

IRTC400 Thermal Imager

120 x 90 (10,800 pixels) with ≤ 60 mk Thermal Sensitivity (NETD)

Features:

- 2.4" (61mm) focus-free, color TFT display with 320 x 240 resolution
- Center spot and high/low temperature tracking on image
- Audible and visual user programmable high/low temperature alarms
- 4-button easy-to-use menu
- Real time clock/calendar
- Image gallery
- Built-in LED worklight
- Auto power off with disable
- USB interface for transferring images (.bmp) and recharging
- Includes 3.7V rechargeable Lithium Ion battery, USB cable, software, and 32G microSD card

Applications:

For preventative maintenance and troubleshooting of electrical and HVAC systems, mechanical breakdowns, water leaks and moisture buildup, heat loss from missing insulation and faulty windows/doors, automotive repair, and other places to find leaks and hot spots

Specifications

Temperature Range	-4 to 752°F (-20 to 400°C)
IR Resolution	120 x 90 (10,800 pixels)
Thermal Sensitivity/NETD	≤ 60 mk
Basic Accuracy	$\pm 2\%$ or $\pm 2^\circ\text{C}$
Response Time	150ms
FOV	50° x 38°
Minimum Focus Distance	4" (0.1m) Focus-Free
Image Frequency	25Hz
Spectral Response	8-14 μm
Emissivity	Adjustable 0.1 to 1.0
Screen Size	2.4" (61mm) TFT
Display Resolution	320 x 240 pixels
Viewing Angle	80°
Color Display Palettes	Ironbow, Rainbow, White-Hot, Black-Hot, Rainbow HC, Lava
Image Storage	32GB SD Card (BMP format)
Image Gallery	Yes
PC Interface	USB
Power	Rechargeable 3.7V Lithium Ion
Dimensions	7.8 x 2.8 x 2.4" (197 x 72 x 60mm)
Weight	11oz (310g)

Ordering Information:

IRTC400 Thermal Imager
10-4295 Pouch Case

