

## FEATURES

- Long distance, Large area, Accurate and rapid screening
- Multi-point abnormal temperature alarm
- Temperature measurement data can be traced
- Non-contact rapid screening, Avoid cross infection
- Intelligent calibration of body surface
- Continuous recording, alarm automatic capture

## RS PRO Thermal Imaging Camera

RS Stock No.: **2012637**



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

The series are a new-generation intelligent infrared thermal imaging body temperature rapid screening system developed. on the basis of years of infrared R&D experience in combination with the actual market demands. The system features contact-free, retention-free and multi-person temperature measurement in one time, while integrating the functions of multi-target face detection and capture, face-to-face database comparison, and rapid screening of human body with fever symptoms in the crowd. As the candidate product shortlisted by General Administration of Quality Supervision, the series have been widely adopted in inspection and quarantine departments for multiple years, which can be extensively adopted in customs ports, airports, stations, enterprises, schools, parks, banks, prisons and other sites.

## General Specifications

<b>Detector</b>	Detector type	Uncooled focal plane
	Wavelength	8 - 14 $\mu\text{m}$
	Resolution	384×288
	NETD	$\leq 60\text{mk}$
<b>Lens</b>	FOV	20°×17°
	Focal length	18mm
<b>Functions</b>	Temperature range	20°C ~ 50°C
	Measurement accuracy	$\leq 0.3^\circ\text{C}$
	Alarm response time	< 1s
	Color code	11
	Temperature calibration	Automatic temperature correction via built-in and external blackbody
	Inspection distance	3~10m
	Max. number of people walking through the gate	6 people
	Measurement response	< 0.1s
<b>Alarm function</b>	Alarm mode	Body surface、 core temperature
	Max. Alarm number	More than 30
	Intelligent function	Human face detect and face temperature comparison
	Alarm trigger	Available

## Thermal Imaging Camera

<b>CCD</b>	Resolution	1920*1080
	Imaging device	2 million CMOS
	Function	Support wide dynamic
<b>Network</b>	Programming interface	Support SDK, Windows, 32 bit and 64bit
	Web	IE : Microsoft Internet Explorer (version 9~11)
	Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, ICMP, IGMP, ARP, DNS
<b>Environment</b>	Operation temp	-20°C- +50°C
	Storage temp	-40°C- +60°C
<b>Physical interface</b>	Input voltage	DC 12V
	Power consumption	≤15W
	Web interface	1 channel RJ45
	Weight to camera	<1.5KG
	Dimension to camera	<232*145*85mm
	Use condition	Indoor
<b>Supported Languages</b>		Chinese/English/Japanese/Korean/ Russian/ Turkish

### Electrical Specifications

<b>Power Source</b>	Adapter input & output to camera (12V)
<b>Battery Type</b>	NA
<b>Battery Life</b>	NA
<b>Battery Charging Time</b>	NA

### Mechanical Specifications

<b>Dimensions</b>	232*145*85mm
<b>Width</b>	232mm
<b>Length</b>	145mm
<b>Height</b>	85mm
<b>Weight</b>	1.5KG
<b>Housing Material</b>	aluminium alloy

### Operation Environment Specifications

<b>Operating Temperature Range</b>	-20°C- +50°C
<b>Storage Temperature Range</b>	-40°C- +60°C
<b>Drop Test</b>	NA
<b>Shock Resistance</b>	NA

# Thermal Imaging Camera

Vibration Resistance	NA
Humidity (Operating and Storage)	NA

## Protection Category

IP Rating	IP 54
-----------	-------

## Approvals

Compliance/Certifications	CE
Declarations	
Hazardous Area Certification	

Basic Dimensions/ Supplies & accessories/ Included/ Kits

## Infrared Thermal Imaging Camera Packing List

Serial No.	Name	QTY
1	Thermal imaging camera	1
2	Blackbody	1
3	Client software	1
4	QC certificate	1
5	Power adaptor	1
6	Power cable for camera	1
7	Power cable for black body	1