SUNELL

SN-IPR8130BYBN-B

3MP IR Fixed Bullet Network Camera

Key Features

- 1/2.8" progressive scan CMOS

- Max. 3MP(2304×1296) @25fps resolution

- 2.8 mm / 4 mm fixed lens optional

- Support face, human, vehicle detection

- Intelligent analysis: intrusion, single / double line crossing, loitering, wrong-way detection, smart motion detection

- DWDR, 3D DNR, ROI, HLC, BLC

- Smart IR distance up to 30 m

- Built-in micro SD card slot

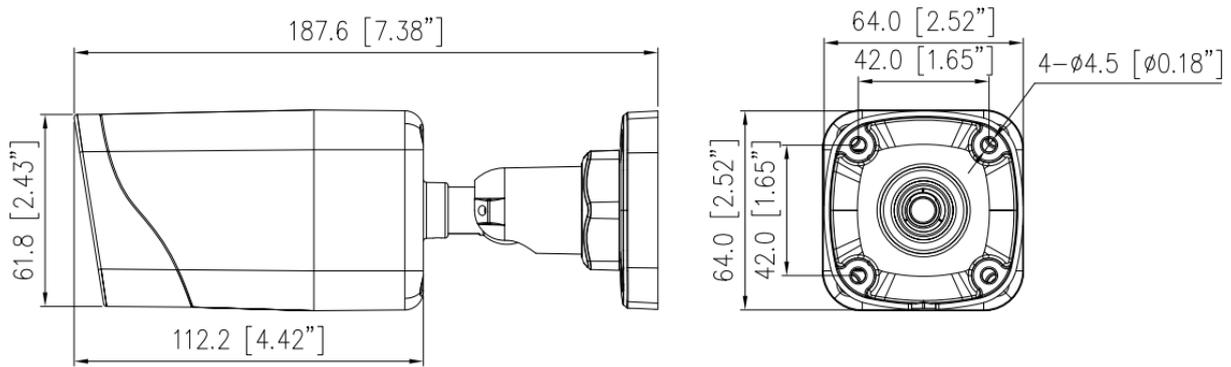- Supports 12VDC/PoE power supply

- IP67 protection

Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	3MP, 2304(H) × 1296(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.03 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR
Day & Night	IR cut filter
Wide Dynamic Range	DWDR
Angle Adjustment	Pan: 0˚ to 360˚, Tilt: 0˚ to 90˚, Rotation: 0˚ to 360˚

Lens

Lens Type	Fixed lens, Fixed focal
Iris	Fixed Iris
Focal Length	2.8 mm, 4 mm optional
Max. Aperture	F2.0 / F1.6
Field of View (FOV)	2.8 mm: - H: 103.3°, V: 56.7° 4 mm: - H: 89°, V: 44.9°

DORI Distance

Detect (2.8 mm)	55 m (180.45 ft)
Observe (2.8 mm)	22 m (72.18 ft)
Recognize (2.8 mm)	11 m (36.09 ft)
Identify (2.8 mm)	5.5 m (18.04 ft)

DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.

Illuminator

Illuminator Type	IR
Illumination Distance	Up to 30 m (98.4 ft)
Illumination On/Off Control	Auto/Manual
IR wavelength	850 nm

Intelligent Analytics

Multi-Object Detection	Supports face, human, vehicle detection

Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, and Smart motion detection Support alarm triggering by specified target types (human and vehicle)

Video and Audio

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2304×1296, 1920×1080, 1280×960, 1280×720 @25fps Stream2: D1, VGA, 640×360,CIF, QVGA @25fps Stream3: VGA, CIF, QVGA @25fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 100 Kbps to 6 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
Smart Encoder	Support
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)

Image

Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	Indoor, Outdoor, Mirror, Corridor Mode
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC
Privacy Masking	4 areas

Event

Alarm Triggers	IVS, Motion detection, Network alarm, Disk alarm, Day/Night switch alarm
Event Actions	Alarm record, SMTP upload, FTP upload

Network

Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge

Interface

Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
SD Card Slot	Built-in, up to 256GB
Reset Button	Support
General	
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
Power Supply	12 VDC (-15% to +25%)/PoE (802.3af)
Power Consumption	Max 5 W
Operating Temperature	-30°C to 55°C (-22°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-3, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Aluminum alloy
Dimensions	187.6 × 64 × 64 mm (7.39 × 2.52 × 2.52 inch)
Net Weight	0.55 kg (1.21 lb)

Dimensions (mm)

Accessories

Optional:

SN-CBK656A
Junction Box

SN-CBK627D
Pole Mount