



Product description: Thermal camera long range

Product name: SC T series



Detection range 3,000 meter to 12,000 meter for human and up to 25,000 meters for vehicle, based on lens options

Features:

- The first independent defogging defrosting module, solve the camera and lens fogging.
- High-quality heating parts are used in the camera housing, so that the whole housing can work together to form an effective anti-fog and defogging.
- PTZ adopts the integrated upper and lower structure so that the PTZ and infrared housing will not bump and dislocate.
- PTZ standard with the original regulator module, filter the vehicle transient current instability, so that PTZ remains stable.

Thermal Vision Supplement: PTZ adopts 38~190mm, multi-angle work together, the working life up to 30,000 hours, thermal vision from 3,000m to 12,000m for human detection and up to 25,000m for vehicles.

Application:

- Security Surveillance.
- Urban management law enforcement.

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Camera data:

Product		SCT225		
Monitoring Distance		Object	Human (1.8*0.5 m)	Vehicle (2.3*2.3 m)
		Detection Distance	8,370 m	20,294 m
		Recognition Distance	2,092 m	5,073 m
		Identification Distance	1,046 m	2,536 m
Thermal Camera	Resolution (pixels)	640x480		
	Spectral response	8-14μm (Un-cooled LWIR micro-bolometer)		
	Pixel Pitch	12μm		
	Thermal Sensitivity (NETD) of sensor	<50mK @f1.0, 30Hz, 300K		
	Operating temp (Ambient temp.)	-10°C to 60°C		
	Video Output	Compressed video data, H.264, MPEG4, MJPG (ONVIF/POE supported) BNC connector (composite): NTSC 30Hz, PAL 25Hz HDMI: Selectable (50Hz or 60 Hz), HDMI: 480p, 576p, 720p, 1080i, 1080p selectable		
	Ethernet	Giga Ethernet (10/100/1000Mbps)		
	Lens	38~190mm		
General	Temperature / Humidity	10°C~+60°C <90%		
	Power Supply	DC12V±10%		
	Power Consumption	Static: 2.5W, Dynamic: 4.5W		
	Dimension	283 x 563 x 550 mm		

PT Drive function:

Pan preset speed	100°/s
Tilt preset speed	60°/s
Pan control speed	0°~60°/S
Tilt control speed	0°~40°/S
Pan range	360°endless rotation
Tilt range	+90° ~ -90°
Preset positions, Tracking	256 positions 8 tracking
IR Distance	2 groups lens, 100m night vision



Control Way	RS485, Built-in PELCO D/P 16 protocol, Baud Rate from 2400Bps to 19200Bps optional
Relative Humidity	Less than 90%
IP Grade	IP66
Working Temperature	-35° ~ +55°
Impact resistance requirements	≥4G
Wiper	Support
Installation	Variety of installation according to the environment
Weight	7kg

Measures and Diagram: (mm)

