

DATA SHEET

IR Video 8MP Outdoor Vari-focal Bullet Camera with Active Deterrence

The IR Video range of products provides the video surveillance technology for Inner Range's Unified Video, Access and Security solutions. The complete range of products include Video Gateways for providing the link to Inner Range's IR Connect cloud services and through to the full connected eco-system of Inner Range solutions, Edge Cameras incorporating onboard storage and video analytics, and Active Deterrence Cameras providing Video Analytic driven alarm conditions into the IR Eco-system.

The IR CONNECT Mobile Application provides users with the ability to remotely connect, arm & disarm the unified solution, receive events and alarm notifications and associated video to verify the situation on site. This comprehensive security solution incorporating Video, Access Control and Intruder Alarm protects your premises, your assets and most importantly... your people.

Key Features

- 1/1.8" progressive scan CMOS
- Active Deterrence 2.7 - 13.5mm
- 25/30fps @ 8MP(3840×2160)
- 3.6 to 11 mm motorized lens
- Support face, human, vehicle detection and capture
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting and video metadata
- True WDR, 3D DNR, ROI, Defog, HLC
- Built-in microphone and speaker
- Built-in IR and warm light, IR distance up to 60m, warm light distance up to 40m
- IP66

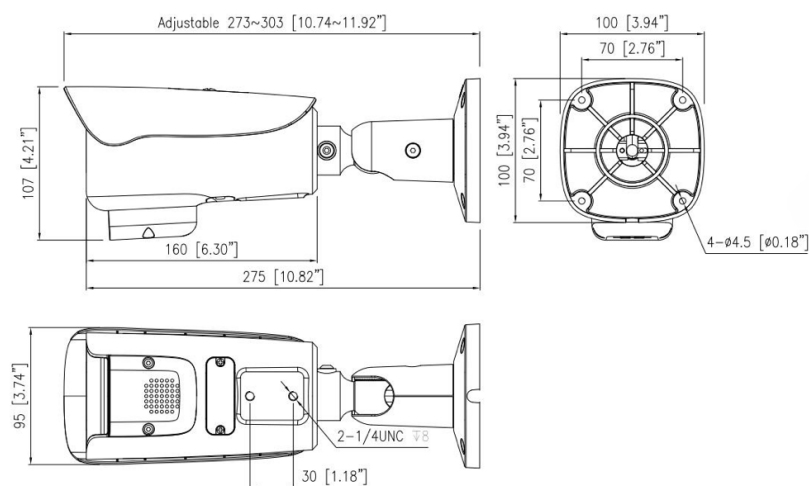


IR-V-C8B-200Z



IR-V-C8B-200ZB

Dimensions (mm)



Accessories



JUNCTION BOX
IR-V-BKB-JB02



POLE MOUNT
IR-V-BKB-POL-01

Specification

| Camera | | | | |
|-----------------------------|---|-------------------|------------------|-----------------|
| Image Sensor | 1/1.8" Progressive Scan CMOS | | | |
| Max Resolution | 3840(H) × 2160(V) | | | |
| Electronic Shutter | Auto/Manual, 1/5 to 1/20,000s | | | |
| Min. Illumination | Color: 0.003 Lux @ (F1.3, AGC ON) , 0 Lux with light on | | | |
| Day & Night | Auto (ICR) | | | |
| Angle Adjustment | Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360° | | | |
| Lens | | | | |
| Lens Type | Motorized focus | | | |
| Iris | DC-Iris | | | |
| Focal Length | 3.6 to 11 mm | | | |
| F Number | F1.3 | | | |
| Angle of View | H: 110.6° to 47.3°, V: H: 57.9° to 26.8° | | | |
| DORI Distance | | | | |
| Lens | Detect | Observe | Recognise | Identify |
| Wide (3.6 mm) | 92 m (301.8 ft) | 36.8 m (120.7 ft) | 18.4 m (60.4 ft) | 9.2 m (30.2 ft) |
| Tele (11 mm) | DC-Iris | 250 m (820.2 ft) | 100 m (328.1 ft) | 25 m (82.0 ft) |
| Illuminator | | | | |
| Illuminator Type | IR, warm light | | | |
| Illumination Distance | IR distance up to 60 m (196.8 ft) Warm light 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 @25/30fps 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 | | | |
| Smart Encoder | Support | | | |
| Region of Interest (ROI) | Off/On (8 Zone, Rectangle) | | | |
| Audio | | | | |
| Compression | G.711, RAW_PCM | | | |
| Bit Rate | 64Kbps (G.711), 128Kbps (RAW_PCM) | | | |
| Smart Function | | | | |
| Multi-Objection Detection | Supports face, human, vehicle detection and capture | | | |
| Intelligent Analysis | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle). | | | |
| People Counting | Support | | | |

| 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 | WDR |
| S/N Ratio | 55dB |
| Motion Detection | Support |
| Privacy Masking | 4 areas |
| Network | |
| Protocols | IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTP/RTCP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL |
| Interoperability | ONVIF, SDK |
| Streaming Method | Multicast |
| Max. User Access | 10 Users |
| Web Viewer | <IE11, Chrome, Firefox |
| 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 |
| Built-in Microphone | Support |
| Built-in Speaker | Support |
| Audio Interface | 1ch Input, 1ch Output |
| Alarm Interface | 1ch Input, 2ch Output |
| SD Card Slot | Built-in, up to 512GB |
| Reset Button | Support |
| Electrical | |
| Power Supply | 12VDC/PoE (IEEE 802.3af) |
| Power Consumption | Basic: Max 4.6W (IR OFF), Max 10W (IR ON) Max. (Focus + WDR + Speaker + IR on): 13.5 W |
| Operating Temperature | -35°C to 60°C (-31°F to 140°F) |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP66 |
| Certifications | CE/FCC |
| Casing | Metal |
| Dimensions | 303 × 100 × 107 mm (11.9 × 3.94 × 4.21 inch) |
| Net Weight | 1.25 kg (2.76 lb.) |