

Long Range Thermal PTZ

SC-IT2540-H

Key Features:

- **Bi-Spectrum Imaging:** Supports both optical and thermal imaging.
- **Thermal Resolution:** 640 × 512.
- **Automatic Configuration:** Multiple user-defined modes to adapt to various detection requirements.
- **Power Loss Protection:** Includes self-locking functionality for safety during power outages.
- **Sturdy Design:** Resistant to strong winds with IP66-rated protection.
- **ONVIF Support:** Ensures interoperability with other systems.

Camera Specification:

THERMAL DETECTOR

Type	Uncooled Vanadium Oxide(VOX)
Array size	640X512
Pixel pitch	17 μm
NETD	≤40mK@f/1,300K
Frame rate	50 Hz
Spectral Range	8~14μm

LENS

Focal Length	75mm (Optional: 150mm, 30~150mm, 25-225mm)
Lens Type	Optical Continuous zoom lens
Brightness/Gain	Auto brightness/gain
Polarity	Black-hot/white hot
Configuration	8
Communication	14 Pseudo colors (Black Heat, White Heat, Iron Red, Rainbow etc.)
Digital Zoom	16X
DNR	Support 2D/3D Noise reduction

VISIBLE CAMERA

Resolution	1920x1080
Sensor	1/1.8"CMOS Progressive Scan image Sensor
Lens	6~442mm (Optional: 6~563mm, 10~950mm)

*Due to continuous technology up gradation, designs and specification are subject to change without notice.

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Illumination Color:0.02Lux@(F1.2,AGC ON), Black/White:0.0001Lux@(F1.2,AGC ON)

Focus Auto

Anti-Fog Support

WDR Support

Image Stabilization Support

LASER(OPTIONAL)

Laser Light Source	8W, 808nm±10nm	10W, 808nm±5nm	16W, 808nm±10nm
Distance	1km	2km	3km
Laser Angle	Motorized Zoom adjustable from 0.5° to 40°	Motorized Zoom adjustable from 0.5° to 80°	Motorized Zoom adjustable from 0.3° to 50°
	Effective Distance 80~1000Mtr.	Effective Distance 100~2000Mtr.	Effective Distance 200~3000Mtr.

PTZ

Horizontal rotation angle 0~360° Continuous rotation

Vertical rotation angle -60°~+60°

Horizontal rotation speed 0.01°~30°/S

Vertical rotation speed 0.01°~15°/S

Number of PTZ Preset 200

Automatic Scan Support

Auto tour 6 Tour

Auto Home Support

Material Aluminum Alloy

GENERAL

Dimension Length, Width and height : 502mm×397mm×246mm

Protection grade IP66

Weigh 35kg

Working temp -20°C~60°C

Storage temp -40°C~70°C

SYSTEM INTERFACE

Video 1 RJ45 10M/100M Ethernet port

Network protocol TCP/IP, IPv4, ONVIF , PSIA , CGI

Power AC 24V±10%

Power Dissipation <200W (with Heater)

Certification CE, FCC, BIS

DORI Range:

Lens	75mm	150mm	30~150mm	25~225mm
Detection Distance	Vehicle: 7Km Human: 2Km	Vehicle: 7Km Human: 2Km	Vehicle: 11Km Human: 4Km	Vehicle: 14Km Human: 5Km
Recognition Distance	Vehicle: 2Km Human: 750m	Vehicle: 2Km Human: 750m	Vehicle: 2Km Human: 1Km	Vehicle: 3Km Human: 1Km
Identification Distance	Vehicle: 1Km Human: 400m	Vehicle: 1Km Human: 400m	Vehicle: 1Km Human: 600m	Vehicle: 1Km Human: 700m

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