



**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:

<b>Product</b>		<b>SCT100</b>		
<b>Monitoring Distance</b>		<b>Object</b>	<b>Human (1.8*0.5 m)</b>	<b>Vehicle (2.3*2.3 m)</b>
		<b>Detection Distance</b>	3,720 m	9,019 m
		<b>Recognition Distance</b>	930 m	2,254 m
		<b>Identification Distance</b>	465 m	1,127 m
<b>Thermal Camera</b>	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		
<b>General</b>	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:

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



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

### Measures and Diagram: (mm)

