



# SN-MNC8120AG-B

2MP Fixed-focal Covert Network Camera



## Key Features

- 1/2.8" progressive scan CMOS
- 2.8 mm fixed lens (2.1 mm optional)
- Max. 2MP(1920×1080) @25fps resolution
- Support face, human and vehicle detection
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way
- True WDR, 3D DNR, ROI, HLC, BLC
- 2/1 alarm input/output, 1/1 audio input/output
- Built-in SD card slot



## Specification

| Camera                 |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor           | 1/2.8" Progressive Scan CMOS                                                                                                                          |
| Max. Resolution        | 1080P, 1920(H)×1080(V)                                                                                                                                |
| Electronic Shutter     | Auto/Manual, 1/5 to 1/20,000s                                                                                                                         |
| Min. illumination      | Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0.001 Lux (F2.0, AGC ON)                                                                                       |
| Wide Dynamic Range     | True WDR                                                                                                                                              |
| Lens                   |                                                                                                                                                       |
| Lens Type              | Fixed-focal                                                                                                                                           |
| Iris                   | Fixed Iris                                                                                                                                            |
| Focal Length           | 2.8 mm, 2.1 mm optional                                                                                                                               |
| Max. Aperture          | F2.0 / F1.8                                                                                                                                           |
| Field of View (FOV)    | 2.8 mm:<br>- H: 113.7°, V: 59.6°<br>2.1 mm:<br>- H: 135.1°, V: 75.6°                                                                                  |
| Intelligent Analytics  |                                                                                                                                                       |
| Multi-Object Detection | Supports face, human and vehicle detection                                                                                                            |
| Intelligent Analytics  | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way<br>Support alarm triggering by specified target types (human and vehicle) |
| Video and Audio        |                                                                                                                                                       |
| Streaming Capability   | 3 Streams                                                                                                                                             |
| Stream/Frame Rate      | Stream1:1920×1080, 1280×720 @25fps<br>Stream2: D1, VGA, 640×360, CIF, QVGA @25fps<br>Stream3: VGA, CIF, QVGA @25fps                                   |
| Bit Rate Control       | CBR/VBR                                                                                                                                               |
| Bit Rate               | Stream1: 100kbps to 6Mbps<br>Stream2: 100Kbps to 6Mbps<br>Stream3: 100Kbps to 3Mbps                                                                   |
| 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                                                                                                                               |
| 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, WDR                                                                                                                                      |
| Privacy Masking        | 4 areas                                                                                                                                            |
| <b>Event</b>           |                                                                                                                                                    |
| 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                                                                          |
| <b>Network</b>         |                                                                                                                                                    |
| Protocols              | IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SNMP, 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                                                                                                             |
| <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                                                                                                                              |
| CVBS Interface         | Customizable                                                                                                                                       |
| SD Card Slot           | Built-in, up to 256 GB                                                                                                                             |
| Reset Button           | Support                                                                                                                                            |
| <b>General</b>         |                                                                                                                                                    |
| Language               | English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English |
| Power Supply           | 12 VDC (-15% to +25%)                                                                                                                              |
| 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                       |
| Casing                 | Metal                                                                                                                                              |
| Dimensions             | 35.2 × 44.1 × 46.5 mm (1.39 × 1.74 × 1.84 inch)                                                                                                    |
| Net Weight             | 0.18 Kg (0.4 lb)                                                                                                                                   |

Dimensions (mm)

