

UNI-T®

UTi80 Thermal Imager



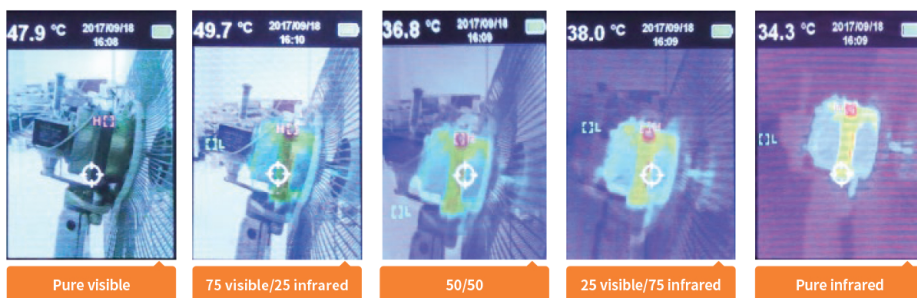
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Traditional infrared thermometers can only measure single temperature points. UTi80 thermal imager can detect temperature variations of an area through a 2.4-inch LCD display. UTi80's dual lasers can quickly lock in measurement area and display target temperature. The standard package also includes an 8GB Micro SD card for image and temperature data storage. UTi80's image blending feature is able to combine infrared and normal camera images together, allowing in-depth display for areas of interest.

- High/Low temperature alarm
- Rechargeable Li-ion battery (via micro USB interface)
- Auto power off

Image Blending



SPECIFICATIONS

	Range
Temperature range	-30°C~400°C
Basic accuracy	±2°C/±2%
D:S ratio	20:1
Response time	250ms
IR resolution	4800 pixels (80x60)
Pixel size	17μm
Image modes	Thermal, thermal blending, digital camera
Palettes	Iron, rainbow, grey
Blending setup	0% (Pure infrared), 25%, 50%, 75%, 100% (Pure visible)
Spectral range	8~14μm
FOV	51° horizontal
IFOV	11mrad
NETD	50mK
Image frequency	≤9Hz
Saved image format	BMP
Visible light camera	2 megapixels
Display	2.4-inches TFT LCD
Display resolution	320 x 240 pixels

GENERAL CHARACTERISTICS

Power	Li-ion battery: 3.7V 2600mAh
Product color	Red and grey
Product net weight	0.37kg
Product size	205mm x 124 mm x 65mm
Standard accessories	Carrying bag, micro USB cable, micro SD card
Standard individual packing	Blister, gift box, English manual
Standard quantity per carton	10pcs
Standard carton measurement	660mm x 600mm x 220mm
Standard carton gross weight	8.6kg

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