

## Stationary Thermal Surveillance Camera

*The dual-FOV stationary camera carries out two missions: WFOV for wide scope search and NFOV for target details recognition. It 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 thermal security series are ideal choice for border security and law enforcement*

### Features and Benefits

- 384×288 pixels high-resolution, 25 μm uncooled FPA technology
- Easy operation
- Easy to be integrated into system
- Powerful function and high reliability
- Integrated image processing software
- Dual-FOV optical system
- Rugged and sealed



### 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	45.7mm/137mm/F1.1 Motorized lens
WFOV	11.99 $^{\circ}$ $\times$ 9.01 $^{\circ}$
NFOV	4.01 $^{\circ}$ $\times$ 3.01 $^{\circ}$
Image Presentation	
Video Output	PAL
Frame Frequency	50Hz
Adjust	Auto/Manual brightness & contrast adjustment
Electronic Zoom	$\times$ 2
Polarity	B&W, B&W inverse
Interfaces	
Command and Control	RS232/422/485 optional
Video Output	RCA/BNC alternative
Power System	
Power Supply	24V DC, 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	Black
Size	357.6mm $\times$ 186mm $\times$ 177mm
Weight	$\approx$ 9kg
Detection Range	2.3m vehicle >4km
Recognition Range	2.3m vehicle >2.5km