SUNELL

SN-IPR8540DQAW-B

4MP Nighthawk Full Color Bullet Network Camera
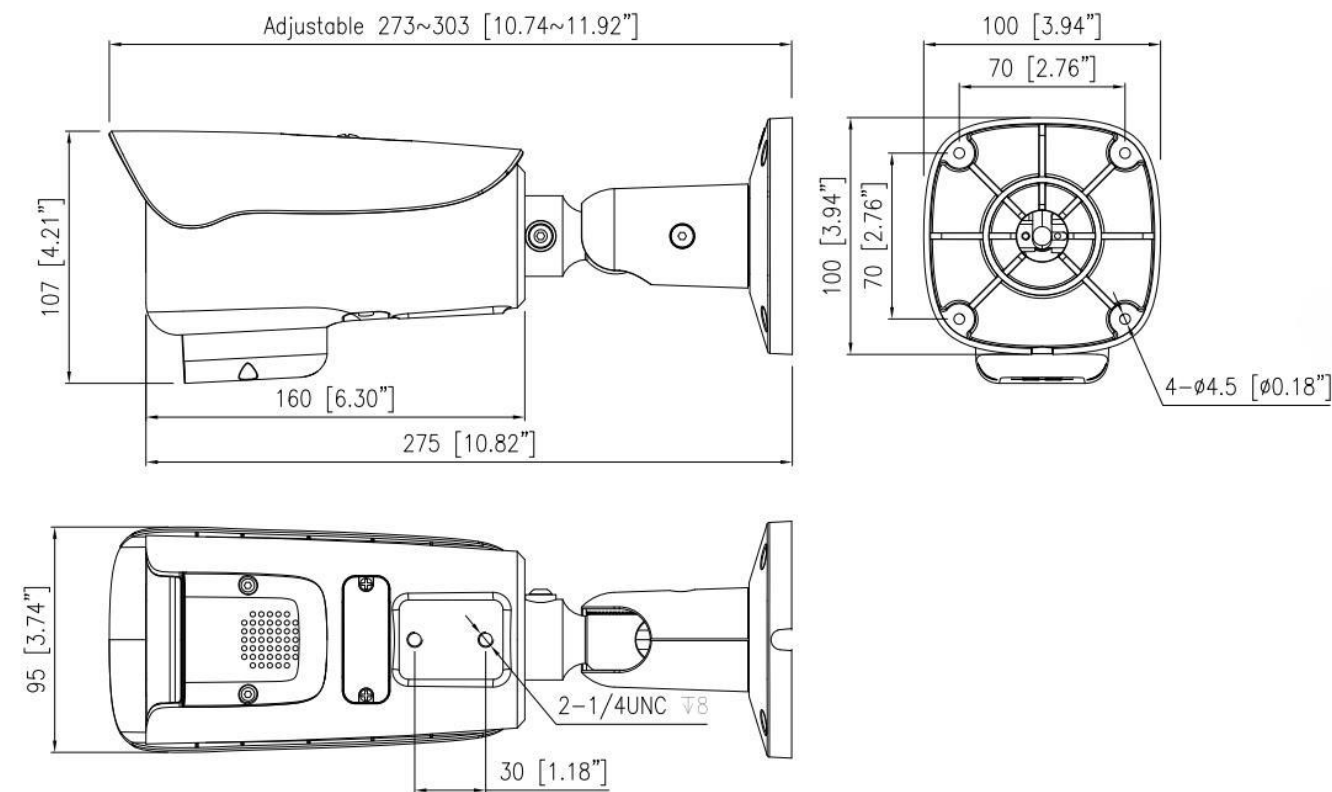
Key Features

- 1/1.8" progressive scan CMOS

- Max. 4MP(2688×1520) @25/30fps resolution

- Support face, human, vehicle detection and capture

- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, smart motion detection (SMD) and people counting

- True WDR, 3D DNR, ROI, HLC, BLC, Defog

- Built-in warm lights, illumination distance up to 40m

- 1/1 alarm in/out, 1/1 audio in/out, built-in microphone and speaker

- Support SD card slot

- Support 12VDC/0.25A power output

- IP66

Specification

Camera

Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	4MP (2688×1520)
Electronic Shutter	Auto/Manual, 1/5 to 1/50,000s
Min. illumination	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with warm-light ON
Day & Night	Fixed filter
Angle Adjustment	Pan: 0˚ to 360˚, Tilt: 0˚ to 90˚, Rotation: 0˚ to 360˚

Lens

Lens Type	Fixed focus lens
Iris	Fixed Iris
Focal Length	2.8 mm, 4 mm and 6 mm optional
F Number	F1.0
Field of View	2.8 mm, H: 112.4°, V: 61.2° 4 mm, H: 95.6°, V: 50.6° 6 mm, H: 54.4°, V: 28.7°

DORI

	Lens	Detect	Observe	Recognize	Identify
DORI Distance	2.8 mm	56 m (183.7 ft)	22.4 m (73.5 ft)	11.2 m (36.7 ft)	5.6 m (18.4 ft)
	4 mm	65 m (213.3 ft)	26 m (85.3 ft)	13 m (42.7 ft)	6.5 m (21.3 ft)
	6 mm	110 m (360.9 ft)	44 m (144.4 ft)	22 m (72.2 ft)	11 m (36.1 ft)

Illuminator

Illuminator Type	Warm light
Illumination Range	Up to 40 m (131.2 ft)
Illumination On/Off Control	Auto/Manual

Video

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2688×1520, 2560×1440, 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: 200 kbps to 12 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	Support

Audio

Compression	G.711, RAW_PCM
Bit Rate	64 kbps (G.711), 128 kbps (RAW_PCM)

Image

Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Aisle Mode	Support

Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Privacy Masking	4 areas
Smart Function	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Smart motion detection Support alarm triggering by specified target types (human and vehicle)
People Counting	Support
Basic Events	Disk alarm, Network alarm, I/O alarm, Motion alarm, Abnormal sound detection
Network	
Protocols	IPv4/IPv6, RTSP/RTCP/RTP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPoE, UPnP, ICMP, IGMP, FTP, NTP, SMTP, 802.1x, SNMP
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
Built-in Microphone	Support
Built-in Speaker	Support
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
Reset Button	Support
SD Card Slot	Built-in, up to 1 TB
Power Output	12VDC/0.25A output
Electrical	
Power Supply	DC12V (-15% to +25%)/PoE (IEEE 802.3af)
Power Consumption	Max. 8.5W
Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal
Dimensions	303 × 100 × 107 mm (11.9 × 3.94 × 4.21 inch)
Net Weight	1.25 kg (2.76 lb)

Dimensions (mm)

Adjustable 273~303 [10.74~11.92"]

107 [4.21"]

160 [6.30"]

275 [10.82"]

100 [3.94"]

70 [2.76"]

100 [3.94"]

70 [2.76"]

4−ø4.5 [ø0.18"]

95 [3.74"]

2-1/4UNC ▽8

30 [1.18"]

Accessories

Optional：

SN-CBK649B
Junction Box

SN-CBK627D
Pole Mount