

FEATURES



- 1/2.8" progressive scan CMOS
- 30x optical zoom, 16x digital zoom
- 3MP(2048×1536)@25/30fps
- Multiple streams
- Smart IR Up to 400m
- Auto tracking
- True WDR, 3D DNR
- ROI, Defog, HLC, Corridor mode, DIS
- IP66, IK10

TECHNICAL SPECIFICATIONS

MODEL	ZN8-P3X30-NIR
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2048(H) x 1536(V)
Electronic Shutter	Auto/Manual, 1/5-1/20,000s
Min. illumination	Color: 0.01Lux@(F1.2, AGC ON) B/W: 0 Lux@(IR LED On)
S/N Ratio	55dB
Wide Dynamic Range	WDR (120dB)
IR Range	Up to 400m
IR On/Off Control	Auto/ Manual
IR LEDs	4 LEDs, 4 Laser LEDs
Lens	
Lens Type	4.5~135mm
Max. Aperture	F1.6~F4.4
Angle of View	H: 59.8°~2.3°
Optical Zoom	30x
Digital Zoom	16x
Focus Control	Auto/Manual
Audio	
Compression	G.711, RAW_PCM
Bit Rate	8kbps, 16kps, 64kbps

3MP 30X PTZ IP Camera

PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless, Tilt: -10° ~ +90°
Manual Control Speed	Pan: 0.1° ~180° /s, Tilt: 0.1° ~90° /s
Preset Speed	Pan: 180° /s, Tilt: 90° /s
Presets	400
PTZ Mode	6 Track, 12 Tour, 12 Scan,
Speed Setup	Auto/Manual (0-8)
Power up Action	Support
Idle Motion	Activate Preset/ Scan/ Tour/ Track if there is no command in the specified period
Video	
Compression	H.265, H.264, MJPEG
Max. Resolution	3MP(2048×1536)
Streaming Capability	3 Streams
Stream / Frame Rate	Stream1: 2048×1536/1920×1080/1280×720 @25/30fps Stream2: D1/VGA/640×360/CIF/QVGA @25/30fps Stream3: VGA/CIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~6Mbps
Image Enhancement	HLC / BLC / Anti-shake / Defog / WDR (120dB)
White Balance	Auto/Tungsten/Fluorescent/Daylight/Shadow/Manual
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Privacy Masking	Off / On (4 Area, Rectangle)
Motion Detection	Off / On
Region of Interest	Off / On (8 Zone)
Network	
Protocols:	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	NAS, Local PC for instant recording, Micro SD card 128GB
Smart Phone	IOS, Android
Intelligence	
Auto Tracking	Support
IVS	Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

3MP 30X PTZ IP Camera

Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio	1ch Input, 1ch Output
Alarm	7ch Input, 2ch Output
Rs485	Support
CVBS Output	Support
Reset Button	Yes (Built-in)
Electrical	
Power Supply	AC24V/Hi-POE (Adapter optional)
Power Consumption	Less than 32W
Operating Temperature	Starting Temperature: -40°C ~ 60°C (-40°F ~ 140 °F) Working Temperature: -55°C ~ 60°C (-67°F ~ 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, TVS4000V
Certifications	CE/FCC/EN/BIS
Casing	Metal
Dimensions	Φ226×362.8mm
Net Weight	5.2Kg

Dimensions

Unit: mm

