



# SN-IPV8080EEAR-Z

8MP IR Motorized Varifocal Dome Network Camera



## Key Features

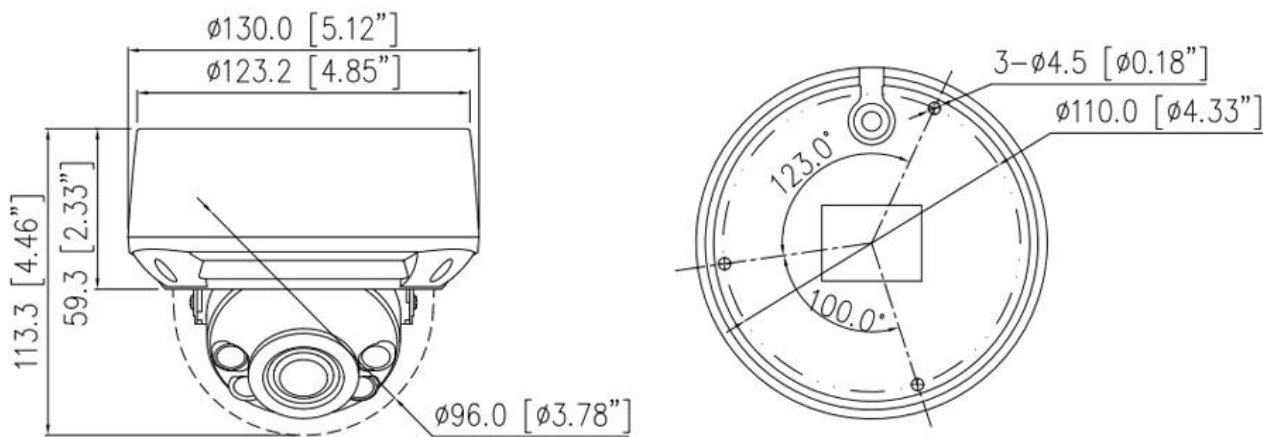
- 1/2.8" progressive scan CMOS
- Max. 8MP(3840 × 2160) @25/30 fps resolution
- 2.7 to 13.5 mm motorized lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting
- 1/1 audio in/out, 1/1 alarm in/out
- Built-in SD card slot
- Smart IR distance up to 40 m
- IP66, IK10

## Specification

| Camera                      |                                                                                                                                                                                        |                  |                   |                  |                 |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|------------------|-----------------|
| Image Sensor                | 1/2.8” Progressive Scan CMOS                                                                                                                                                           |                  |                   |                  |                 |
| Max. Resolution             | 8MP (3840 × 2160)                                                                                                                                                                      |                  |                   |                  |                 |
| Electronic Shutter          | Auto/Manual, 1/5 to 1/20,000 s                                                                                                                                                         |                  |                   |                  |                 |
| Min. illumination           | Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)                                                                                                                             |                  |                   |                  |                 |
| Day & Night                 | IR cut filter                                                                                                                                                                          |                  |                   |                  |                 |
| Angle Adjustment            | Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°                                                                                                                                 |                  |                   |                  |                 |
| Lens                        |                                                                                                                                                                                        |                  |                   |                  |                 |
| Lens Type                   | Motorized focus                                                                                                                                                                        |                  |                   |                  |                 |
| Iris                        | Fixed Iris                                                                                                                                                                             |                  |                   |                  |                 |
| Focal Length                | 2.7 to 13.5 mm                                                                                                                                                                         |                  |                   |                  |                 |
| F Number                    | F1.6                                                                                                                                                                                   |                  |                   |                  |                 |
| Angle of View               | H: 98.1° to 30.9°, V: 52.6° to 17.3°                                                                                                                                                   |                  |                   |                  |                 |
| DORI                        |                                                                                                                                                                                        |                  |                   |                  |                 |
| DORI Distance               | Lens                                                                                                                                                                                   | Detect           | Observe           | Recognize        | Identify        |
|                             | Wide                                                                                                                                                                                   | 88 m (288.7 ft)  | 35.2 m (115.5 ft) | 17.6 m (57.7 ft) | 8.8 m (28.9 ft) |
|                             | Tele                                                                                                                                                                                   | 280 m (918.6 ft) | 112 m (367.5 ft)  | 56 m (183.7 ft)  | 28 m (91.9 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: 3840 × 2160, 2592 × 1944, 2592 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720 @25/30 fps<br>Stream2: D1, VGA, CIF @25/30 fps<br>Stream3: VGA, CIF, QVGA @25/30 fps |                  |                   |                  |                 |
| Bit Rate Control            | CBR/VBR                                                                                                                                                                                |                  |                   |                  |                 |
| Bit Rate                    | Stream1: 200 kbps to 16 Mbps<br>Stream2: 100 kbps to 6 Mbps<br>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                                                                                                                                               |
| <b>Smart Function</b>  |                                                                                                                                                       |
| Multi-Object Detection | Supports face, human, vehicle detection and capture                                                                                                   |
| Intelligent Analytics  | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way<br>Support alarm triggering by specified target types (human and vehicle) |
| People Counting        | Support                                                                                                                                               |
| <b>Network</b>         |                                                                                                                                                       |
| 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                                           |
| <b>Interface</b>       |                                                                                                                                                       |
| 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                                                                                                                                 |
| <b>Electrical</b>      |                                                                                                                                                       |
| Power Supply           | DC12V (-15% to +25%)/PoE (IEEE 802.3af)                                                                                                               |
| Power Consumption      | Max 8.5 W                                                                                                                                             |
| Operating Temperature  | -40°C to 55°C (-40°F to 131°F )                                                                                                                       |
| Operating Humidity     | Less than 90% RH                                                                                                                                      |
| Ingress Protection     | IP66, IK10                                                                                                                                            |
| Certifications         | CE/FCC                                                                                                                                                |
| Casing                 | Metal                                                                                                                                                 |
| Dimensions             | φ130 × 113.3 mm (φ5.12 × 4.46 inch)                                                                                                                   |
| Net Weight             | 0.8 kg (1.76 lb)                                                                                                                                      |

Dimensions (mm)



Accessories

Optional:



SN-CBK657  
Junction Box



SN-CBK201  
Pendant Cap



SN-CBK402  
Pendant Mount



SN-CBK501  
Wall Mount



SN-CBK502  
Wall Mount



SN-CBK101  
Pole Mount



SN-CBK102  
Corner Mount