens, can output 4K resolution. ● Intelligent teaching tracking Built-in advanced image recognition and tracking algorithm, coupled with VHD-V800 camera can easily realize fluent and continuous tracking. ● AF Lens Auto focus non-distortion lens, view angle 46° / 84° / 120° for options (120° not support AF), small lens with big view, supporting EPTZ. ● Low Light 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. ● PoC & PoE supported Support PoC(Power over Cable) & PoE(Power Over Ethernet). Power, video, audio, control three-in-one. ● Support interleaving mode Achieve single camera and single SDI interface to simultaneously output panoramic and close-up signals.
Model	JX1801
Name	4K Ultra HD Box Camera
Camera	
Sensor	1/2.5", CMOS, Effective Pixel: 8.51M
Scanning Mode	Progressive
Lens Mount	M12
Lens 1	Focus: f=7.35mm, FOV: 46°
Lens 2(Default)	Focus: f=3.5mm, FOV: 84°
Lens 1	Focus: f=2.8mm, FOV: 120°
Autofocus	Support (120° does not support)
Digital zoom	8X
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Digital Noise	2D, 3D digital noise reduction
Backlight	Support
EPTZ	Support
PoE	Support
Auto Tracking	Teacher mode / Student mode (optional)
Network Features	
Video Compression	H.265 / H.264 / MJPEG
Video Stream	The first, second, third, fourth stream

The First Stream	1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360
The Second Stream	3840x2160, 1920x1080, 1920x1080, 1280x720, 1024x576, 720x576(50Hz), 720x480(60Hz), 720x408, 640x360, 480x270, 320x240, 320x180
The Third Stream	1024x576, 960x540, 720x576(50Hz), 720x480(60Hz), 720x408, 640x360, 480x270, 320x240, 320x180
The Fourth Stream	1024x576, 960x540, 720x576(50Hz), 720x480(60Hz), 720x408, 640x360, 480x270, 320x240, 320x180
Video Bit Rate	32Kbps ~ 10240Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
Audio Compression	AAC
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.
Input/Output Interface	
HD Output	1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard, Support PoC
USB Interface	1xUSB2.0: Type A
Network Interface	1xRJ45: 10M/100M/1000M Ethernet Interface, PoE Support
Audio Interface	1-ch: Line In, 3pin Phoenix Port
Communication	1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	DC005 type (DC 12V)
General specification	
Input Voltage	DC 12V / PoE (IEEE802.3af) / PoC
Current	0.5A(Max)
Operating	-10°C ~ 40°C (14°F ~ 104°F)
Storage	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	6W(Max)
Size	72mm x 60mm x 130mm (not include the protruding part)
Net Weight	0.45kg
MTBF	30000h
Product Picture	

