

Portable Thermal Imager multicom^{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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