



High-temperature limit exceeding alarm

The customized high temperature limit can be set to 37.3°C. For the temperature $\geq 37.3^{\circ}\text{C}$, indicator light and screen will indicate high temperature alarm, which can effectively and quickly screen individuals with abnormal temperature.

Real-time image transmission

Set the USB mode to USB camera, connect the USB cable to the computer to mirror the upper computer software by real-time image transmission.

Able to connect to PC and Real-time Image Projection



INFRARED THERMAL IMAGER DETECTION

- 2.8" TFT screen / Infrared resolution: 160×120
- Frame frequency: 9Hz
- Range of temperature measurement: 30°C~45°C
- Accuracy: $\pm 0.5^{\circ}\text{C}$
- Photographed function and SD card storage
- PC software analysis
- Point temperature measurement
- Type-C USB interface for lithium battery charging
- 1/4" tripod mounting hole

INFRARED THERMAL IMAGER DETECTION

Description	Specifications
Sensor	Uncooled focal plane array
Temperature Range	30°C~45°C
Resolution	0.1°C
Accuracy	±0.5°C (@ 25°C ambient temperature)
Minimum Measuring Distance	1m
Temp Measurement Response Time	≤500ms (95% of reading)
Pixel of Thermal Imagery	19200 (160×120)
Pixel Dimensions	12μm
Palettes	Iron red, rainbow, glowing white, glowing black, glowing red, lava, high-contrast rainbow
Bandwidth of Infrared Spectroscopy	8~14μm
Field of View (FOV)	56°(H) × 42°(V)
Instantaneous Field of View (IFOV)	6mrad
Thermal Imaging Sensitivity	<50mk
Frame Rate	<9Hz
Temperature Display	Center temperature measurement and high temperature tracking (default)
Image Format	BMP
Buttons	10 Buttons: Power Button, Camera Button, Return Button, Navigation Buttons, Set Button, Browsing Button, LED Lighting Button
Image Modes	Thermal Imagery, Digital Camera (Visible Light), Fusion
Temperature Measuring Point	Besides central point, 3 temperature measuring points can be added
Visible Light	√
Resolution of Visible Camera	640×480
Display Resolution	320×240
Mixed Setting	0% (total visual camera), 25%, 50%, 75%, 100% (total thermal imagery)
PC Analysis Software	√
Real-time Image Transmission	PC software image projection
Data Communication	Type-C USB
Auto Power off	Selectable (5min, 10min, 30min), 30min auto power off (default)
Battery Life	≥6 hours
Charging time	≤5 hours
Charging Voltage / Current	5V/2A
Image Storage	Micro SD card
General Characteristics	
Power	A single Li-ion 3.7V/5000mAh 26650 battery
Display	2.8" TFT LCD
Product Colour	Red & Grey
Product Size	236mm x 75.5mm x 86mm
Standard Accessories	Manual, Type-C USB cable, 16GB TF card
Standard Carton Gross Weight	2.2kg