



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:

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|----------------------------|--------------------------------------|--|--------------------------|----------------------------|
| Product | | SCT190 | | |
| Monitoring Distance | | Object | Human (1.8*0.5 m) | Vehicle (2.3*2.3 m) |
| | | Detection Distance | 7,068 m | 17,137 m |
| | | Recognition Distance | 1,767 m | 4,284 m |
| | | Identification Distance | 883 m | 2,142 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 |



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|---------------------------------------|--|
| 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)

