

PTZIP204W-X4IR

Platinum 4 MP 4× Network IR PTZ Camera



The PTZIP204W-X4IR 4 MP 4x IR Network PTZ Camera can be used in multiple scenes, such as corridors, offices, convenience stores, restaurants, and more.

Key Features

- 1/3" progressive scan CMOS
- Up to 2560 × 1440 @ 25 fps resolution
- Min. illumination:
 - Color: 0.005 Lux @ (F1.6, AGC on)
 - B/W: 0.001 Lux @ (F1.6, AGC on)
 - 0 Lux with IR on
- 4× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, EIS, Regional Exposure, Regional Focus
- 12 VDC & PoE
- Up to 66 ft (20 m) IR distance
- IP67, IK10 Vandal Proof
- Supports H.265 & H.265+ video compressions

Specifications

Camera Module	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON) B/W: 0.001 Lux @ (F1.6, AGC ON) 0 Lux with IR
White Balance	Auto / Manual / ATW (Auto-tracking White Balance) / Indoor / Outdoor / Fluorescent Lamp / Sodium Lamp
Gain	Auto/Manual
Shutter Time	50 Hz: 1/1 sec. to 1/30,000 sec. 60 Hz: 1/1 sec. to 1/30,000 sec.
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto / Semi-automatic / Manual
WDR	120 dB WDR
Lens	
Focal Length	2.8 to 12 mm, 4x optical zoom
Zoom Speed	Approx. 2 sec (optical lens, wide-tele)
Field of View	Horizontal: 100° to 33° (wide-tele) Vertical: 53° to 18° (wide-tele) Diagonal: 119° to 37.5° (wide-tele)
Distance	10 to 1,500 mm (wide-tele)
Aperture Range	F1.6 to F2.7
PTZ	
Movement Range (Pan)	0° to 330°
Pan Speed	Configurable, from 0.1°/sec. to 100°/sec., Preset speed: 100°/sec.
Movement Range (Tilt)	From 0° to 90°
Tilt Speed	Configurable, from 0.1°/sec. to 100°/sec. Preset Speed: 100°/sec.
Proportional Zoom	Supported
Presets	300
Power-off Memory	Supported
Compression Standard	
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third Stream: H.265 / H.264 / MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Supported
H.265+	Supported
Video Bitrate	32 Kbps to 16,384 Kbps
Audio Compression	G.711 alaw / G.711 ulaw / G.722.1 / G.726 / MP2L2 / PCM
Audio Bitrate	64 Kbps (G.711) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 Kbps to 160 Kbps (MP2L2)
SVC	Supported
Smart Features	
Basic Event	Motion Detection, Video Tampering Detection, Exception
Smart Event	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Anomaly Detection

Smart Recording	ANR (Automatic Network Replenishment), Dual-VCA
ROI	Main stream, sub-stream, and third stream respectively support two fixed areas.
IR	
IR Distance	66 ft (20 m)
Smart IR	Supported
Imaging	
Max. Resolution	2560 × 1440
Main Stream	50 Hz: 25 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 24 fps (2560 × 1440), 30 fps (2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50 Hz: 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	3D DNR, HLC, EIS, Regional Exposure, Regional Focus
Network	
Network Storage	Built-in memory card slot, supports MicroSD / SDHC / SDXC, up to 256 GB; NAS (NPS, SMB / CIFS), ANR
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended; supports ONVIF, ISAPI, and CGI; supports Third-Party Management Platforms
Simultaneous Live View	Up to 20 channels
User / Host	Up to 32 users 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
Interface	
Audio Interface	1 channel audio input and 1 channel audio output
Network Interface	1 RJ45 10 M/100 M Ethernet, PoE
General	
Power	12 VDC & PoE Max.: 12 W (Max. 3.9 W for IR)
Operating Temperature	-4° to 140° F (-20° to 60° C)
Operating Humidity	≤ 90%
Protection Ratings	IP67 Standard, IK10 Vandal Proof, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Materials	Aluminum alloy, PC, PC+ABS
Dimensions	Φ 5.15 × 4.00 in. (Φ 130.7 mm × 101.7 mm)
Weight	Approx. 1.17 lbs (0.53 kg)

Dimensions (mm)

