

Cooled Long Range Thermal Camera

Long range law enforcement thermal imaging performance, IR136 is a high resolution thermal camera with 240/60mm dual-FOV lens. It features high sensitivity 3rd generation HgCdTe cooled FPA detector, and is ideal for night vision, intelligence, surveillance, reconnaissance. IR136 is durable and total waterproof with hermetically sealed housing and all-sided protected. It enables long-range surveillance in stationary installations or moving vehicles.

Features and Benefits

- 320×256 pixels high-resolution, 30 μm cooled FPA technology
- Dual-FOV optics for fast searching and accurate targeting
- RS422 remotely control
- Compact and rugged structure design
- Easy to be integrated into system



Applications

- Search and rescue
- Perimeter security monitoring
- Law enforcement
- Coastal and border surveillance
- Industrial monitoring
- Forest fire prevention



Specifications

Detector	
Detector Material	Cooled FPA microbolometer HgCdTe
Spectral Range	3~5 μ m
Pixels	320×256
Pitch	30 μ m×30 μ m
NETD	≤30mk@25℃
Optics	
Lens	240mm/60mm F2 Motorized lens
NFOV	2.3° ×7.1°
WFOV	9.1° ×6.9°
Image Presentation	
Video Output	PAL
Frame Frequency	50Hz
Adjust	Auto/Manual brightness & contrast adjustment
Polarity	B&W,B&Winverse
Interfaces	
Command and Control	RS232 and RS422 alternative
Video Output	RCA/BNC alternative
Power System	
Power Supply	110/ 220VAC adapter
Power Dissipation	≤20W
Environmental Parameters	
Operating Temperature	-20℃~+50℃(-40℃~+60℃optional)
Storage Temperature	-40℃~+60℃
Physical Characteristics	
Color	Black
Size	439.5mm×144.6mm×172mm
Weight	11kg
Detection Range	2.3m vehicle>8km
Recognition Range	2.3m vehicle>4.5km