SUNELL

SN-IPS8620MDR-Z25
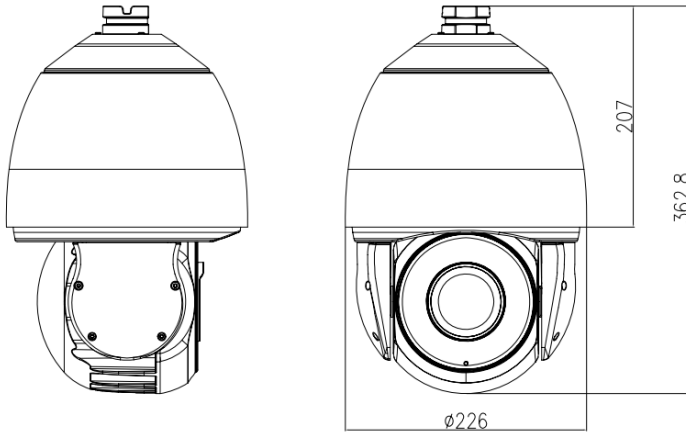
7-inch 2MP IR PTZ Network Camera

Key Features

- 1/2.8" progressive scan CMOS
- 25x optical zoom,16x digital zoom
- Max. 2MP(1920×1080) @ 25/30fps resolution
- Support face, human and vehicle detection and capture
- Intelligent Analysis: intrusion, single line crossing, double line crossing, loitering, wrong way, illegal parking, people counting
- Auto tracking and perimeter protection based on deep learning
- 3D DNR, WDR, ICR, Defog, Anti-shake
- Smart IR distance up to 200 m
- IP66

Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920(H)×1080(V)
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Color: 0.05 Lux @ (F1.6, AGC ON) B/W: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR
Day & Night	IR cut filter
IR Distance	Smart IR, up to 200 m (656.2 ft)
IR On/Off Control	Auto/Manual

Lens	
Focal Length	5 ~ 125mm
Max. Aperture	F1.6 ~ F3.67
Angle of View	H: 57.0° ~ 3.4°, V: 33.2° ~ 1.9°
Optical Zoom	25x
Digital Zoom	16x
Focus Control	Auto/Manual/Semi-automatic

PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless, Tilt: -10° ~ +90°
Pan Speed	Pan speed: 0.1° to 300°/s, preset speed: 300°/s
Tilt Speed	Tilt speed: 0.1° to 300°/s, preset speed: 300°/s
Presets	400
PTZ Mode	6 Track, 12 Scan, 12 Patrol (up to 32 presets per patrol)
Power-Off Memory	Support
3D Positioning	Support
PTZ Status Display	Support
Idle Motion	The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run.

Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 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~3Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support

Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation
Mirror	Support
Exposure Mode	Auto/Manual
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time

Noise Reduction	2D/3D DNR
Wide Dynamic Range	True WDR
Image Enhancement	HLC, BLC, Defog, Anti-shake
S/N Ratio	55dB
Motion Detection	Support
Privacy Masking	Support

Audio	
Compression	G.711 (8kbps), RAW_PCM (16kbps)

Smart Function	
Multi-Object Detection	Support face, human, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal Parking (the six functions support the accurate detection of vehicle and human), People counting
Auto Tracking	Support

Network	
Protocols	IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF, SDK, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English

Interface	
Network Interface	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port
Audio Interface	1ch Input, 1ch Output
Alarm Interface	7ch Input, 2ch Output
RS485	Support
CVBS Output	Support
SD Card Slot	Yes (Built-in), up to 256GB

Electrical	
Power Supply	AC24V/DC36V/POE++ (IEEE 802.3bt) Standard Equipped: DC36V
Power Consumption	Less than 45 W
Operating Temperature	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, TVS4000V
Certifications	CE/FCC
Casing	Metal
Dimensions	Φ226 × 362.8 mm (Φ8.9 × 14.28 inch)
Net Weight	5.5 kg (12.12 lb)

Dimensions (mm)

Accessories

Optional:

SN-BK349
Wall Bracket

SN-BK348
Ceiling Bracket

SN-BK605
Corner Mount

SN-BK604B
Pole Mount

SN-BK367
Junction Box

SN-BK355
Wall Bracket

SN-BK358
Corner Mount

SN-BK359
Pole Mount