



SN-MNC8046KBA1-S1B

4MP Separated Network Camera



Key Features

- 1/2.8" STARVIS™ CMOS
- 2.8 mm fixed lens
- Max. 4MP(2592×1520) @25/30fps resolution
- Support face, human and vehicle detection and capture
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, Illegal parking, smart motion detection and people counting
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- 2/1 alarm input/output, 1/1 audio input/output
- Built-in SD card slot
- Support 12 VDC/PoE supply power



Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	4MP, 2592(H)×1520(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000s
Min. illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0.005 Lux (F2.0, AGC ON)
Wide Dynamic Range	True WDR
Lens	
Lens Type	Fixed lens, Fixed-focal
Iris	Fixed Iris
Focal Length	2.8 mm
Max. Aperture	F2.0
Field of View (FOV)	H: 105.2°, V: 58.2°
Intelligent Analytics	
Multi-Object Detection	Supports face, human, vehicle detection and capture. Supports multiple frame modes: Full Frame, Four-corner Frame, and Mosaic.
Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way detection, Illegal parking, and Smart motion 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: 2592×1520, 2560×1440, 2304×1296, 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 Zone, Rectangle)
Smart Encode	Support
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
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
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 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
Audio Interface	1ch Input, 1ch Output
Alarm Interface	2ch Input, 1ch Output
CVBS Interface	Optional
SD Card Slot	Built-in, up to 1 TB
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 3 W
Operating Temperature	-30°C to 55°C (-22°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	N/A
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
Casing	Metal + Plastic
Dimensions	Camera: 35.9 × 22 × 22 mm (1.41 × 0.87 × 0.87 inch) Main body: 86.0 × 75.1 × 33.5 mm (3.39 × 2.96 × 1.32 inch)
Net Weight	0.22 Kg (0.49 lb)
Length Of Lens Cable	2 m (6.56 ft) standard length, Customizable 4 m (13.12 ft) Cat 7a Ethernet cable available.

Dimensions (mm)

