



SN-IPR8130BZBN-Z

3MP IR Varifocal Bullet Network Camera



Key Features

- 1/2.8" progressive scan CMOS
- Max. 3MP(2304×1296) @25fps resolution
- 2.7 to 13.5 mm motorized focal lens
- 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 40 m
- Built-in micro SD card slot
- Supports 12VDC/PoE power supply
- IP67 protection



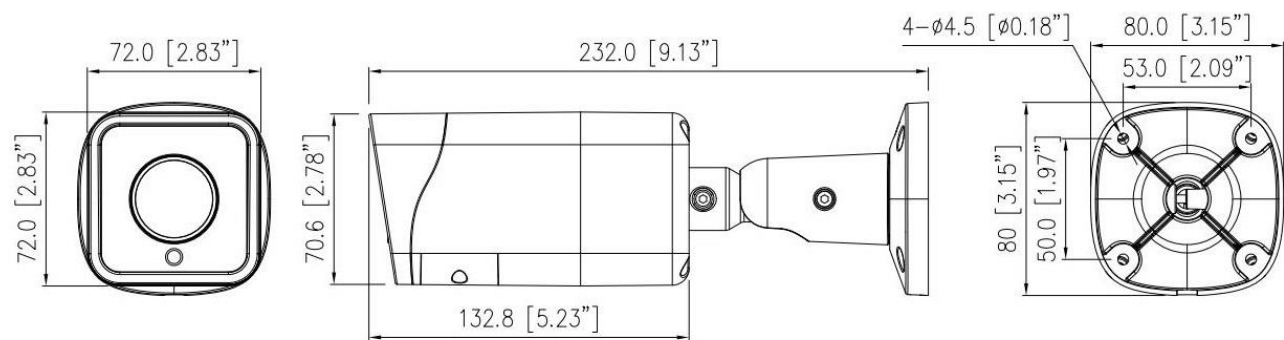
Specification

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	Varifocal lens, Motorized focal
Iris	Fixed Iris
Focal Length	2.7 to 13.5 mm
Max. Aperture	F1.6
Field of View (FOV)	H: 101.4° to 28.7°, V: 54.8° to 16.1°
DORI Distance	
Detect	48 to 83 m (157.48 to 272.31 ft)
Observe	19.2 to 33.2 m (62.99 to 108.92 ft)
Recognize	9.6 to 16.6 m (31.5 to 54.46 ft)
Identify	4.8 to 8.3 m (15.75 to 27.23 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 40 m (131.2 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 5.5 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	232 × 80 × 80 mm (9.13 × 3.15 × 3.15 inch)
Net Weight	0.76 kg (1.68 lb)

Dimensions (mm)



Accessories

Optional:



SN-CBK656A
Junction Box



SN-CBK627D
Pole Mount