

12MP IR MOTORIZED BULLET NETWORK CAMERA

SECURING YOUR LIFE

TB-IB4-N12712VFPI-DI

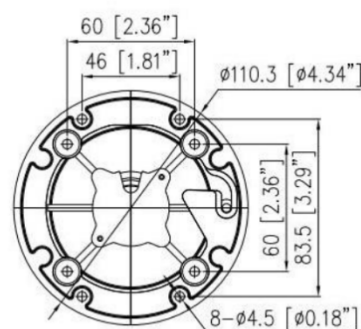
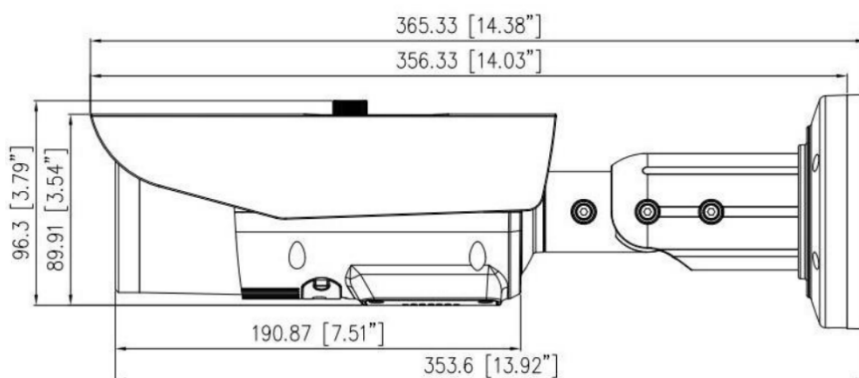
Product Image Dimensions

- Dimensions: $\phi 110.3 \times 365.33$ mm ($\phi 4.34 \times 14.38$ ")
- Weight: 1.45 kg (3.2 lb)
- 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

- 1/1.7" STARVIS CMOS
- Max. 12MP(4000×3000) @25/30fps resolution
- 4.1 to 12.8 mm motorized varifocal 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 60m
- IP67, IK10



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Specifications

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/1.7" STARVIS CMOS |
| Max. Resolution | 12MP (4000×3000) |
| Electronic Shutter | Auto/Manual, 1/5 to 1/20,000s |
| Min. illumination | Color: 0.001 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR |
| Day & Night | Auto (ICR) |
| Angle Adjustment | Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360° |
| Lens | |
| Lens Type | Motorized focal |
| Iris | Auto Iris |
| Focal Length | 4.1 to 12.8 mm |
| Max. Aperture | F1.53 |
| Field of View (FOV) | H: 93.8° to 34°, V: 70.1° to 25.8° |
| Illuminator | |
| Illuminator Type | IR |
| Illumination Distance | IR distance up to 60 m (196.9 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 detection, Illegal parking, and Smart motion detection 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: 4000×3000, 2592×1944, 1280×960 @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 16 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 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, 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 |
| Event | |
| Alarm Triggers | IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Abnormal sound detection |
| Event Actions | Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output |
| Network | |
| 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 |
| 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 |
| Reset Button | Support |
| SD Card Slot | Built-in, up to 1 TB |

| General | |
|-----------------------|--|
| Power Supply | DC12V (-15% to +25%)/PoE (IEEE 802.3af) |
| Power Consumption | Basic: Max 4.4 W (IR OFF), Max 8 W (IR ON) Max. (Focus + WDR + Speaker + IR on): 13.2 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 × 356.33 mm (φ4.34 × 14.03 inch) |
| Net Weight | 1.45 kg (3.2 lb) |

Accessories



Junction Box



Pole Mount



Pole Mount



Corner Mount

Specifications subject to change without notice.