IRTC800 *Thermal Imager with 3.5" (89mm) Touchscreen*

Hot and cold temperature markers quickly indicate where potential issues are located

Features:

- Infrared/Visible Light/Picture in Picture/Fusion display modes
- 320 x 240 pixels (76,800) with ≤65mk Thermal Sensitivity (NETD)
- 3.5" (89mm) focus-free, color touchscreen display with 640 x 480 resolution
- 5 manual spots, 3 rectangles, 3 circles, 1 line analyze, and auto hot/cold temperature markers
- Manual fusion (0 to 100%) controls the mix ratio between the infrared and visible image
- Easy-to-use menu in 5 languages (English, Spanish, French, German, Russian)
- Real time clock/calendar
- On-screen picture gallery for viewing images
- Automatic power shutdown (with disable) conserves battery life
- USB interface for transferring images (jpg) or live stream viewing on your PC
- Includes rechargeable Lithium Ion battery, SD card, and USB cable

Specifications

Temperature Range	-40 to 752°F (-40 to 400°C)
IR Resolution	320 x 240 pixels (76,800)
Thermal Sensitivity/NETD	≤65mk
Basic Accuracy	±2% or ±2°C (3.6°F)
FOV	56° x 42°
Minimum Focus Distance	11.8" (0.3m) Focus-free
Image Frequency	9Hz
Spectral Response	8-14µm
Emissivity	Adjustable 0.01 to 1.0
Visible Light Resolution	2MP (1600 x 1200)
Image Display Mode	Infrared/Visible Light/PIP/Fusion
Screen Size	3.5" (89mm) Color Touchscreen
Display Resolution	640 x 480 pixels
Color Display Palettes	Iron, Rainbow HC, Rainbow, Lava, White Hot, Red Hot, Black Hot
Isotherm	Auto, Ratio, Below, Above, Section, Manual
Digital Zoom	2X, 4X
Image Storage	(32GB) JPG
Image Gallery	Yes
PC Interface	Wireless/SD Card/USB
Power	Rechargeable Lithium Ion
Dimensions / Weight	10.2 x 3.8 x 3.9" (260 x 97 x 99mm) / 1.4lbs (300g)

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

Ordering Information:

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✓RoHS   CE

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850 Perimeter Road • Manchester, NH • (603) 669-6400 • info@triplett.com