

# 4MP STARLIGHT IR MOTORIZED BULLET NETWORK CAMERA

SECURING YOUR LIFE

TB-IB4-N4752VFPI-DI

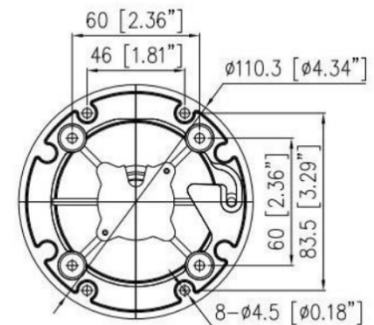
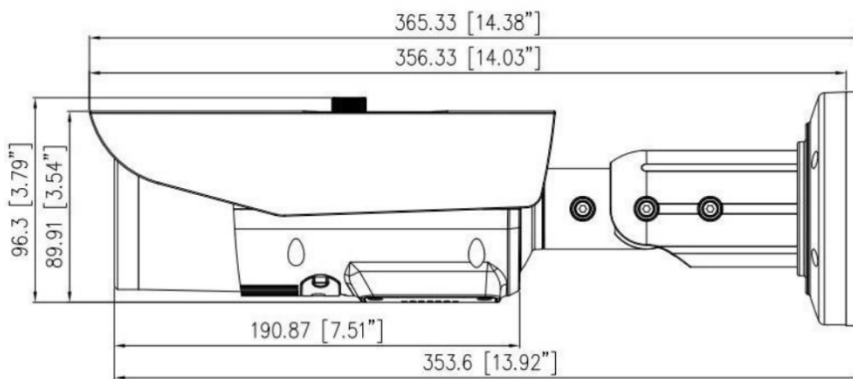
## Product Image Dimensions

- Dimensions:  $\phi 110.3 \times 365.33$  mm ( $\phi 4.34 \times 14.38$ " )
- Weight: 1.5Kg (3.31lb)
- Power Supply: DC12V (-15% to +25%)/PoE (IEEE 802.3af)
- Operating Conditions: -40°C to 60°C (-40°F to 140°F ), Humidity less than 90% RH (non-condensing)



## Features

- 1/1.8" STARVIS CMOS
- Max. 4MP(2592×1520) @50/60fps resolution
- 5 to 50 mm P-Iris motorized lens
- Codec H.265, H.264, MJPEG
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting and smart motion detection
- Built-in microphone and speaker
- Built-in SD card slot
- Smart IR distance up to 80m
- IP67, IK10



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## Specifications

| Camera                      |                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/1.8" STARVIS CMOS                                                                                                                                                           |
| Max. Resolution             | 4MP (2592×1520)                                                                                                                                                               |
| Electronic Shutter          | Auto/Manual, 1/5 to 1/100,000s                                                                                                                                                |
| Min. illumination           | Color: 0.0025 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR                                                                                                                        |
| Day & Night                 | IR cut filter                                                                                                                                                                 |
| Angle Adjustment            | Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°                                                                                                                        |
| Lens                        |                                                                                                                                                                               |
| Lens Type                   | Motorized focal                                                                                                                                                               |
| Iris                        | P-Iris                                                                                                                                                                        |
| Focal Length                | 5 to 50 mm                                                                                                                                                                    |
| Max. Aperture               | F1.6                                                                                                                                                                          |
| Field of View (FOV)         | H: 46.2° to 7.7°, V: 34.1° to 5.8°                                                                                                                                            |
| Illuminator                 |                                                                                                                                                                               |
| Illuminator Type            | IR                                                                                                                                                                            |
| Illumination Distance       | Up to 80 m (262.47 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, Smart motion detection<br>Support alarm triggering by specified target types (human and vehicle) |
| People Counting             | Support                                                                                                                                                                       |
| Video and Audio             |                                                                                                                                                                               |
| Streaming Capability        | Multiple streaming (3 Streams)                                                                                                                                                |
| Stream/Frame Rate           | Stream1: 2592×1520, 2304×1296, 1920×1080, 1280×720 @50/60 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 A-law, G.711 $\mu$ -law, RAW PCM                                                                                                            |
| Audio Bit Rate      | 64 Kbps (G.711), 128 Kbps (RAW_PCM)                                                                                                               |
| <b>Image</b>        |                                                                                                                                                   |
| Image Adjustment    | Brightness, Sharpness, Contrast, Saturation adjustable                                                                                            |
| Scene Mode          | Indoor, Outdoor, Mirror, Corridor, Aisle mode                                                                                                     |
| Exposure Mode       | Auto, Manual, Shutter priority                                                                                                                    |
| White Balance       | Auto, Tungsten, Fluorescent, Daylight, Shadow, 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                                                                                                                                              |
| Privacy Masking     | 4 areas                                                                                                                                           |
| <b>Event</b>        |                                                                                                                                                   |
| Alarm Triggers      | IVS, Motion detection, Alarm input, Disk alarm, Network alarm, Day/Night switch alarm, Abnormal sound detection                                   |
| Event Actions       | Alarm record, FTP upload, SMTP upload, Alarm output, Audible alarm output                                                                         |
| <b>Network</b>      |                                                                                                                                                   |
| Protocols           | IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTP/RTCP, 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                                                                                                           |
| Language            | English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Vietnamese. Default: English                           |
| <b>Interface</b>    |                                                                                                                                                   |
| 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, 2ch Output                                                                                                                             |
| Reset Button        | Support                                                                                                                                           |



|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| SD Card Slot          | Built-in, up to 1 TB                                                           |
| Wigand Interface      | Support                                                                        |
| RS-485 Interface      | Support                                                                        |
| <b>General</b>        |                                                                                |
| Power Supply          | DC12V (-15% to +25%)/PoE (IEEE 802.3af)                                        |
| Power Consumption     | Basic: Max 2.5 W (IR OFF), Max 6 W (IR ON)<br>Max. (Focus + WDR + IR on): 12 W |
| Operating Temperature | -40°C to 60°C (-40°F to 140°F )                                                |
| Operating Humidity    | Less than 90% RH                                                               |
| Ingress Protection    | IP67, IK10                                                                     |
| Certifications        | CE/FCC                                                                         |
| Casing                | Aluminum alloy body                                                            |
| Dimensions            | φ110.3 × 365.33 mm (φ4.34 × 14.38 inch)                                        |
| Net Weight            | 1.5Kg (3.31lb)                                                                 |

## Accessories



Junction Box



Pole Mount



Pole Mount



Corner Mount

Specifications subject to change without notice.