

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.

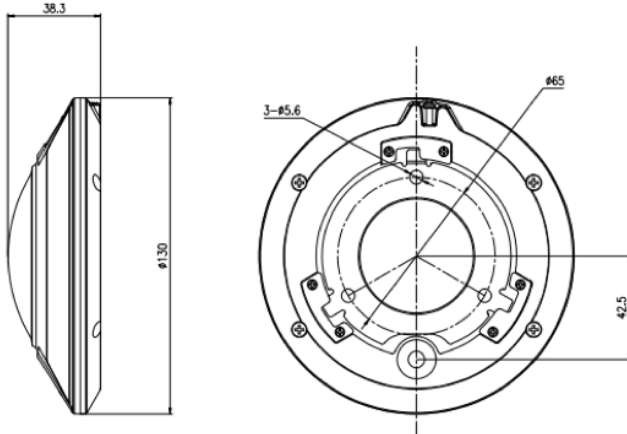
Key Features

- 1/1.7" 12MP STARVIS™ CMOS
- 25fps @ 12MP(4000x3000)
- Multi-Stream De-warp modes with image correction
- Supports human and vehicle detection
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, people counting, smart motion detection and heat map
- DWDR, 3D DNR, ROI, Defog, HLC
- Built-in microphone
- Smart IR distance up to 15 m
- IP66



IR-V-C8S-100

Dimensions (mm)



Accessories



JUNCTION BOX
IR-V-BKS-JB-01

PENDANT CAP
IR-V-BKS-ADT-01

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-BKP-POL-01

Specification

Camera				
Image Sensor	1/2.8" Progressive Scan CMOS			
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s			
Min. Illumination	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.02 Lux @ (F1.6, AGC ON), 0 Lux with light			
Day & Night	Auto (ICR)			
IR Distance	Up to 15m (49.2 ft)			
IR On/Off Control	Auto/Manual			
Lens				
Lens Type	Fixed Lens			
Iris	Fixed Iris			
Focal Length	1.8 mm			
F Number	F2.4			
Angle of View	180° x 180°			
DORI Distance				
Lens	Detect	Observe	Recognise	Identify
1.8 mm	34.5 m (113.2 ft)	13.8 m (45.3 ft)	6.9m (22.6ft)	3.45m (11.3ft)
Video				
Streaming Capability	2 Streams			
Main Stream	One-Channel: 25fps Fisheye View: 4000x3000, 3000x3000, 2560x2560, 1280x960 180 Panorama View: 3000x752, 2560x640, 1920x480, 1280x960 360 Panorama View: 4000x2000, 2560x1280, 1920x960, 1280x960 4PTZ View: 4000x3000, 2048x1536, 1920x1440, 1280x960 Fisheye + 3PTZ View: 4000x3000, 2048x1536, 1920x1440, 1280x960 Multi-Channel: 1520x1520, 960x960, 720x720, 640x640 @25fps			
Sub Stream	One-Channel: 25fps Fisheye View: D1, 640x640, 480x480 180 Panorama View: 832x208, D1 360 Panorama View: 640x320, D1 4PTZ View: 640x480, D1, 320x240 Fisheye + 3PTZ View: 640x480, D1, 320x240 Multi-Channel: D1, 640x640 @25fps			
Bit Rate Control	CBR/VBR			
Bit Rate	One-Channel: Stream1: 500Kbps to 16Mbps Stream2: 100Kbps to 6Mbps Multi-Channel: Stream1: 500Kbps to 12Mbps Stream2: 100Kbps to 6Mbps			
Video Compression	H.264, H.265, MJPEG			
Smart Encoder	Support			
Region of Interest (ROI)	Support (Single-channel and fisheye mode)			
Fisheye Display				
Mount Display	Ceiling Mount, Wall Mount, Table Mount			
Decoding Mode	On-board Dewarping/Client-side Dewarping			
Display Mode	12 display modes in total Client-side Dewarping: fisheye view, fisheye view + 3PTZ, fisheye view + 8PTZ, 4PTZ, cylinder, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, half sphere On-board Dewarping: Fisheye view, 360 panorama view, 4PTZ, 180 panorama view, fisheye + 3PTZ			

Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
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	DWDR
S/N Ratio	55dB
Motion Detection	Support
Privacy Masking	Support (Single-channel and fisheye mode)
Audio	
Compression	G.711A, G711U, RAW_PCM
Bit Rate	64Kbps (G.711), 128Kbps (RAW_PCM)
Network	
Protocols	IPv4/IPv6, TCP/IP, HTTP, HTTPS, UPnP, UDP/IP, RTSP/RTCP/RTP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, QoS, SNMP, 802.1x, UDP, ICMP, ARP, TLS
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
Reset Button	Support
SD Card Slot	Built-in, up to 1TB
Electrical	
Power Supply	DC12V (-15% to +20%)/PoE (IEEE 802.3af)
Power Communication	Max 9 W
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
Dimensions	130 x 38.3 mm (5.12" x 1.51")
Net Weight	0.5 kg (1.10 lb.)