



UTi165A+

THERMAL IMAGER

Advantages of thermal imager detection:

1. Intuitive, efficient and convenient, making users directly "see" the temperature variation.
2. Thermal condition of different locations for comprehensive analysis, providing more information for judgment.
3. Avoiding judgment errors, reducing labor costs, and discovering poor heat dissipation and hidden trouble points.
4. PC software for data analysis and report output.



Technical Specifications

IR resolution (Pixels)	160×120
Display	2.8" TFT LCD (320×240)
Field of view(FOV)	56°×42°
Thermal sensitivity(NETD)	≤50mK
Spatial resolution(IFOV)	6.1mrad
Frame rate	≤9Hz
Focus	Focus free
Temperature measurement range	-10°C~400°C (14°F~752°F)
Accuracy	±2°C or ±2% whichever is greater

Functions

Image modes	Thermal, Visual image, Fusion
On screen analyzer	3 Points
Hi/Lo temperature alarm	√(LED flashlight, Icon animation)
LED lighting	√
PC software	Real-time image transmission, Photo download & analysis

General Characteristics

USB	USB Type-C
Battery	Fixed Li-ion battery (3.6V 5000mAh)
Battery operating time	≥7 hours
Storage	32GB SD card
IP rating	IP65
Drop proof	2m
Certificates	CE, FCC, RoHS