DALI

Thermal Imaging Camera

Surveillance type

S260 series

160x120/384x288 uncooled FPA detector

Auto focus according to the objective scene
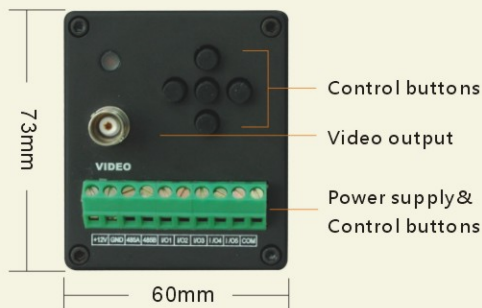
Standard Interface , Integration Facilitating

IRTECH®

S260

S260 Series Thermal Imaging Camera

Application for emergency rescue command vehicle

Application for Indoor Monitoring

System feature :

◆ Long time recording for , playback and analyse easily at any time
◆ Auto focus according to the objective scene
◆ Multi-point control at the same time streaming media forwarding
◆ Recording for long time, and playback and analyse easy
◆ Motion and alarm record
◆ Multiple video channel combined output
◆ Data backup at any time
◆ IE browsing，PTZ controlling with network
◆ Powerful alarm linkage function supplied：Lose-shift object detection, Property Lost alarm, motion path identification, population unusual behavior recognition, object statistics counts
◆ system perfects on-line security application under different weather condition, including detecting hidden danger, rescue, suppress smuggling, search as well fire protection and etc.

Optional housing

- Control buttons
- Video output
- Power supply& Control buttons

73mm

60mm

VIDEO

+12V GND 485A 485B I/O1 I/O2 I/O3 I/O4 I/O5 COM

S260–160(36mm lens)
Weather condition: 25℃，1atm，Visibility 10Km，60%RH
2.3m × 2.3m object：Detection approx.1200m
1.7m × 1m object：Detection approx. 700m

S260–384(40mm lens)
Weather condition: 25℃，1atm，Visibility 10Km，60%RH
2.3m × 2.3m object：Detection approx.1300m
1.7m × 1m object：Detection approx. 800m

Detection range is effects from the object size and degree of fever, lens specifications, the weather factors in different ways

Parameter

Item		S260-160	S260-384
Detector characteristics	Detector type	Uncooled FPA microbolometer	
	Array size/format	160×120	384×288
Image characteristics	Field of view/min focus distance	6.4°×4.8°/1.0m	13.7°×10.3°/1.0m
	Spatial resolution(IFOV)	0.69mrad	0.63mrad
	Thermal sensitivity	≤0.1℃@30℃	
	Frame rate	50HZ	
	Focus	Automatic/Manual electronic focus，auto focus according to the object scene	
	Spectral range	8-14μm	
Thermal image adjust	Control button	YES	
	Brightness/Gain adjustment	Manual adjust brightness/gain,automatic adjust brightness an manual adjust gain, automatic adjust brightness/gain	
	Automatic adjust brightness/gain mode	2 fixed modes, 8 user-defined modes	
	Image polarity	Hot black/hot white	
	Electronic zoom	2X	
	Noise reduction	YES	
	Image enhancement	YES	
	Calibration	Automatic/Manual	
	Crosshair	On/off	
Power supply	External power	10-15V DC	
	Power consumption	≤4.5W	
Environment	Operating temperature	-20℃-+50℃	
	Storage temperature	-45℃-+65℃	
	Encapsulation	IP40	
Physical characteristics	Weight	≤0.8Kg	
	Dimensions	≤169mm×62mm×78mm	
Interface	External DC input	YES	
	Video output	PAL	
	Remote control	RS485	
	PTZ decoder interface (Optional)	YES	
	Alarm output (Optional)	On-off alarm output	

▲ The information contained in this document is subject to change without notice