

Thermal Imager

NEW

TPK160 Thermal Imager (160x120 Detector Resolution)

The real Android based Tablet Thermal Camera

Integrates tablet and thermal camera technology, which makes the device multifunctional.

Integrating infrared imaging technology with telecommunications technology. High quality infrared imaging in combination with a tablet allows the user to communicate in real time, and allows live image and video transmission.

Model Specifications

Image Performance

FOV	38° x 28°
Spatial Resolution	4mrad
Thermal Sensitivity	≤0.08°C @ 30°C
Detector Resolution	160x120 pixels
Temperature Range	-20 to 250°C
Focus	Fixed

Image Presentation

Image Mode	IR, CCD
Visible Pixels	High Definition CCD, 8Meg pixel
LCD Display	5" HD Capacitive touch screen
File Format	JPG

Temperature Measurement

Measurement Functions	4 moveable spots, Auto hot/cold spot identification, Isothermal analysis, circle analysis, rectangular analysis, line profile
Measurement Accuracy	±2°C or ±2% of reading

Camera Housing

IP Rating	IP54
Shock / Vibration Resistance	25G / 2G

Additional Features

Wi-Fi	Standard
Bluetooth	Standard
GPS	Standard
Electronic Compass	Standard
Built in Memory	≤ 4MB
Video Recording	Standard
Ports	USB Port
APPS	Reporter Software Installed as Standard

Accessories

- Battery
- Battery charger
- AC adaptor
- USB cable
- Headset
- Wrist strap
- Software app (Installed on the unit)
- Hard carrying case
- Operational manual /calibration report
- Packing list

