Thermal Imager

KT-100

indeks: WMGBKT100



WiFi

TOUCH SCREEN

IP54

Feel Safe with Thermography

Pocket camera

Experience professional-grade thermal diagnostics in your pocket. Engineered for electricians, HVAC techs, and building inspectors, this rugged tool combines a high-resolution 256x192 VOx detector and a 5MP visual camera to deliver exceptionally crisp, clear thermal imagery on a 3.5” touchscreen. Go beyond simple detection with a built-in laser rangefinder for precise distance-to-target measurement and intelligent area calculation. With a wide -20°C to 550°C range, IP54 rating, and 5-hour battery, is built for the field. Instantly share findings via Wi-Fi with the mobile app to streamline your workflow and deliver professional reports faster than ever. It’s not just a camera; it’s a complete diagnostic solution that empowers you to find, analyze, and document problems with unmatched efficiency and accuracy.

Features

- The new noise reduction algorithm ensure the camera to produces the more crisp, easier-to-identify images.
- Obtain precise maximum, minimum, and center-point temperature readings displayed clearly on a full screen in operating modes.
- After taking photo, Tap thumbnails to quickly review hidden defects.
- Laser Indicator and Rangefinder: Enables precise target identification and accurate temperature measurement.
- Tripod mounting

Specifications

Imaging & Optics

Detector resolution	256×192 / 12µm VOx
Detector	7.5~14 µm
Frame rate	30 Hz
Sensitivity	40 mK
Focus	Fixed
Lens (field of vision / Min.focus distance)	56°×48° / 0.1 m
Spatial resolution (IFOV)	3.75 mrad
Image mode	IR / Visual / Infrafusion MIF / PiP
Temperature range	Range 1: -20°C...+150°C | -4°F...+302°F Range 2: 100°C...+550°C | 212°F...1022°F
Accuracy	±2°C | ±4°F or ±2% of reading (for ambient temperature 15°C…30°C, object temp. ≥0°C)

Display and visual camera

Display	3.5" LCD Touchscreen, Resolution 640x480 pixels
Digital zoom	1,1x...8,0x
Visible Light Camera	5 MP

Memory

Storage Medium	15 GB Memory
Image Format	Radiometric JPG
Connectivity	Wi-Fi, USB-C, Tripod Mount (UNC ¼"-20)

Power

Battery Type	Rechargeable Li-ion (non-removable)
Operating Time	up to 5 hours
Charging	USB-C, PC/portable charger compatible, charge-while-using capable
Charging Time	2 hours

Additional functions

Laser	Laser Pointer (Indication) & Laser Rangefinder & Lighting
Alarm	Full-screen temperature threshold alarm (visual & flash)

Environmental & Physial

Housing	IP54
Operating temperature	-10°C…50°C
Drop test	1m
Dimensions	138 × 89 × 34.4 mm
Weight	ca. 296 g