Thermal Imagers

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Description

MP780922 is a rugged and ergonomically designed thermal camera, powerful and user friendly with great performance and attractive price, with 120×90 pixels IR resolution which can automatically track the objective's temperature from -20°C to 400°C. It is an affordable professional troubleshooting tool, widely used in many applications.

Features

- Durable and user-friendly
- 8" TFT display screen (320×240 Pixels)
- IR resolution: 120×90
- Temperature measurement range: -20°C to 400°C / -4°F to 752°F
- Auto alarm for high/low temperature
- Auto tracking for hot spot/cold spot
- Image capture
- Image modess: Thermal,Visual image,Fusion
- Color palettes: 5(White hot, Black hot, Red hot, Ironbow, Rainbow)
- LED flashlight
- PC software analysis
- Rechargeable Li-ion battery
- 1/4" tripod mounting hole
- IP65
- 2m drop proof"

Specifications

IR resolution (Pixels)	120 × 90
Display	2.8" TFT LCD (320 × 240)
Field of view (FOV)	50° × 38°
Thermal sensitivity (NETD)	≤60mK
Spatial resolution (IFOV)	7.3mrad
Frame rate	≤25Hz
Focus	Focus Free
Temperature measurement range	-20°C to 400°C
Accuracy	±2°C or ±2% whichever is greater
Emissivity	0.01 to 1.00 adjustable

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Page <1>   30/08/22   V1.0

Functions	
Color palettes	5 (White hot, Black hot, Red hot, Ironbow, Rainbow)
Image modes	Thermal,Visual image,Fusion
Digital camera resolution	640 × 480
Hi/Lo temperature alarm	Icon, LED flashlight, Buzzer
PC software analysis	√
General Characteristics	
Battery	Fixed Li-ion battery (3.6V 5000mAh)
Battery operation time	≥6 hours
USB	Type-C
IP rating	IP65
Drop proof	2m
Storage	Up to 32GB Micro SD card
Image/Video storage format	BMP
Product net weight	910g
Product size	236mm × 75.5mm × 86mm
Packing Details	
Standard accessories	Micro SD card, Type-C USB cable, English manual
Standard individual packing	Gift box
Standard Qty per carton	10
Standard carton size	500mm × 315mm × 295mm
Standard carton G.W.	10.1kg

Part Number Table

Description	Part Number
Thermal Imager, 120×90 Pixels, 50°×38°, -20°C to 400°C, 8" TFT	MP780922

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Page <2>   30/08/22   V1.0