DATA SHEET

IR Video 8MP Smart Guard 180 Degree Panoramic Bullet Camera

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.

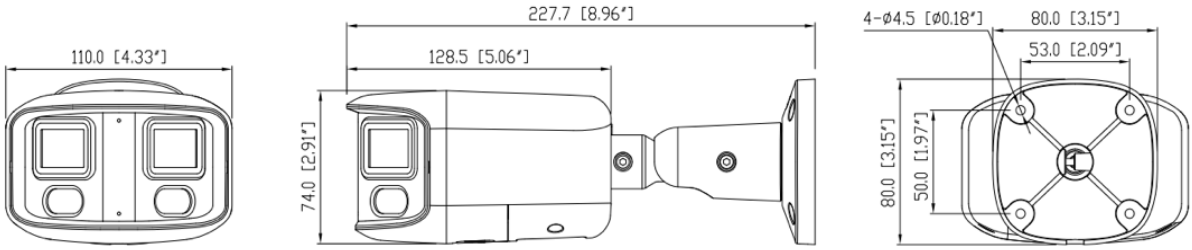
Key Features

- 2 × 1/2.8" STARVIS CMOS
- 180 wide angle continuous image
- 8MP (4608×1728) @15 fps
- 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
- Built-in warm and IR light, up to 30m
- Built-in Mic and speaker
- IP66



IR-V-C8B-130

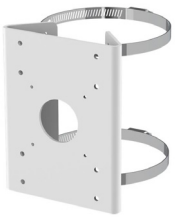
Dimensions (mm)



Accessories



JUNCTION BOX
IR-V-BKB-JB-01



POLE MOUNT
IR-V-BKB-POL-01

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Specification

Camera				
Image Sensor	Dual 1/2.8" Progressive Scan CMOS			
Max Resolution	4608(H) × 1728(V)			
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000s			
Min. Illumination	Color: 0.01 Lux @ (F1.6,AGC ON) B/W: 0.001 Lux @ (F1.6,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	Fixed-focal lens, Dual lens: 2.8mm			
Iris	Fixed Iris			
Focal Length	2.8mm			
F Number	F1.6			
Angle of View	H: 180°, V: 63°			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	44 m (144.3 ft)	17.6 m (57.7 ft)	8.8 m (28.9 ft)	4.4 m (14.4 ft)
Illuminator				
Illuminator Type	2 (IR LED), 2 (Warm Light)			
Illumination Distance	IR distance up to 30m (98.4ft) Warm light distance up to 20m (65.6ft)			
Smart Illumination	Support			
Video				
Streaming Capability	2 Streams			
Main Stream	Splicing mode: 4608×1728 @15fps Multi-channel mode: 2592×1944, 2592×1520, 1920×1080, 1280×720 @15fps			
Bit Rate Control	CBR/VBR			
Bit Rate	Splicing mode: Stream1: 500Kbps to 16Mbps Stream2: 200Kbps to 8Mbps Multi-channel mode: Stream1: 500Kbps to 12Mbps Stream2: 100Kbps to 6Mbps			
Video Compression	H.264, H.265, MJPEG			
Smart Encoder	Support			
Region of Interest (ROI)	Support			
Audio				
Compression	G.711, RAW_PCM			
Bit Rate	64Kbps (G.711), 128Kbps (RAW_PCM)			
Smart Function				
Multi-Object Detection	Supports human and vehicle detection and capture			
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Smart motion detection. Support alarm triggering by specified target types (human and vehicle).			
Heat Map	Support			
People Counting	Support			
Basic Events	Disk alarm, Network alarm, I/O alarm, Motion detection alarm, Abnormal sound detection			

Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhanecment	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, IGMP, IGMP, FTP, NTP, STMP, 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
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	Max sound transmission distance of 60m (196.85ft) (45 to 48 dB)
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
SD Card Slot	Built-in, up to 1TB
Reset Button	Support
Electrical	
Power Supply	DC12V (-15% to +20%)/PoE (IEEE 802.3af)
Power Consumption	Max. 11.5W
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	227.7 × 110 × 80 mm (8.96 × 4.33 × 3.15 inch)
Net Weight	0.82kg (1.81lb)

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