

KT-145 v11

Indeks: WMXXKT145V11

Thermal Imager

Description

Sonel KT series is an efficient, budget-friendly and professional infrared camera.
This robust and very handy high-tech system thanks to its intuitively learnable handling and user-friendly single hand operation, which makes in an ideal tool for troubleshooting electrical installations, mechanical components, buildings, process equipment, HVAC/R equipment and others.

Features and benefits of Sonel KT:

- Friendly UI, easy to use without training,
- Affordable as entry level diagnostic tool,
- Removable large capacity Li-ion battery,
- 4 hour working time,
- 3,5'' large screen with no image cropping, high brightness screen to show image with no detailed information lost even

outdoor or in highlight,
- Rugged and compact design, metal internal structure,
- Standard Micro USB interface for data transmission and charging,
- Wi-Fi connection (Optional).

Applications:

- Electric inspection and diagnosis,
- Building inspection and diagnosis,
- Mechanical equipment maintenance,
- Manufacturing process service,
- Petrochemical industry maintenance.

Technical Specification

SPECIFICATIONS KT-145	
Lens	11 mm
Detector type	≤160 x 120
Spectral range	8...14 μm
Focus	Manual
Focal length / FOV	**11 mm / 15,5°X 20.6°**
Thermal sensitivity	< 0.08°C @30°C
Digital zoom	x2
Palette	4
Interface	micro USB
Display specifications	
Display	Hi-brightness LCD 3.5'' LCD (resolution 320 x 240 px)

	Triple brightness adjustable
Frame	50 Hz
Temperature measurement parameters	
Accuracy	±2°C or ±2@
Temp. range	**-20°C...+350°C**
Measurement parameter calibration	Emissivity adjustable (0.01-1.00) Ambient temperature Distance Humidity
Measurement functions	
Point	Center point temperature
Max	Area auto tracking
Min	Area auto tracking
Alarm	Area max. temperature Area min. temperature
Format file / storage	JPG / removable SD memory card
Power system	
Battery type	3,7 V 4200 mAh Li-Ion
Charging system	In camera charging or external battery charger (option)
Power adapter	110/230 VAC,50/60 Hz
Battery operating	up to 4 hours

time	
Other technical data	
Enclosure protection	IP43
Dimensions	103 mm x 98 mm x 258 mm
Weight	755 g
Operating temperature	-10°C...50°C
Storage temperature	-20°C...60°C
Humidity	10% to 95 without condensation
Shock	25G, IEC 68-2-29
Vibration	2G, IEC 68-2-6