

CP-RT-G151

Thermal Imager

- 2.8" TFT screen
- High/low Temperatures Measurement
- Adjustable emissivity
- Storage card
- Alarm buzzer
- High temperature alarm
- Flashlight
- Type-C USB port for charging and data transmission



System Overview

Ideal for screening temperatures of people in any place, big or small. The thermal imager showcases highly accurate temperature measurements. It has been designed to screen the body temperatures of people instantaneously and takes only a part of a second to detect and record the temperature once placed only a few centimetres away.

Functions

Adjustable Emissivity

Emissivity is the measure of an object's ability to emit infrared energy. Emitted energy indicates the temperature of the object. The emissivity level in this thermal imager can be adjusted to suit the weather and human conditions.



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Thermal Imager

Functions

Temperature Screening

This solution is primarily famous for screening the body temperatures of people with great precision and accuracy. The solution even records the temperatures for increased accountability.

Alarm Buzzer

To immediately indicate when abnormal temperatures are recorded, this thermal imager has been integrated with an alarm buzzer that goes off as soon as the temperature is screened and recorded.

Keeps on Running

To increase the efficiency of temperature screening and to give it increased battery life, this thermal imager has a Type-C USB port that can be used both for charging and for data transmission.

Storage Card

A memory card is a type of storage device that is used for storing media and data files. It provides a permanent and non-volatile medium to store data and files from the attached device. Memory cards are commonly used in small, portable devices, such as cameras and phones.

About CP PLUS

The brand that is on its way to lead the world when it comes to the security and surveillance industry, CP PLUS, keeps bombarding the market with the most reliable range of products that have been designed carefully and methodically to automate the whole surveillance and security process, no matter how big your premises are.

It was the initiative to help the public in the area where they are the most vulnerable and to empower the sense of safety in our hearts that had conceptualized CP PLUS. And embarking on its mission to make the world a safer and more secure place has taken the brand's journey to unprecedented levels even when compared to international competitors.



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Thermal Imager

Feature	Specification
Sensor	Uncooled focal plane
Display	2.8" TFT LCD
Temperature Range	30°C~45°C
Resolution	0.1°C
Accuracy	±0.5°C (@25°C ambient temperature)
Minimum Measuring Distance	1m
Temperature measurement Response Time	≤500ms (95% of reading)
Pixel of Thermal Imagery	4800 (80×60)
Pixel Dimensions	17μm
Swatches	White hot, red hot, ice blue, rainbow, iron
Bandwidth of Infrared Spectroscopy	8~14μm
Field of View (FOV)	51°(H) × 38°(V)
Instantaneous Field of View	11mrad
Thermal Imaging Sensitivity	<150mk
Frame Rate	<9Hz
Temperature Display	Center temperature measurement and high temperature tracking (default)
Image Format	BMP
Image Modes	Thermal image
Display Resolution	320×240
Data Communication	Type-C USB
Auto Power off	Selectable (5min, 10min, 30min), 30min auto power off (default)
Service Time	≥6 hours
Charging Time	4 hours
Image Storage	Micro SD card

Feature	Specification
PC analysis software (PC)	Support
Power	A single Li-ion 3.7V/5000mAh 26650 Battery
Product Color	Red & Grey
Dimension	236mm x 75.5mm x 86mm
Standard Accessories	Manual, Type-C USB cable, 16GB SD card
Gross Weight	2.2kg

Structure

