

INFRARED SOLUTIONS - SYSTEMS & SERVICES

Therm-App
more to see.

Infrared Systems
Infrarot Systeme



irPOD.net

INFRARED-CAMERA-CONFIGURATOR
www.irPOD.net

Therm-App
more to see.

Therm-App™

www.irPOD.net



irPOD.net

Turning Android Smartphones into Professional Thermography Cameras



Compact & Lightweight

High Resolution

384 x 288 pixels
superb image quality

Affordable

Outstanding price/
performance ratio

IT'S EASY TO



Operate

Touchscreen controls,
Smartphone clip on



Connect

WiFi, 3G / 4G,
Bluetooth, USB



Share

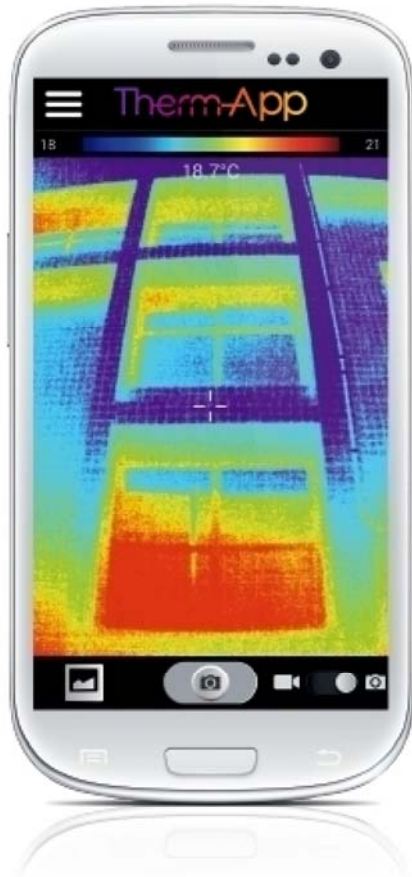
Email, Dropbox,
Social Networks,
Messaging Apps



Upgrade

Software updates
via Google Play,
Developers SDK

Tailored For Thermography

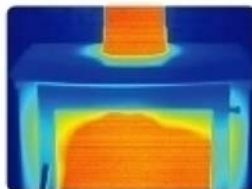


- Accurate temperature measurements
- Manual and auto temperature scales
- Video and sound recording
- Full thermographic data export
- Professional PC analysis and reporting software
- Digital zoom
- Multiple color palettes
- Line, Spot, High/Low, Area Temperature Measurements
- Customized text and video annotations

Applications



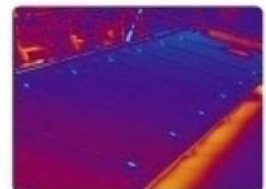
Building Inspection



Heating, Ventilating,
& Air Conditioning
(HVAC)



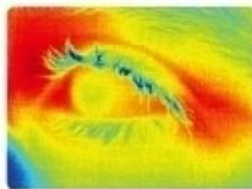
Electrical Inspection



Green Energy Facility
Inspection



Industrial &
Mechanical



Research and
Education



Veterinary & Farming
& Pet Control



Healthcare and Medical



Measurement	
Resolution	384 x 288 pixels (>110,000 pixels)
Accuracy	+/- 2°C or 2% (@25°C)
Sensitivity	NETD <0.07°C
Temperature Range	0 – 200 °C
NUC Calibration	Shutterless
Hardware	
Imager	384 x 288 microbolometer LWIR 7.5 -14um
Optics	6.8mm lens (55° x 41°). Optional lenses available. Field replaceable.
Focus	Manual, 0.2m to infinity
Frame Rate	8.7Hz
Weight	123 grams / 4.33 ounces
Size	55 x 65 x 40mm (2.16 x 2.55 x 1.57in)
Operating Temperature	-10°C to +50°C (14°F to +122°F)
Storage Temperature	-20°C to +50°C (-4°F to +122°F)
Power Supply	No battery, 5V over USB OTG cable, power consumption < 0.5W
Certifications	CE, FCC, RoHS
Encapsulation	IP54
Visible Camera	Typically 8 megapixels*
Mount/Handle	Ergonomic handle, using 1/4"-20 standard tripod mount
Device Attachment	Clip-on for smartphone (5 -10cm span)

* Smartphone Dependent

Smartphone	
Minimal Requirements	Android 4.1 and above, supporting USB OTG
GPS Stamp	Yes *
High Resolution Touchscreen	Yes *
Software	
Measurement Tools	<ul style="list-style-type: none"> Center Spot User Defined Spot Line Area High/Low
Measurement Setting	Emissivity, Reflected Temperature
Annotations	Text & Video Annotations
Output	Video & Audio (h.264), Snapshot (IR, VIS, Metadata)
Instant Share	Dropbox, Email , SMS
Android Share	Via media gallery
Color Palettes	Rainbow, Iron, Vivid, Grey, Red Hot, Blue Cold
Temperature Scale Range	Auto, Manual
Zoom	Continuous digital zoom using touchscreen
Software and feature updates	Yes (via Google Play)
Maintenance	Bad pixel repair utility
Quick access menu	One touch
Software and feature updates	Yes (via Google Play)

NETHERLANDS
BELGIUM
LUXEMBURG

GERMANY

POLAND

CZECH REPUBLIC

SLOVAKIA

AUSTRIA

SWITZERLAND

Application

Anwendungsbereich

Model

Modell



Building Investigation
Gebäudethermografie

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Electrical Thermography
Elektrothermografie

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Medical/Human Body Investigation
Medizintechnische Anwendungen

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Predictive Maintenance
Vorbeugende Instandhaltung

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Research & Development
Forschung & Entwicklung

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Automation/Conditional Monitoring
Automation/Qualitätssicherung

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Industrial Process Control
Industrielle Prozesskontrolle

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Surveillance/Rescue Management
Fernbeobachtung/Sicherheitstechnik

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Traffic Control
Verkehrsüberwachung

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Furnace/Glass melting industry
Brennraum/Glasschmelze

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Flame- and plastic measurement
Flamm- und Folienmessung

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○ capable geeignet

① well suitable gut geeignet

● particularly suitable sehr gut geeignet