

## Handheld Thermal Imaging Camera



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

This thermal imager is designed for non-contact detection and calculation of apparent surface temperature. The thermal image creation is based on the temperature variation.

Provides fast and accurate readings for most surface temperature measurements with a TFT colour LCD display & Imager Video format.

Built for tough work environments, this high-performance, fully radiometric imager is ideal for troubleshooting electrical systems, electro-mechanical equipment, process equipment, HVAC/R equipment and others.

### Features

With a compact design, the product is easy to operate and accurate. It is ideal for applications involving electric power, electronic manufacturing, Industrial inspection and others.

With a visible light camera, the thermal images and visible images are stored in the device and can be read through a USB connection.

The radiation coefficient may be adjusted to increase the measurement accuracy of objects with half reflection surface.

The highest temperature and lowest temperature cursor guides the users to the areas with the highest and lowest temperatures of the thermal images.

User selectable colour palette.

Video recording function.

Analysis software.

### Specifications

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Product Code	XE-4152-001
Model	WT-3090
General Description	Thermal Imaging Camera
Accuracy	+/-12% -15°C to 550°C
Resolution	120x90
Wavelength Range	8-14 um
Thermal Imaging Sensitivity	<= 40mK (@25°C, F#1.0)

Display Type	2.8" full-angle TFT screen
Display Resolution	300,000 pixel
Storage Card	Built-in 8GB (available storage is approx 6.62 GB)
Temperature Range	-20°C to 550°C (-4°F to 1022°F)
Operating Temperature	-20°C to 50°C
Weight	0.5 KG
Power Consumption	2-3 hours operating time
Power Supply	Built in rechargeable 18650 battery