

# SN-MNC8056KBA1-S1P

5MP Separated Network Camera



## Key Features

- 1/2.8" STARVIS™ CMOS
- 3.7 mm pinhole lens
- Max. 5MP(2592×1944) @25/30fps resolution
- Supports face, human, and vehicle detection & capture.
- Intelligent analytics: Intrusion, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, area people limit, perimeter detection, illegal parking, running detection, fall detection, fight detection, and people counting.
- True WDR (120dB), 3D DNR, ROI, Defog, HLC
- 2/1 alarm input/output, 1/1 audio input/output
- Built-in microSD card slot (up to 1 TB)
- Support 12 VDC/PoE supply power

## Specifications

| Camera                   |                                                                                                                                                                                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/2.8" Progressive Scan CMOS                                                                                                                                                                                                                                                                 |
| Max Resolution           | 5MP, 2592(H)×1944(V)                                                                                                                                                                                                                                                                         |
| Shutter Speed            | 1/5 to 1/20,000s                                                                                                                                                                                                                                                                             |
| Min Illumination         | Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0.005 Lux (F2.0, AGC ON)                                                                                                                                                                                                                              |
| Day & Night              | Fixed filter                                                                                                                                                                                                                                                                                 |
| Lens                     |                                                                                                                                                                                                                                                                                              |
| Lens Type                | Pinhole lens, Fixed-focal                                                                                                                                                                                                                                                                    |
| Focal Length             | 3.7 mm                                                                                                                                                                                                                                                                                       |
| Max. Aperture            | F2.0                                                                                                                                                                                                                                                                                         |
| Field of View (FOV)      | H: 70.3°, V: 49.3°                                                                                                                                                                                                                                                                           |
| Iris                     | Fixed Iris                                                                                                                                                                                                                                                                                   |
| Intelligent Analytics    |                                                                                                                                                                                                                                                                                              |
| AI Multi-Target          | <ul style="list-style-type: none"> <li>- Supports face, human, and vehicle detection &amp; capture.</li> <li>- Supports multiple frame modes: Full Frame, Four-Corner Frame, Mosaic.</li> </ul>                                                                                              |
| Intelligent Analysis     | Intrusion, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, area people limit, perimeter detection, illegal parking, running detection, fall detection, and fight detection.<br>- Supports accurate target classification (human/vehicle) |
| People Counting          | Supported                                                                                                                                                                                                                                                                                    |
| Video & Audio            |                                                                                                                                                                                                                                                                                              |
| Number of Streams        | 3 Streams                                                                                                                                                                                                                                                                                    |
| Resolution               | Stream1: 2592×1944, 2592×1520, 1920×1080, 1280×720<br>Stream2: D1, VGA, CIF<br>Stream3: VGA, CIF, QVGA                                                                                                                                                                                       |
| Frame Rate               | Up to 25/30fps                                                                                                                                                                                                                                                                               |
| Bit Rate Control         | CBR/VBR                                                                                                                                                                                                                                                                                      |
| Bit Rate                 | Stream1: 200 Kbps to 12 Mbps<br>Stream2: 100 Kbps to 6 Mbps<br>Stream3: 100 Kbps to 3 Mbps                                                                                                                                                                                                   |
| Smart Encoding           | 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, 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                                                                                                                              |
| Wide Dynamic Range                | True WDR(120dB)                                                                                                                                   |
| Privacy Masking                   | 4 areas                                                                                                                                           |
| <b>Event</b>                      |                                                                                                                                                   |
| 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, Snapshot, Audible alarm output                                                               |
| <b>Network</b>                    |                                                                                                                                                   |
| Protocols                         | IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTP/RTCP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast |
| Application Programming Interface | ONVIF (Profile S/T/G/M), SDK, CGI                                                                                                                 |
| Max Concurrent Streams            | 10 channels                                                                                                                                       |
| User/Host Level                   | 32+ users, 3 levels: Administrator, Operator, Media user                                                                                          |
| Web Viewer                        | <IE11, Chrome, Firefox, Microsoft Edge                                                                                                            |
| <b>Security</b>                   |                                                                                                                                                   |
| OS / Firmware Protect             | Encrypted firmware, Secure boot, Signed firmware                                                                                                  |
| User Authentication               | Digest authentication, Prevent brute-force attack                                                                                                 |
| Network Authentication            | IEEE 802.1X (EAP-TLS)                                                                                                                             |
| Secure Communication              | HTTPS, WSS (WebSocket Secure), SRTP                                                                                                               |
| Access Control                    | IP-based access control, Auto logout                                                                                                              |
| Data Protect                      | Encryption credentials                                                                                                                            |
| Audit                             | Access / System / Event Log management                                                                                                            |
| Secure Storage                    | SDcard partition encrypt(AES-256), Secure element                                                                                                 |
| Supply Chain Security             | SBOM                                                                                                                                              |
| <b>Interface</b>                  |                                                                                                                                                   |
| Network Interface                 | 1 × Ethernet (10/100 Base-T), RJ-45 connector                                                                                                     |
| Audio Interface                   | 1ch Input, 1ch Output                                                                                                                             |
| Alarm Interface                   | 2ch Input, 1ch Output                                                                                                                             |
| SD Card Slot                      | Built-in microSD card slot, 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     | 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<br>- EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4<br>FCC 47 CFR Part 15 Subpart B                       |
| Material              | Metal + Plastic                                                                                                                                    |
| Dimensions            | Camera: 26.4 × 22 × 22 mm (1.02 × 0.87 × 0.87 inch)<br>Main body: 86.0 × 75.1 × 33.5 mm (3.39 × 2.96 × 1.32 inch)                                  |
| Net Weight            | Approx. 0.25 Kg (0.55 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)

