

4N-N321B1-BS

2MP Smart Dual illumination Turret Network Camera



Key Features

- Max. 2MP (1920 × 1080) @ 25/30fps resolution
- 2.8 mm fixed lens (4 mm optional)
- Supports human and vehicle detection
- Intelligent analytics: intrusion detection, single/double line crossing, loitering, wrong-way detection, illegal parking, smart motion detection, and people counting
- DWDR, 3D DNR, ROI, HLC, BLC, Defog
- Support Encode H.264 , H.265 , MJPEG
- Built-in IR and warm LEDs, illumination distance up to 30m
- Built-in microphone and microSD card slot (supports up to 1 TB)
- IP66 -rated protection

Specification

Camera

Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2MP, 1920(H) × 1080(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light
Day & Night	IR cut filter
Wide Dynamic Range	DWDR
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 85°, Rotation: 0° to 360°

Lens

Lens Type	Fixed lens, fixed focal
Iris	Fixed Iris
Focal Length	2.8 mm (4 mm optional)
Max. Aperture	F1.6
Field of View (FOV)	2.8 mm, - H: 95.3°, V: 52.4°

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8 mm	46 m (150.9 ft)	18.4 m (60.4 ft)	9.2 m (30.2 ft)	4.6 m (15.1 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, Warm light
Illumination Distance	IR distance up to 30 m (98.4 ft) Warm light distance up to 20 m (65.6 ft)
Illumination Control	IR mode, White mode, Intelligent mode, None
IR wavelength	850 nm

Intelligent Analytics

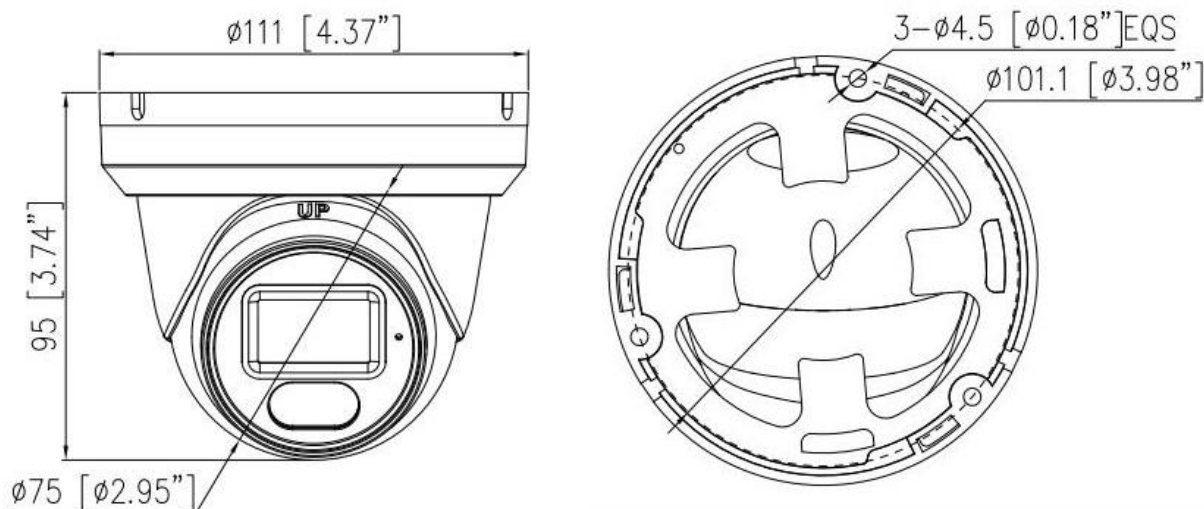
Multi-Object Detection	Supports human/vehicle detection. Supports multiple frame modes: Full Frame, Four-corner Frame, and Mosaic.
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, and Smart motion detection. Support alarm triggering by specified target types (human and vehicle)
People Counting	Supported

Video and Audio

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
Region of Interest	Off/On (8 areas, Rectangle)
Smart Encode	Supported
Audio Compression	G.711 A-law, G.711 μ-law, RAW_PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	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	HLC, BLC, Defog, WDR
Privacy Masking	4 areas
Event	
Alarm Triggers	IVS, Motion detection, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, FTP upload, SMTP upload, White light alarm output
Network	
Protocols	IPv4/IPv6, RTSP/ RTPC/RTP, TCP/UDP, HTTP/HTTPS, DHCP, DNS, DDNS, PPPoE, UPnP, ICMP, IGMP, FTP, NTP, SMTP, 802.1x, SNMP
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	4 channels
User/Host Level	Up to 32 users; 3 levels: Administrator, Operator, and Media User
Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Interface	
Network Interface	1 × RJ45 10/100 Mbps Ethernet port

Built-in Microphone	Supported
SD Card Slot	Built-in, up to 1 TB
Reset Button	Supported
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	Typical: 1.5 W (12 VDC) / approx. 1.9 W (PoE) Max (IR on): 4.2 W (12 VDC) / approx. 5.3 W (PoE)
Operating Temperature	-25°C to 55°C (-13°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Aluminum alloy body + Plastic
Dimensions	φ111 × 95 mm (φ4.37 × 3.74 inch)
Net Weight	Approx. 380 g (0.84 lb)

Dimensions (mm)



Accessories

Optional:

4N-AJ46M Junction Box	4N-ACC03 Pendant Cap	4N-AC02 Ceiling Bracket	4N-AW01 Corner Mount
			
4N-AW02 Wall Mount	4N-AP01 Pole Mount	4N-ACR02 Corner Mount	
			

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