Thermal Master P3

PCB Master

1mA PCB
Detects Leakage

8mm Macro
Focus Lens

512x384
X³ IR™ Resolution

-20~600℃
±2℃ Accuracy

15X
Digital Zoom

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Specifications

Model	P3
Detector	Vox 256x192 @12μm
X^3 IR™ Resolution	512x384
Measurement Range	-4°F~1122°F（-20℃~600℃）
Temp Accuracy	±2℃ or ±2% of the reading
Focal Length	4.3mm
Focusing Mode	Macro & Manual Focus Lens
Curcuit board testing	Detect 1mA PCB leakage
Application Scenarios	Circuit board/Electrical/Industrial/HVAC/Home/Automotive Inspections
Compatibility	Connect to iPhone®,iPad®,Android™ Phones and PCs iPhone 8-16/Android 7.0 over system
Digital Zoom	15×
Frame Rate	25Hz
NETD	<35mk @25℃
Infrared Core	Thermal Master® High-Sensitivity Sensor
RazorX™	Ultra-Clear algorithm
IQ+ Precision Temp	Dynamic compensation algorithm for temperature drift with intelligent sensing of ambient temperature
Temperature Measurement	3points/3lines/3rects/3circles, automatic center/high/low temperature point tracking
High/Low temperature alarm	Supported
Isotherm	A setting that highlights a specific range of temperatures within the thermal image, making them stand out with a distinct color.
Photo and Video	Supported
Free Prof Data Analysis	Post-image offline analysis
Image Model	IR(default), PIP
Palettes	12 (whitehot / blackhot / ironred / red hot +8 other palettes)
Temperature Correction	Adjustable emissivity, distance correction, and ambient temperature settings
App name	Temp Master direct download from google play/app store *Android 10 system and Pc sofware download on www.thermalmaster.com
Phone battery power hours	300~480 minutes(Eg: Samsung Galaxy S23+ 4700mAh batarry life 367minutes)
Power Consumption	0.32W
FoV	40°x30.2°
Size (LxWxH)	59*27*17.2mm
Weight	26.3g
Material	Aerospace Alloy Body
Operating Temperature	-20°C~55°C
Storage Temperature	-20°C~60°C
Warranty	2 years (standard)
Supported Languages	Supports 12 languages
Plug	Plug extended by 2mm, compatible with most phone cases
Package Content	P3 thermal camera, portable case, type C to Lightning adapter, 50 cm extension cabel, user manual

About Us

Thermal Master, Leading in Phone Thermal Cameras.
Thermal Master is dedicated to opening a new world of thermal vision for explorers worldwide, keeps pursuing excellence and innovation.
Thermal Master, for a greener Earth.

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