SUNELL

SN-IPS8622YDR-Z25

5-inch 2MP 25x IR Network PTZ Camera

Key Features

- 1/2.8" STARVIS™ CMOS

- Max. 25/30 fps@1920 × 1080

- 25x optical zoom, 16x digital zoom

- Support face, human and vehicle detection and capture

- Support smoke and fire detection as well as smart motion detection

- Auto tracking and perimeter protection based on deep learning

- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking and people counting

- True WDR, 3D DNR, ICR, Defog and Anti-shake

- Smart IR distance up to 200 m

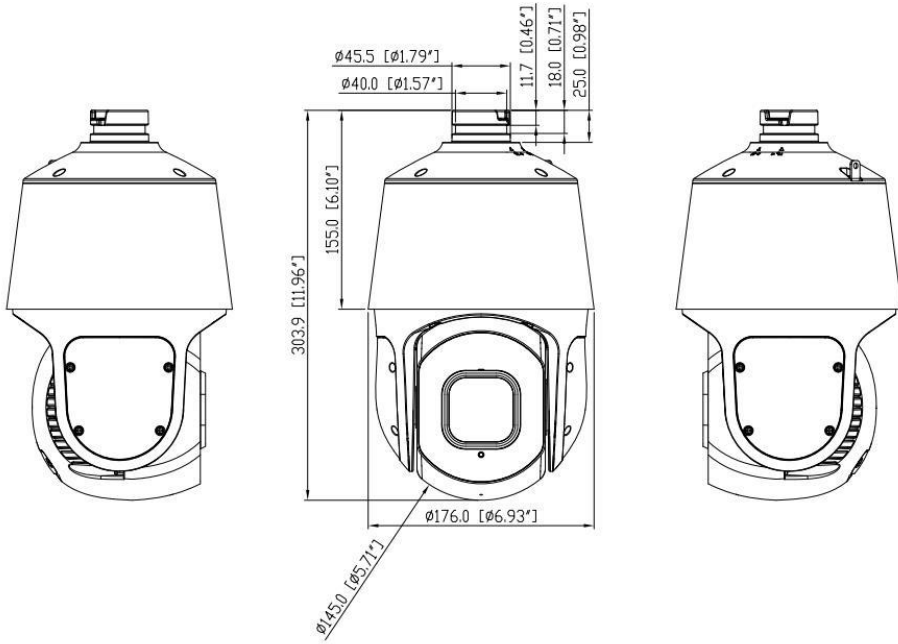- Supports heated glass for defogging , IP66

Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920(H) × 1080(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0.003 Lux @ (F1.6, AGC ON), 0 Lux with light on
Day & Night	Auto (ICR)

Lens

Focal Length	5 to 125 mm
Max. Aperture	F1.6 to F3.67
Angle of View	H: 56.2° to 3.3°, V: 32.4° to 1.9°
Optical Zoom	25x
Digital Zoom	16x
Iris Control	Auto/Manual
Focus Control	Auto/Manual/Semi-automatic

DORI

DORI Distance (Lens)	5 to 125 mm
DORI Distance (Detection)	78 to 1,950 m (255.9 to 6,397.6 ft)
DORI Distance (Observe)	31.2 to 780 m (102.4 to 2,559.1 ft)
DORI Distance (Recognize)	15.6 to 390 m (51.2 to 1,279.5 ft)
DORI Distance (Identify)	7.8 to 195 m (25.6 to 639.8 ft)

Illuminator

Illuminator Type	IR
Illumination Distance	IR distance up to 200 m (656.2 ft)
Illumination On/Off Control	Auto/Manual

PTZ

Pan/Tilt Range	Pan: 0° to 360° endless, Tilt: -15° to +90° (auto-flip)
Pan Speed	Pan speed: 0.1° to 180°/s, preset speed: 180°/s
Tilt Speed	Tilt speed: 0.1° to 90°/s, preset speed: 90°/s

Presets	400
Patrol Scan	6 Track, 12 Scan, 12 Patrol (up to 32 presets each 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, CIF @25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 kbps to 12 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support
Audio	
Compression	G.711: 64 kbps, RAW_PCM: 128 kbps
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
Image Enhancement	HLC, BLC, Defog, Anti-shake
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Privacy Masking	Support 40 zones, mask color configurable
Smart Function	
Basic Event	Motion detection alarm, I/O alarm, Disk alarm, Network alarm
Multi-Object Detection	Support face, human, vehicle detection and capture

Smoke and Fire Detection	Support
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection (support the accurate detection of vehicle and human)
People Counting	Support
Smart 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 (profile S/T/G/M), SDK, CGI
Streaming Method	Multicast
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 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	2ch Input, 2ch Output
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support

Electrical	
Power Supply	24VAC/36VDC/PoE+ (802.3at), Standard Equipped: 36VDC
Power Consumption	Less than 24W
Operating Temperature	-40°C to 60°C (-40°F to 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, TVS4000V
Certifications	CE/FCC
Casing	Metal
Dimensions	φ176.0 × 303.9mm (φ6.93 × 11.96 inch)
Net Weight	4 Kg (8.82 lb)

Dimensions (mm)

ø45.5 [ø1.79"]
ø40.0 [ø1.57"]
11.7 [0.46"]
18.0 [0.71"]
25.0 [0.98"]
155.0 [6.10"]
303.9 [11.96"]
ø176.0 [ø6.93"]
ø145.0 [ø5.71"]

Accessories

Optional：

SN-CBK504A
Wall Bracket

SN-BK348A
Ceiling Bracket

SN-BK605
Corner Mount

SN-BK604B
Pole Mount

SN-BK367
Junction Box

SN-BK359
Pole Mount

SN-BK358
Corner Mount