SN-IPS8641WDL-Z37

7-inch 4MP 37x Starlight Laser PTZ Network Camera

Key Features

- 1/1.8" 4MP STARVIS™ CMOS

- 37x optical zoom and 16x digital zoom

- Support face, human and vehicle detection and capture

- Support smoke & 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, HLC, BLC, Defog and EIS

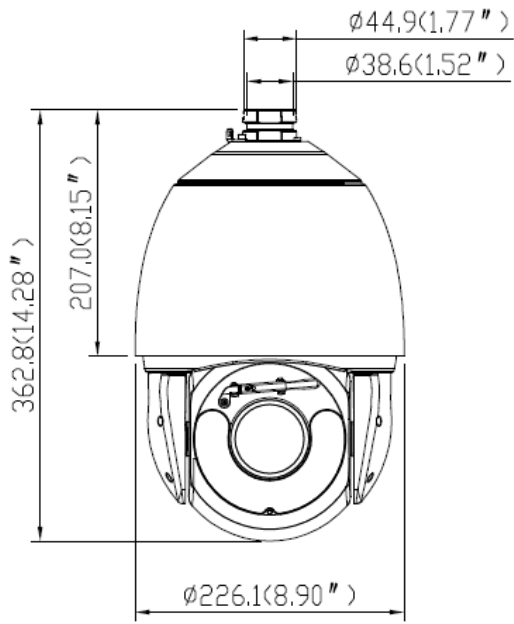- Laser illumination distance up to 600m

- IP66

Specification

Camera

Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2592(H) × 1520(V)
Min. illumination	Color: 0.001 Lux @ (F1.5, AGC ON), B/W: 0.0001 Lux @ (F1.5, AGC ON), 0 Lux with IR
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Day & Night	Auto (ICR)
Wiper	Support

Lens

Focal Length	6.8 to 251 mm, 37x optical zoom
Aperture	F1.5 to F4.8
Angle of View	H: 60.7° to 2.33°, V: 36.8° to 1.38°
Zoom Speed	Approx. 2.5s
Iris Control	Auto/Manual
Focus Control	Auto/Manual/Semi-automatic
Digital Zoom	16x

DORI Distance

Lens	Detect	Observe	Recognize	Identify
6.8 mm	100 m (328.1 ft)	40 m (131.2 ft)	20 m (65.6 ft)	10 m (32.8 ft)
251 mm	4,000 m (13,123.4 ft)	1,600 m (5,249.3 ft)	800 m (2,624.6 ft)	400 m (1,312.3 ft)

Illuminator

Illuminator Type	IR + Laser
Illumination Distance	Up to 600m (1,968.5ft)
Illuminator On/Off Control	Auto/Manual

PTZ

Pan/Tilt Range	Pan: 0° to 360° endless, Tilt: -10° to +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

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: 2592×1520, 2304×1296, 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: 200kbps to 16Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support
Audio	
Audio Compression	G.711, RAW_PCM
Audio Bit Rate	64Kbps (G.711), 128Kbps (RAW_PCM)
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, EIS
Wide Dynamic Range	True WDR
S/N Ratio	50dB
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

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)
Smoke & Fire Detection	Support
People Counting	Support
Smart Tracking	Support
Network	
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF, 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	7ch Input, 2ch Output
RS-485	Support
CVBS Interface	Support
SD Card Slot	Built-in, up to 1TB
Electrical	
Power Supply	24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC
Power Consumption	Less than 45 W
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	φ226 × 362.8mm (φ8.9 × 14.28 inch)
Net Weight	5.5 Kg (12.13 lb)

Dimensions (mm)

Ø44.9(1.77″)
Ø38.6(1.52″)
207.0(8.15″)
362.8(14.28″)
Ø226.1(8.90″)

Accessories

Optional:

SN-CBK506B
Wall Bracket

SN-BK348A
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