

4N-N2056B3-AN

5MP IR Varifocal Bullet Network Camera



Product Overview

The 4NSYS 5MP AI Network Camera is a high-definition surveillance camera designed for professional and intelligent monitoring applications. Equipped with a 1/2.8" STARVIS™ CMOS sensor, it delivers superior image quality with 5-megapixel resolution (2592×1944) at 25/30fps, ensuring clear and detailed video under all lighting conditions. Featuring AI-based intelligent analytics, the camera supports face, human, and vehicle detection, along with advanced functions such as intrusion detection, line crossing, loitering, illegal parking, and people counting — providing comprehensive situational awareness for commercial, industrial, and municipal environments.

Key Features

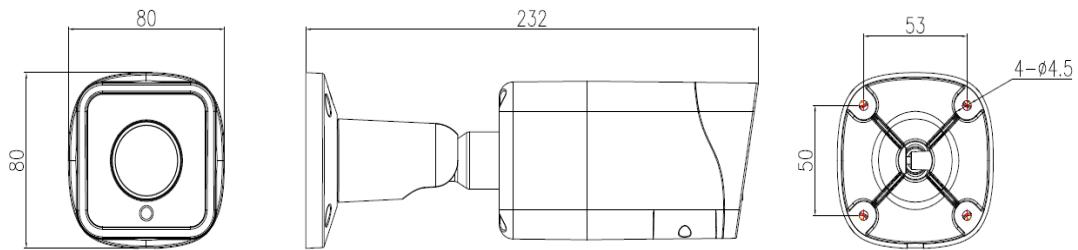
- 1/2.8" STARVIS™ CMOS
- 25/30fps @ 5MP(2592×1944)
- 2.7 to 13.5 mm motorized focal lens
- Support face, human, vehicle detection and capture
- Intelligent analysis: intrusion, single / double line crossing, loitering, wrong-way detection, illegal parking, smart motion detection, Object remove and Object left detection and people counting
- True WDR, 3D DNR, ROI, Defog, HLC
- Smart IR distance up to 40 m
- Support Encode H.264 , H.265 , MJPEG
- 1/1 audio input/output, 1/1 alarm input/output
- Built-in micro SD card slot (up to 1 TB)
- IP67 protection

Specification

Camera				
Image Sensor	1/2.8" Progressive Scan CMOS			
Max. Resolution	5MP, 2592H) × 1944(V)			
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s			
Min. illumination	Color: 0.005 Lux @ (F1.6, AGC ON) , B/W: 0 Lux with IR			
Day & Night	Auto (ICR)			
Wide Dynamic Range	True WDR			
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: 98.3° to 27.5°, V: 71.3° to 20.3°			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
Wide (2.7 mm)	63 m (206.7 ft)	25.2 m (82.7 ft)	12.6 m (41.3 ft)	6.3 m (20.7 ft)
Tele (13.5 mm)	217 m (712.0 ft)	86.8 m (284.8 ft)	43.4 m (142.4 ft)	21.7 m (71.2 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			
Intelligent Analytics				
Multi-Object Detection	Supports face, human, vehicle detection and capture			
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, and Smart motion detection, Object remove and Object left detection Support alarm triggering by specified target types (human and vehicle)			
People Counting	Support			
Video and Audio				
Streaming Capability	3 Streams			
Stream/Frame Rate	Stream1: 2592×1944, 2592×1520, 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			
Smart Encoder	Support			
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)			
Audio Compression	G.711 A-law, G.711 μ-law, RAM PCM			

Audio 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, WDR
Privacy Masking	4 areas
Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Abnormal sound detection
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output
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
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted 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
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
SD Card Slot	Built-in, up to 1 TB
Reset Button	Support
General	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12 VDC (-10% to +25%)/PoE (802.3af)
Power Consumption	Max 6.5 W
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-4:2019, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Material	Aluminum alloy
Dimensions	232 × 80 × 80 mm (9.13 × 3.15 × 3.15 inch)
Net Weight	0.81 kg (1.79 lb)

Dimensions (mm)



Accessories

Optional:

4N-AJ45G Junction Box	4N-AP27D Pole Mount	4N-AP01 Pole Mount	4N-ACR02 Corner Mount

4NSYS Co., Ltd.

3F Hana Bldg, 118-2 Oryu-Dong, Guro-Gu, Seoul, Korea, 152100, Korea (South)
Tel : +82-2-2685-7300 Email : sales@4nsystech.com
www.4nsystech.com

South Korea



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