

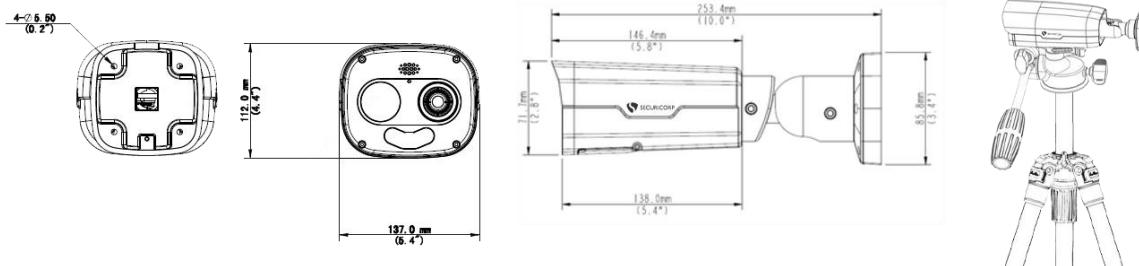
Thermal & Optical Network Camera for Temperature Screening

Key Features

- ❖ Smart IR up to 50m
- ❖ ONVIF conformance
- ❖ Starlight Illumination
- ❖ Triple streams compression
- ❖ Light and audio alarm support
- ❖ Ultra 265, H.265, H.264, MJPEG
- ❖ Supports no mask alarm function
- ❖ Dual spectrum imaging (Optical and Thermal)
- ❖ Support human body temperature abnormal alarm function
- ❖ Supports automatic exposure control and automatic white balance



Technical Specifications



Model	SCG-BTM-TRML650
Product Name	Dual Spectrum Temperature Measurement Bullet Network Camera (Optical & Thermal)
Optical Module	
Sensor	1/1.8", 4.0 MP progressive scan, CMOS
Lens	6mm@F1.6
Iris	Auto aperture
Angle of View	56.1° (H)
Frame Rate	4MP(2688*1520), Max 60fps
Shutter	Auto/Manual, 1 ~ 1/100000s
Min. Illumination	Colour:0.001lux (F1.6, AGC ON) 0 lux with IR
WDR	120dB
Day/Night	IR-cut filter with auto switch (ICR)
IR Range	Up to 50m
IR On/Off	Auto/Manual
HLC	Supported
BLC	Supported
Wavelength	850nm

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SCG-BTM-TRML650

Thermal Module	
Lens	9.7mm
Sensor type	Uncooled Focal Plane Arrays
Max. Resolution	384*288
Angle of View	39.0° (H)
Frame Rate	720P(1280*720), Max 25fps
Response waveband	8~14μm
Pixel size	17μm
IFOV	1.75mrad
NETD	≤50mk @ f1.0
Temperature Measurement	
Range	30°C~45°C
Accuracy	±0.3°C (with black body)
Distance	3~6 m
Working environment	16°C~32°C
Smart	
Human body Temperature measurement	Supports alarm (can set threshold temperature) Supports when OSD displays the temperature on the body surface or inside
Audio and light alarm	Supported (red and blue warning lights)
Face detection	Supported by Optical camera
Attribute collection	Mask and human body temperature
Alarm	No-mask and abnormal temperature
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Video	
Compression	Ultra265, H.265, H.264, MJPEG
Video Stream	Triple streams
OSD	Up to 8
Privacy Mask	Up to 8 areas
Audio	
Compression	G.711U,G.711A
Two-way audio	Supported
Sampling Rate	8KHZ
Storage	
Micro SD	up to 256 GB
Network Storage	ANR,NAS(NFS)

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Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP
ONVIF	Profile S, Profile G, Profile T
Interface	
Audio I/O	1 Input: impedance 35kΩ; amplitude 2V *p-p] 1 output: impedance 600Ω; amplitude 2V *p-p]
Alarm I/O	2/2
RS485	1 port
Network	1 x RJ45 10M/100M Base-TX Ethernet
General	
Power	Power supply : DC12V(±25%), PoE+(IEEE802.3at) Protection: reverse polarity, Overvoltage and over current , Input short circuit protection
Power consumption	< 11W
Dimensions (Ø x H)	Φ395.2mmx137.0mmx112.0mm
Net Weight	3.5kg
Installation method	Tripod
BLACKBODY	
Product Name	Blackbody (for temperature accuracy calibration purposes)
Accuracy	±0.1°C(@factory calibration, environment temperature 23°C±5°C) ±0.2°C(@factory calibration, environment temperature 23°C±10°C)
Temperature resolution	0.01°C
Stability	±0.15°C/30min
Radiation spectrum	8μm~14μm
Effective emissivity	Adjust according to 0.97
Power	DC24V
Power consumption	90W
Radiation area	72mmx72mm
Weight	<1.4kg
Working temperature	35°C~40°C
Working environment	0°C~40°C
Dimension	110mm x 110mm x180mm

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