

Thermal Imaging Camera

Handheld/Portable

TIC 45

SALIENT FEATURES

Thermal Imaging Camera is widely used in the Medical Archaeology, Transport, Agriculture and Electrical Applications.

SPECIFICATIONS

Display screen	3.5" full angle TFT display screen
Infrared image resolution	320 × 240
visible image resolution	300,000 pixel
Field angle/shortest focus length	56° x 42°/ 0.15m
Display screen resolution	640*480
Thermal sensitivity	0.07°C
Temperature measurement range	-20°C to 450°C (-4°F to 842°F)
Measurement accuracy	±2% digital / ±2°C
Emissivity	Adjustable from 0.01 to 1.0
Frame rate of thermal images	9 Hz
Wavelength coverage	8 - 14um
Focus mode	Fixed
Color palette	Rainbow, iron oxide red, cold color, black & white, white & black
View option	The integration of thermal image with 25% step length and visible image.
Storage medium	Built-in 3G (above 20,000 image stored)
File format	JPG
USB	Micro USB 2.0
Power supply	Built-in chargeable 26650 battery
Automatic power-off time	Selectable : 5 minutes / 20 minutes / not power off automatically
Dimension (LxWxH)	97mm × 129mm × 256mm
Work temperature	0°C to 45°C
Storage temperature	-20°C to 60°C
Relative humidity	< 85% RH



STANDARD INCLUSIONS

- Basic Instrument with Carrying Case
- Traceable Calibration Certificate
- Rechargeable Battery with External Charger
- Instruction Manual

OPTIONAL (ADD-ON) ITEMS

- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



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**AN ISO 9001:2015
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