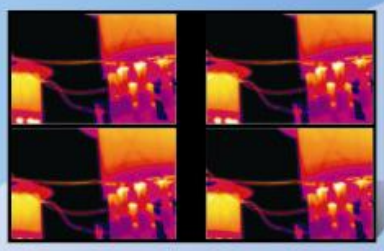
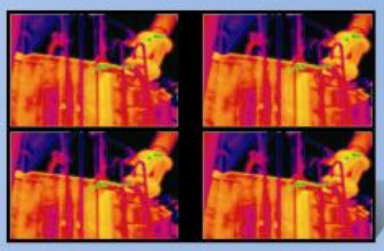
IRay

IRT301B

Quadruplex Surveillance Thermal Imaging System

IRT301B system is a best quadruplex surveillance thermal imager system with high quality detection and wide range coverage. It is the best complement to any CCD camera video system which needs to secure an wide area 24 hours. IRT301B enables users to detect people, objects & incidents in total darkness (haze, dust, smoke, bush and other harsh conditions) from different angle and alarm when find anomalies. It has been widely applied in the bank, airport, prison and power plant etc.





Features & Benefits

- Four thermal imagers keep sync, permit you acquire the target information from different angle
- Control and transmit data via Ethernet, enable the operation more simple and convenient
- Durable and Compact design, easy to installation
- Lens alternatives for different applications
- With high stability, waterproof and dustproof

IRay provides the state-of-the-art infrared thermal imager

SGS CE

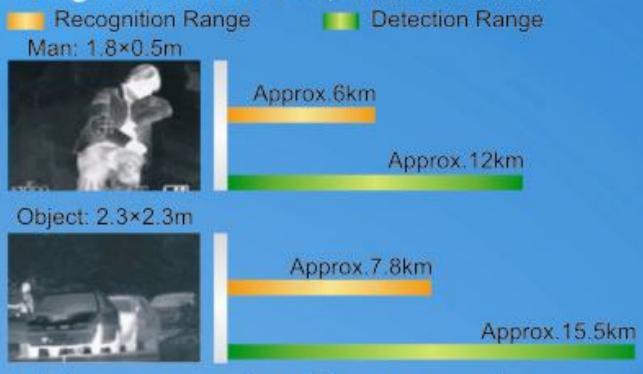
Technical Specifications

Detector	
Detector materials	Cooled MCT (HgCdTe) FPA
Pixels	320×256
Pitch	30μm×30μm
Spectral range	3.7μm~4.8μm
NETD	≤15mK at 25°C
Cooling	Stirling, ≤8Min
Optics	
Lens	600mm/137mm/22mm(F#4)
FOV	WFOV: 24.6°×19.8° MFOV: 4°×3.2° NFOV: 0.92°×0.73°
Focusing	motorized
Image Presentation	
Frame rate	50Hz
Video output	PAL
Image processing	DDE, AGC
Cross cursor	User-defined
Electronics zoom	×2/×4
Image adjustment	Auto/Manual , brightness/contrast
Polarity	B&H/W&H
Command interface	RS232/RS485/RS422
Power System	
Power Supply	DC28V, 110V/220V adaptor
Power dissipation	≤25W
Environmental	
Ambient temperature	-40°C~+65°C
Storage temperature	-40°C~+70°C
Physical Characteristics	
Dimension	385mm×250mm×185mm
Weight	8.1kg

Standard Accessories

Power Adapter	1
Power Cable	1
Video Cable	1
Software	1
User manual	1
Safety case	1

Range Performance (600/137/22mm lens)



Actual range may vary depending on camera set-up, environment conditions etc.

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