

SN-IPC8056HAN-F

5MP ABF Box Network Camera



Key Features

- 1/2.8" STARVIS™ CMOS
- 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
- Built-in microphone, 1/1 audio input/output, 1/1 alarm input/output
- Built-in microSD card slot (up to 1 TB)
- Support auto back focus (ABF)

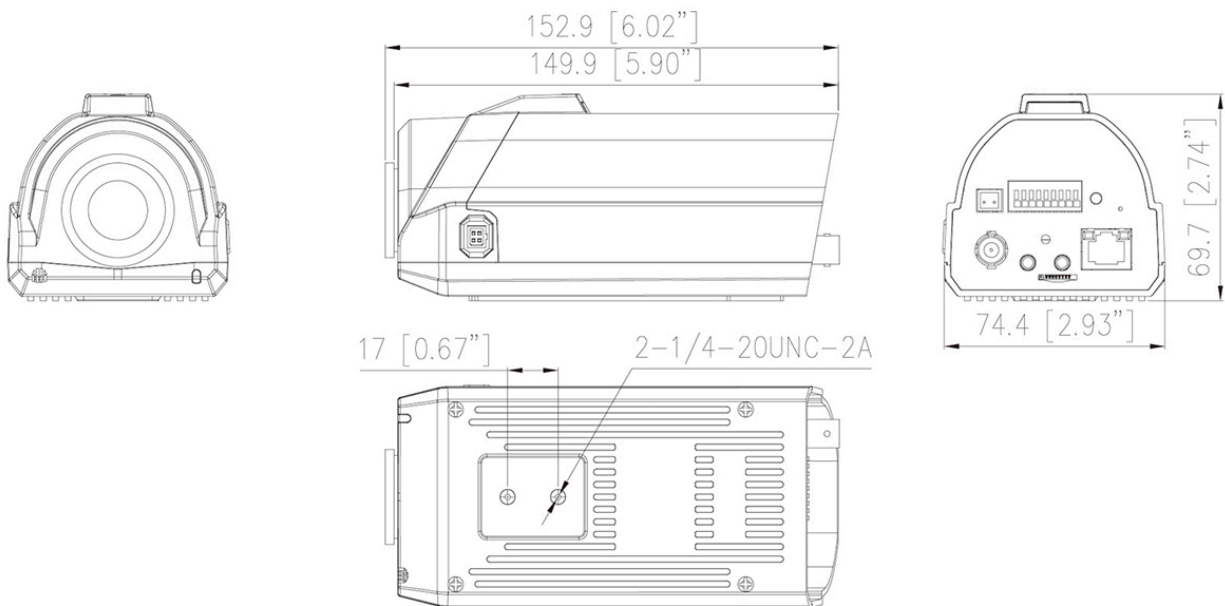
Specifications

| 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: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON) |
| Day & Night | Auto (ICR) |
| Lens | |
| Lens Type | C/CS mount lens |
| Iris | Fixed Iris, Auto Iris |
| Intelligent Analytics | |
| AI Multi-Target | - Supports face, human, and vehicle detection & capture - Supports multiple frame modes: Full Frame, Four-Corner Frame, Mosaic |
| 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. - 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 Stream2: D1, VGA, CIF Stream3: VGA, CIF, QVGA |
| Frame Rate | Up to 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 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, Night, Timer |
| Noise Reduction | 2D/3D DNR |
| Image Enhancement | HLC, BLC, Defog, WDR |
| Wide Dynamic Range | True WDR (120dB) |
| 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, Snapshot, 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 |
| 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 |
| Security | |
| 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 |
| 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 |
| RS-485 | 1 RS-485 |
| 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/24 VAC (-10% to +25%)/PoE (802.3af) |
| Power Consumption | Max 2.5 W |
| Operating Temperature | -30°C to 60°C (-22°F to 140°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 |
| Material | Aluminum alloy |
| Dimensions | 152.9 × 74.4 × 69.7 mm (6.02 × 2.93 × 2.74 inch) |
| Net Weight | Approx. 0.4 kg (0.88 lb) |

Dimensions (mm)



Accessories

Optional:



SN-CH515
Housing



SN-BK385
Wall Mount



SN-MTG2812
Lens



SN-MTG0550
Lens