



SN-IPR8050APAN-Z

5MP IR Motorized Varifocal Bullet Network Camera



Key Features

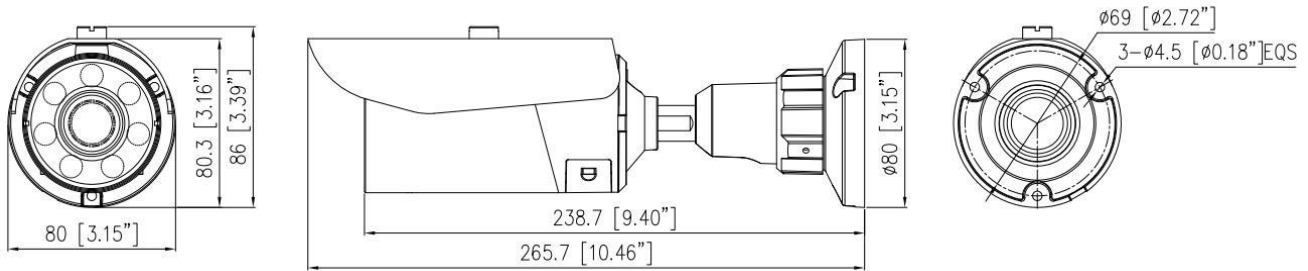
- 1/2.8" progressive scan CMOS
- Max. 5MP(2592×1944) @25/30 fps resolution
- 2.7 to 13.5 mm motorized lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting
- 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot
- Smart IR distance up to 40 m
- IP67

Specification

| Camera | | | | | |
|-----------------------------|---|------------------|-------------------|-------------------|------------------|
| Image Sensor | 1/2.8" Progressive Scan CMOS | | | | |
| Max. Resolution | 5MP (2592 × 1944) | | | | |
| Electronic Shutter | Auto/Manual, 1/5 to 1/20,000 s | | | | |
| Min. illumination | Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON) | | | | |
| Day & Night | IR cut filter | | | | |
| Angle Adjustment | Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360° | | | | |
| Lens | | | | | |
| Lens Type | Motorized focus | | | | |
| Iris | Fixed Iris | | | | |
| Focal Length | 2.7 to 13.5 mm | | | | |
| F Number | F1.6 | | | | |
| Angle of View | H: 93.8° to 26.9°, V: 68.3° to 20.1° | | | | |
| DORI | | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | Wide | 72 m (236.2 ft) | 28.8 m (94.5 ft) | 14.4 m (47.2 ft) | 7.2 m (23.6 ft) |
| | Tele | 216 m (708.6 ft) | 86.4 m (283.5 ft) | 43.2 m (141.7 ft) | 21.6 m (70.9 ft) |
| Illuminator | | | | | |
| Illuminator Type | IR | | | | |
| Illumination Distance | Up to 40 m (131.2 ft) | | | | |
| Illumination On/Off Control | Auto/Manual | | | | |
| Video | | | | | |
| Streaming Capability | 3 Streams | | | | |
| Stream/Frame Rate | Stream1: 2592 × 1944, 2592 × 1520, 1920 × 1080, 1280 × 720 @25/30 fps Stream2: D1, VGA, CIF @25/30 fps Stream3: VGA, CIF, QVGA @25/30 fps | | | | |
| 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 areas, Rectangle) | | | | |
| Smart Encode | Support | | | | |
| Audio | | | | | |
| Compression | G.711, RAW_PCM | | | | |
| Bit Rate | 64Kbps (G.711), 128Kps (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 |
| Smart IR | Support |
| Noise Reduction | 2D/3D DNR |
| Image Enhancement | HLC, BLC, Defog |
| Wide Dynamic Range | True WDR |
| S/N Ratio | 55dB |
| Motion Detection | Support |
| Privacy Masking | 4 areas |
| Smart Function | |
| Multi-Object Detection | Supports face, human, vehicle detection and capture |
| Intelligent Analytics | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle) |
| People Counting | Support |
| Network | |
| Protocols | IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL |
| Interoperability | ONVIF, SDK, CGI |
| Streaming Method | Multicast |
| Max. User Access | 10 Users |
| Web Viewer | <IE11, Chrome, Firefox, Microsoft Edge |
| Language | English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English |
| Interface | |
| Network Interface | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Audio Interface | 1ch Input, 1ch Output |
| Alarm Interface | 1ch Input, 1ch Output |
| Reset Button | Support |
| SD Card Slot | Built-in, up to 256GB |
| Electrical | |
| Power Supply | DC12V (-15% to +25%)/PoE (IEEE 802.3af) |
| Power Consumption | Max 13 W |
| Operating Temperature | -40°C to 55°C (-40°F to 131°F) |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP67 |
| Certifications | CE/FCC |
| Casing | Metal |
| Dimensions | 265.7 × 80 × 86 mm (10.46 × 3.15 × 3.39 inch) |
| Net Weight | 0.83 kg (1.83 lb) |

Dimensions (mm)



Accessories

Optional:



SN-CBK649B
Junction Box



SN-CBK627D
Pole Mount