

Stationary Thermal Surveillance Camera

IR21X serious stationary thermal surveillance camera can penetrate through haze, smoke, rain, snow and total darkness from short to medium distance. Featuring advanced thermal image and video processing technology, it can be easily integrated into traditional daylight or lowlight CCTV systems, acting as security fence at dark night. It is used for mobile, pan-tilt-zoom and fixed mount scenarios, ideal for security, perimeter monitoring, nuclear security & force protection.

Features and Benefits

- 384 × 288 high performance uncooled detector
- Featuring various optional lens according different applications
- Conveniently integrated into CCTV system and operation easily
- Design for use in any harsh environment



Applications

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



Specifications

Imaging Performance	
Detector Type	UFPA microbolometer Asi
Pixels	384 × 288
Pitch	25 μ m
Spectral Range	8-14 μ m
Frame Frequency	50Hz
NETD	<100mk (@25°C F=1)
Lens	
Focal Length	8mm/13mm/25mm/50mm/75mm/100mm/150mm
Focus	Automatic
Electronic Zoom	2X,4X(Optional)
External Control	
Control box	Yes
Software control	Yes
Pan/Tilt	
Azimuth Angle	0° ~360° ; 0-10° /S
Pitching Angle	-75° ~75° ; 0-8° /S
Programmable search	preset 80 points
Video Output	
Video Output	PAL/NTSC(Optional)
Digital Interface	Optional
Interface Control	
External Control Interface	RS232/RS422/RS485 (Optional)
PC Control Software	Yes
Power System	
Power Supply	DC 7-12V
Power Dissipation	<4W
Environmental Specification	
Operating Temperature	-20°C ~+50°C (-40°C ~+60°C (Optional)
Storage Temperature	-40°C ~+60°C