

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

- 1/2.7" progressive scan CMOS
- 8MP(3840x2160) @25fps resolution
- 2.8mm fixed lens
- Supports face, human, vehicle detection and capture
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering and wrong-way
- True WDR, 3D DNR, ROI, Defog, HLC, BLC
- Built-in microphone and SD card slot
- Built-in IR/warm lights, illumination distance up to 30m
- IP66

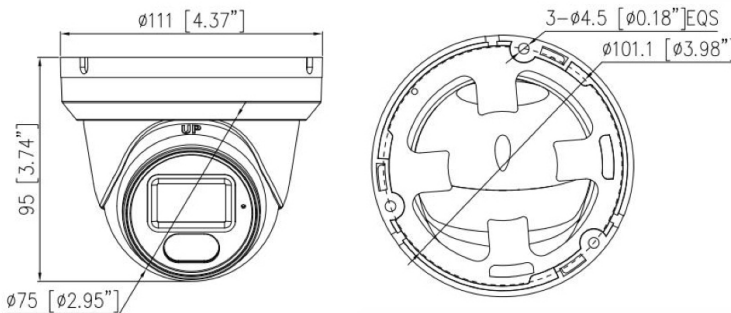


**IR-V-C8T-200**



**IR-V-C8T-200B**

### Dimensions (mm)



### Accessories



**JUNCTION BOX**  
**IR-V-BKT-JB-01**



**PENDANT CAP**  
**IR-V-BKT-ADT-03**



**PENDANT MOUNT**  
**IR-V-BKX-PEN-01**



**WALL MOUNT**  
**IR-V-BKX-WAL-01**



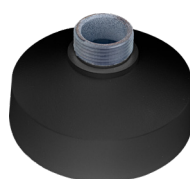
**WALL MOUNT**  
**IR-V-BKX-WAL-02**



**POLE MOUNT**  
**IR-V-BKB-POL-01**



**JUNCTION BOX**  
**IR-V-BKT-JB-01B**



**PENDANT CAP**  
**IR-V-BKT-ADT-03B**



**PENDANT MOUNT**  
**IR-V-BKX-PEN-01B**



**WALL MOUNT**  
**IR-V-BKX-WAL-01B**



**WALL MOUNT**  
**IR-V-BKX-WAL-02B**



**POLE MOUNT**  
**IR-V-BKB-POL-01B**

### Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max Resolution	8MP (3840x2160)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. Illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light on
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 85°, Rotation: 0° to 360°
Lens	
Lens Type	Fixed Focus
Iris	Fixed Iris
Focal Length	2.8mm
F Number	F1.6
Angle of View	H: 109.5°, V: 59.8°
Illuminator	
Illuminator Type	IR, Warm Light LED
Illumination Distance	IR distance up to 30 m (98.4 ft), Warm light distance up to 15 m (98.4 ft)
Illumination On/Off Control	Auto/Manual
Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 3840x2160, 2880x1620, 2592x1520, 2560x1440, 2304x1296, 1920x1080, 1280x720 @25fps Stream2: D1, VGA, CIF @ 25fps Stream3: VGA, CIF, QVGA @ 25fps (Enable WDR is 20fps)
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-Objection Detection	Supports face, human, vehicle detection
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection Support alarm triggering by specified target types (human and vehicle)
Basic Events	Disk alarm, Network alarm, Motion detection alarm, Abnormal sound detection

Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Aisle Mode	Support
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog
Wide Dynamic Range	True WDR
S/N Ratio	55dB
Privacy Masking	4 areas
Network	
Protocols	IPv4/IPv6, RTSP/RTCP/RTP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPoE, UPnP, ICMP, IGMP, FTP, NTP, SMTP, 802.1x, SNMP
Interoperability	ONVIF (profile S/T/G/M), SDK, CGI
Streaming Method	Multicast
Max. User Access	10 Users
Web Viewer	Edge, Chrome, Firefox, Microsoft Edge
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
SD Card Slot	Built-in, up to 1TB
Reset Button	Support
Electrical	
Power Supply	DC12V (-15% to +25%)/PoE (IEEE 802.3af)
Power Consumption	2W (IR OFF), Max 3W (IR ON)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal + Plastic
Dimensions	111 × 95mm (4.37 × 3.74 inch)
Net Weight	0.38 kg (0.84 lb.)