Stationary Thermal Surveillance Camera

IR 2107 can be applied to secure border with long range searching, dectection, and ideal to be installed in coastal or land borders. Seeing through smoke, fog and total darkness, it makes any shadiness or illegality nowhere to hide. The stationary thermal security series are ideal tools for property management companies, police offices and other law enforcement agencies.

Features and Benefits

- 384×288 pixels high-resolution, 25μm uncooled FPA technology

- Powerful function and high reliability

- Integrated image processing software

- Easy operation

- Rugged and sealed

- Easy to be integrated into system

Applications

- Search and rescue
- Security monitoring
- Law enforcement
- Coastal surveillance
- Night-time navigation
- Industrial monitoring

Specifications

Detector

Detector Material	UFPA microbolometer
Spectral Range	8～14μm
Pixels	384×288
Pitch	25μm×25μm
NETD	≤100mk@25℃

Optics

Lens	107mm/ F0.69 Motorized lens (150mm/F0.95 Motorized lens optional)
FOV	5.13°×3.85° (3.67°×2.75° optional)

Image Presentation

Video Output	PAL
Frame Frequency	50Hz
Adjust	Auto/Manual brightness & contrast adjustment
Electronic Zoom	×2, ×4
Polarity	B&W,B&W inverse

Interfaces

Command and Control	RS485/RS232/RS422 optional
Video Output	RCA/BNC alternative

Power System

Power Supply	9V DC, by110/ 220VAC adapter
Power Dissipation	<8W

Environmental Parameters

Operating Temperature	-20℃~+50℃(-40℃~+60℃optional)
Storage Temperature	-40℃~+60℃

Physical Characteristics

Color	Grey
Size	335mm×179mm×179mm
Weight	≈5.9kg
Detection Range	2.3m vehicle＞5km
Recognition Range	2.3m vehicle＞3km

GUIDE