

Thermal Imaging Camera

Handheld/Portable

TIC 45

SALIENT FEATURES

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

SPECIFICATIONS

Display Screen	3.5" full angle TFT display screen
Infrared Image Resolution	256 x 192
Visible Image Resolution	300,000 pixels
Field angle	56° x 42°
Display screen resolution	640*480
Thermal sensitivity	0.07°C
Temperature measurement range	-20°C to 550°C (-4°F to 1022°F)
Measurement accuracy	-15°C to 550°C ±2°C or ±2%; -20°C to 4°C
Emissivity	Adjustable from 0.01 to 1.00
Frame rate of thermal images	25 Hz
Wavelength coverage	8 - 14um
Focus mode	Fixed
Color palette	Rainbow, Iron, Cold Color, Black Hot, White Hot
Focal Length	3.2 mm
NETD	≤50mK @25°C, @F/1.0
Storage medium	Built-in 8G (Actually available 6.6G)
File format	JPG/MP4
USB	Type-C USB
Power supply	Built-in chargeable 26650 battery (Detachable)
Working Time	≥4 Hours
Setting Command	Unit Language Date Time Information
Language	English Chinese Italian German
Automatic power-off time	Selectable : 5 minutes / 20 minutes / not power off automatically
Product Size	255.4mm × 122.1mm × 97.2mm
Product Weight	588g
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



Since 1972

NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED**AN ISO 9001:2015 CERTIFIED COMPANY**

170/1a2, Chennai Bangalore Highway Road, Sembarambakkam, Chennai – 600 123. INDIA.

Phone - Domestic Sales
Phone - Export Sales

044-6677 7024, 044-6677 7005
+91-44-6677 7025.

Email : mktgchennai@nagman.com
Email : exports@nagman.com

www.nagman.com