

4N-N2045B5-AN

4MP ANPR Bullet Network Camera



Key Features

- 1/2.8" progressive scan CMOS
- Max. 4MP(2592 × 1520) @50/60 fps resolution
- 2.7 to 13.5 mm motorized lens
- Intelligent AI-powered LPR Algorithm
- Max recognition speed of 60km/h
- Up to 5,000 blacklist and whitelist
- Support Encode H.264 , H.265 , MJPEG
- Built-in microphone, 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot
- Smart IR distance up to 60 m
- IP66 protection

Specification

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	4MP, 2592(H) × 1520(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000 s
Min. illumination	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°

Lens

Lens Type	Motorized focus
Iris	Fixed Iris
Focal Length	2.7 to 13.5 mm
F Number	F1.6
Angle of View	H: 98.4° to 28.1°, V: 55.1° to 16.6°

Illuminator

Illuminator Type	IR
Illumination Distance	Up to 60 m (196.9 ft)
Illumination On/Off Control	Auto/Manual
IR Wavelength	850 nm

LPR

Vehicle Speed	Up to 60 km/h
Country Region Supported	Default Support: Australia, Chile, Indonesia, Malaysia, Oman, Saudi Arabia, South Africa Optional (Customized): Other countries/regions upon request
White/Black List	Up to 5,000 records
LPR Smart Search	Supported

Intelligent Analytics

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

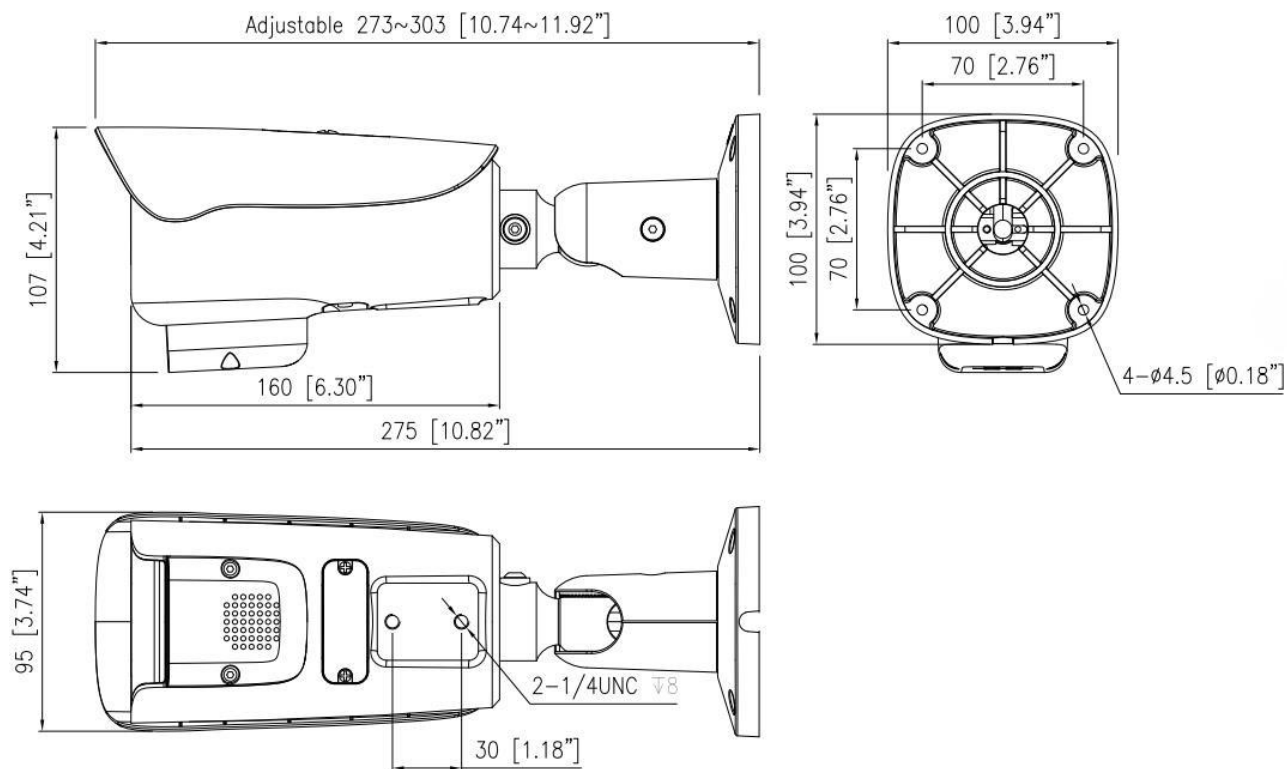
Video and Audio

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @50/60fps Stream2: D1, VGA, 640×360, CIF, QVGA @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	Supported
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)
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, LPR, Mirror, Corridor mode
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, 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, Day/Night switch alarm, Abnormal sound detection
Event Actions	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
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 user 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
Built-in Microphone	Supported
Audio Interface	1ch Input, 1ch Output

Alarm Interface	1ch Input, 1ch Output
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: 3.7 W (12 VDC) Max: 9.8 W (12 VDC, with light on)
Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
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	303 × 100 × 107 mm (11.92 × 3.94 × 4.21 inch)
Net Weight	1.25 kg (2.76 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



© Copyright 1991 4NSYS Co., Ltd.
 4NSYS and the 4NSYS logo are trademarks of 4NSYS Co., Ltd.
 All rights reserved. All other trademarks are the property of their respective owners.