



SN-IPR8056CBAN-Z

5MP IR Varifocal Bullet Network Camera



Key Features

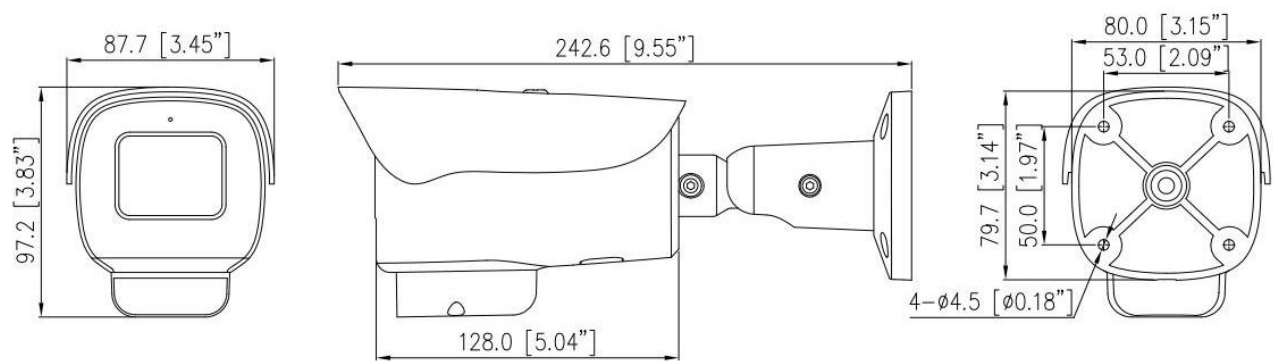
- 1/2.8" STARVIS™ CMOS
- 25/30fps @ 5MP(2592×1944)
- 2.7 to 13.5 mm motorized focal lens
- Support face, human, vehicle detection and capture
- Intelligent analysis: intrusion, single / double line crossing, loitering, wrong-way detection, illegal parking, smart motion detection, and people counting
- True WDR, 3D DNR, ROI, Defog, HLC
- Smart IR distance up to 50 m
- Built-in mic and speaker, 1/1 audio input/output, 1/1 alarm input/output
- Built-in micro SD card slot (up to 1 TB)
- IP66 protection

Specification

| Camera | | | | |
|--|--|-------------------|-------------------|------------------|
| Image Sensor | 1/2.8” Progressive Scan CMOS | | | |
| Max. Resolution | 5MP, 2592H) × 1944(V) | | | |
| Electronic Shutter | Auto/Manual, 1/5 to 1/100,000s | | | |
| Min. illumination | Color: 0.005 Lux @ (F1.6, AGC ON) , B/W: 0 Lux with IR | | | |
| Day & Night | Auto (ICR) | | | |
| Wide Dynamic Range | True WDR | | | |
| Angle Adjustment | Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360° | | | |
| Lens | | | | |
| Lens Type | Varifocal lens, Motorized focal | | | |
| Iris | Fixed Iris | | | |
| Focal Length | 2.7 to 13.5 mm | | | |
| Max. Aperture | F1.6 | | | |
| Field of View (FOV) | H: 98.3° to 27.5°, V: 71.3° to 20.3° | | | |
| DORI Distance | | | | |
| Lens | Detect | Observe | Recognize | Identify |
| Wide (2.7 mm) | 63 m (206.7 ft) | 25.2 m (82.7 ft) | 12.6 m (41.3 ft) | 6.3 m (20.7 ft) |
| Tele (13.5 mm) | 217 m (712.0 ft) | 86.8 m (284.8 ft) | 43.4 m (142.4 ft) | 21.7 m (71.2 ft) |
| DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. | | | | |
| Illuminator | | | | |
| Illuminator Type | IR | | | |
| Illumination Distance | Up to 50 m (164.0 ft) | | | |
| Illumination On/Off Control | Auto/Manual | | | |
| Intelligent Analytics | | | | |
| Multi-Object Detection | Supports face, human, vehicle detection and capture | | | |
| Intelligent Analysis | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, 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: 2592×1944, 2592×1520, 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 | | | |
| Smart Encoder | Support | | | |
| Region of Interest (ROI) | Off/On (8 Zone, Rectangle) | | | |
| Audio Compression | G.711 A-law, G.711 μ-law, RAM PCM | | | |

| | |
|-----------------------|---|
| Audio Bit Rate | 64 Kbps (G.711), 128 Kbps (RAW_PCM) |
| Image | |
| Image Adjustment | Brightness, Sharpness, Contrast, Saturation adjustable |
| Aisle Mode | Support |
| Mirror | Support |
| White Balance | Auto/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 |
| Alarm Events | 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 |
| User/Host Level | Up to 10 users, 3 levels: Administrator, Operator, Media user |
| Security | IP address filter, encrypted 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 | Support |
| Built-in Speaker | Support |
| Audio Interface | 1ch Input, 1ch Output |
| Alarm Interface | 1ch Input, 1ch Output |
| SD Card Slot | Built-in, up to 1 TB |
| Reset Button | Support |
| General | |
| Language | English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English |
| Power Supply | 12 VDC (-10% to +25%)/PoE (802.3af) |
| Power Consumption | Basic: Max 3 W (without light) Max. (Focus + WDR + Speaker + IR on): 9 W |
| Operating Temperature | -40°C to 60°C (-40°F to 140°F) |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP66 |
| Certifications | CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-4:2019, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014) |
| Material | Aluminum alloy |
| Dimensions | 242.6 × 87.7 × 97.2 mm (9.55 × 3.45 × 3.83 inch) |
| Net Weight | 0.85 kg (1.87 lb) |

Dimensions (mm)



Accessories

Optional:



SN-CBK656A
Junction Box



SN-CBK627D
Pole Mount