

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.

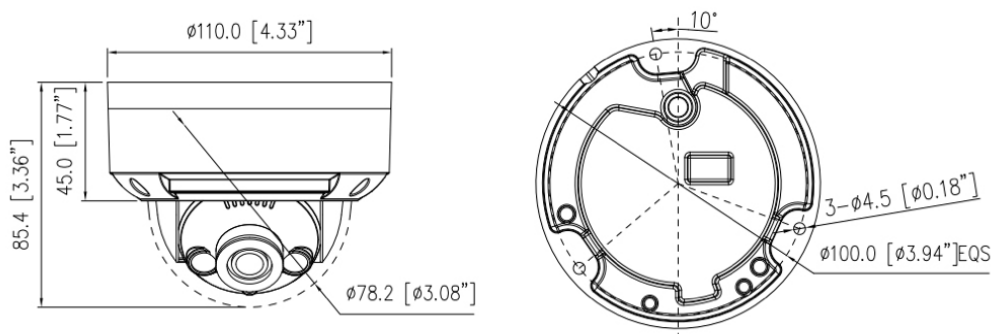
Key Features

- 1/1.8" progressive scan CMOS
- 8MP(3840x2160) @25/30fps resolution
- 2.8mm fixed lens
- Supports 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
- 1/1 audio input/output, 1/1 alarm input/output
- Built-in SD card slot
- Smart IR distance up to 30m
- IP67, IK10



IR-V-C8D-100

Dimensions (mm)



Accessories



Specification

| Camera | |
|-----------------------------|---|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Max Resolution | 8MP, 3840(H) × 2160(V) |
| Electronic Shutter | Auto/Manual, 1/5 to 1/20,000s |
| Min. Illumination | Color: 0.005 Lux @ (F1.6, AGC ON) , B/W: 0 Lux with IR |
| Day & Night | Auto (ICR) |
| Angle Adjustment | Pan: 0° to 335°, Tilt: 0° to 75°, Rotation: 0° to 350° |
| Lens Type | |
| Lens Type | Fixed focus |
| Iris | Fixed iris |
| Focal Length | 2.8mm |
| F Number | F1.6 |
| Angle of View | H: 106°, V: 58.6° |
| Illuminator | |
| Illuminator Type | IR |
| Illumination Distance | Up to 30 m (98.4 ft) |
| Illumination On/Off Control | Auto/Manual |
| Video | |
| Streaming Capability | 3 Streams |
| Stream/Frame Rate | Stream1: 3840×2160, 2592×1944, 2560×1520, 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 |
| Video Compression | H.264, H.265, MJPEG |
| 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-Object 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 | True WDR |
| S/N Ratio | 55dB |
| Privacy Masking | Support |
| Network | |
| Protocols | IPv4/IPv6, HTTP, HTTPS, TCP/UDP, RTSP/RTCP/RTP, DHCP, DNS, DDNS, PPPoE, SMTP, 802.1x, UPnP, FTP, NTP, ARP, SNMP, TLS/SSL |
| Interoperability | ONVIF, SDK |
| Streaming Method | Multicast |
| Max. User Access | 10 Users |
| Web Viewer | Edge, 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 |
| Audio Interface | 1ch Input, 1ch Output |
| Alarm Interface | 1ch Input, 1ch Output |
| SD Card Slot | Built-in, up to 512GB |
| Reset Button | Support |
| Electrical | |
| Power Supply | DC12V (-15% to +25%)/PoE (IEEE 802.3af) |
| Power Consumption | Max. 5.5 W |
| Operating Temperature | -35°C to 60°C (-31°F to 140°F) |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP67, IK10 |
| Certifications | CE/FCC |
| Casing | Metal |
| Dimensions | 110 × 85.4mm (4.33" × 3.36") |
| Net Weight | 0.47kg (1.04lb) |