

Portable Thermal Imager multicomp^{PRO}

RoHS
Compliant



It is latest portable infrared thermal imager with high-resolution (80×60). Users can observe the target object clearly at night and measure the temperature. Cube has multiple palettes for different scenes. It is equipped with upper computer software and can transmit data through the USB interface, display and analyze all pixel temperatures, and perform high temperature capture which can quickly identify the hot spot location. Designed with high and low temperature alarm/dynamic tracking, adjustable emissivity, This Cube can meet various user requirements, and its palm-sized volume and complete functions makes it a best choice for DIY hobbyist. It is an ideal tool for on-site temperature detection.

Applications

This Cube is widely used in power/HVAC equipment maintenance, electronic power/automotive manufacturing, construction, energy, chemical and smelting industries.

Features

| | |
|-----------------------------------|---------------------|
| High and low temperature alarm | |
| High and low temperature tracking | |
| Backlight | : High, Medium, Low |
| Display | : 2.4-inch TFT LCD |
| Display resolution | : 320 × 240 pixels |

Specifications

| | |
|-------------------|---------------------------------|
| Temperature Range | : -10°C to +400°C |
| Basic Accuracy | : ±2°C or ±2% @ -10°C to +140°C |
| | : ±3°C or ±3% @ 140°C to +450°C |
| Resolution | : 0.1°C |
| Emissivity | : 0.95 (0.1 to 0.99 Adjustable) |
| NETD | : ≤150mK (0.15°C) |
| IR Resolution | : 80*60 |
| Pixel Size | : 17µm |
| Palettes | : Iron, Rainbow, Grey |
| FOV | : 51° (H) * 38° (V) |
| Image Frequency | : ≤9Hz |

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General Characteristics

| | |
|----------------------|--|
| Battery | : Li-ion 3.7V/1300mAh |
| Dimensions | : 48mm × 36m |
| Colour | : Green and Grey |
| Net Weight | : 125g |
| Size | : 76mm × 76mm × 22mm |
| Standard accessories | : Micro SD card, micro USB cable, carrying bag |
| Warranty | : 12 Months |

Part Number Table

| Description | Part Number |
|---------------------------------|-------------|
| Thermal Imager, -10°C to +400°C | MP780429 |

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