

IP-2PT-IZ04A

2MP 4x IR PTZ Network Camera





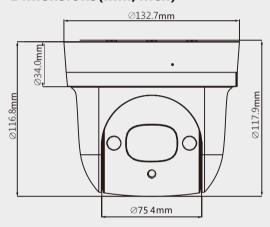
System Overview

Featuring powerful optical zoom and accurate pan/tilt/zoom performance, the camera provides a wide monitoring range and great detail. The camera delivers 4MP resolution at 25/30fps. The camera is equipped with smooth control, high quality image, and good protection, meeting compact size demands of video surveillance applications.

Features

- 1/2.7" 2Megapixel CMOS
- Powerful 4x optical zoom
- Support Triple-streams encoding
- WDR, Day/Night(ICR), Ultra DNR
- Max. 25/30fps@1080P
- IVS
- Support PoE
- IR distance up to 30m

Dimensions(mm/inch)



Functions

Wide Dynamic Range

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, True WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

Smart H.264+

Delivering high quality video without straining the network, Smart H.264+ is the optimized implementation of H.264. The Smart H.264+ encoding platform includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing a savings of up to 70% of bandwidth and storage when compared with standard H.264.

Environmental

The camera can function from -30° C to $+60^{\circ}$ C(-22° F to $+140^{\circ}$ F) with 95% humility, meanwhile some models support heater module optional which allows the camera to function from -40° Cto $+60^{\circ}$ C (-40° F to $+140^{\circ}$ F). With a temperature range of -40° C to $+60^{\circ}$ C, the camera is designed for extreme temperature environments.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) and PSIA (Physical Security Interoperability Alliance) specifications, ensuring interoperability between network video products regardless of manufacturer.







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Video			
Compression	H.264+/H.264/MJPEG		
Streaming Capability	3 Streams		
Resolution	1080P(1920×1080)/720P(1280×720)/ D1(704×576/704×480)/CIF(352×288/352×240)		
	Main stream: 1080P/720P/D1 (1 ~ 25/30fps)		
Frame Rate	Sub stream1: D1/CIF(1 ~ 25/30fps)		
	Sub stream2: 720P/D1/CIF (1 ~ 25/30fps)		
Bit Rate Control	CBR/VBR		
Bit Rate	H.264+/H.264: 448K $^{\sim}$ 8192Kbps, MJPEG: 5120K $^{\sim}$ 10240Kbps		
Day/Night	Auto(ICR) / Color / B/W		
Backlight Compensation	BLC / HLC / WDR (120dB)		
White Balance	Auto,ATW,Indoor,Outdoor,Manual		
Gain Control	Auto / Manual		
Noise Reduction	Ultra DNR (2D/3D)		
Motion Detection	Support		
Region of Interest	support		
Electronic Image Stabilization (EIS)	N/A		
Defog	Support		
Digital Zoom	16x		
Flip	180°		
Privacy Masking	Up to 24 areas		
Audio			
Compression	G.711a/G.711u(32kbps)/PCM(128kbps)		
Network			
Ethernet	RJ-45 (10Base-T/100Base-TX)		
Wifi	N/A		
Protocol	IPv4/IPv6,HTTP,HTTPS,SSL,TCP/IP, UDP,UPnP, ICMP,IGMP,SNMP,RTSP,RTP, SMTP, NTP,DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS,Bonjour,802.1:		
Interoperability	ONVIF, PSIA, CGI		
Streaming Method	Unicast / Multicast		
Max. User Access	20 users		
Edge Storage	NAS (Network Attached Storage),Local PC for instant recording, Micro SD card 128GB		
Web Viewer	IE, Chrome, Firefox, Safari		
Management Software	Unisight VMS		
Smart Phone	IOS, Android		
Certifications			
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014		

UL: UL60950-1+CAN/CSA C22.2,No.60950-1



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Interface				
Video Interface	N/A			
RS485	N/A			
Audio I/O	Built-in Mic			
Alarm I/O	N/A			
Electrical				
Power Supply	DC 12V/1.5A, PoE(802.3af)			
Power Consumption	10W,13W (IR on)			
Environmental				
Operating Conditions	-30°C ~ 60°C (-22°F ~ +140°F) / Less than 90% RH			
Ingress Protection	N/A			
Vandal Resistance	N/A			
Construction				
Casing	Metal			
Dimensions	Ф132.7 (mm) x 117.9 (mm)			
Net Weight	0.95kg(2.09lb)			
Gross Weight	1kg(2.20lb)			

Accessories (optional)



PFB302S Wall Mount



PFA103 Mount Adater



DC12V/2A Power Adapter



PFA150 Pole Mount



Ceiling Mount





