

## Stationary Thermal Surveillance Camera

*IR 2107 can be applied to secure border with long range searching, detection, 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, 25 μm 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	8~14 $\mu$ m
Pixels	384 $\times$ 288
Pitch	25 $\mu$ m $\times$ 25 $\mu$ m
NETD	$\leq$ 100mk@25 $^{\circ}$ C
Optics	
Lens	107mm/ F0.69 Motorized lens (150mm/F0.95 Motorized lens optional)
FOV	5.13 $^{\circ}$ $\times$ 3.85 $^{\circ}$ (3.67 $^{\circ}$ $\times$ 2.75 $^{\circ}$ optional)
Image Presentation	
Video Output	PAL
Frame Frequency	50Hz
Adjust	Auto/Manual brightness & contrast adjustment
Electronic Zoom	$\times$ 2, $\times$ 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, by 110/ 220VAC adapter
Power Dissipation	<8W
Environmental Parameters	
Operating Temperature	-20 $^{\circ}$ C~+50 $^{\circ}$ C (-40 $^{\circ}$ C~+60 $^{\circ}$ C optional)
Storage Temperature	-40 $^{\circ}$ C~+60 $^{\circ}$ C
Physical Characteristics	
Color	Grey
Size	335mm $\times$ 179mm $\times$ 179mm
Weight	$\approx$ 5.9kg
Detection Range	2.3m vehicle > 5km
Recognition Range	2.3m vehicle > 3km