

# Product data sheet

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## THERMAL IMAGER VISUAL INFRARED THERMOMETER

Visual infrared thermometer with hot and cold spot temperature markers to guide user to the hottest and coldest area in the infrared heat map. Functions include image capture and SD storage card, USB edge PC for picture reading, selectable colour palettes. Supplied complete with Factory Certificate of Calibration

### Applications:

- Power industry
- Fire safety
- Automotive testing
- Building energy saving
- Scientific research and development
- Industrial testing
- Petrochemical
- Aerospace
- Transportation
- Agricultural ecology.

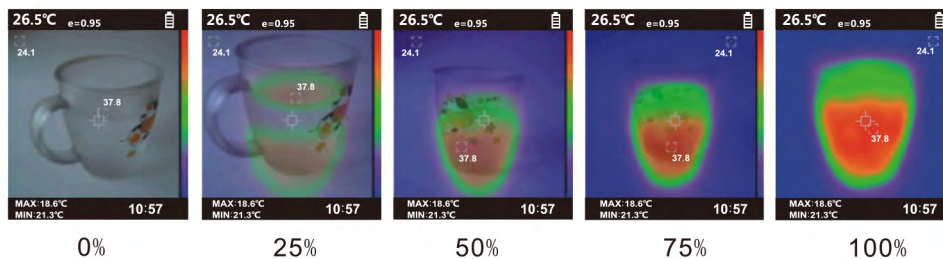
### Product features:

- TFT colour LCD display
- Hot and cold spot temperature markers to guide user to the hottest and coldest area in the infrared heat map
- Visual and heat map image alignment edge detection line
- Adjustable emissivity from 0.1 to 1.0
- Image capture and SD storage card
- USB edge PC for picture reading
- Selectable colour palettes
- Supplied with 3 point factory certificate of calibration and presented in protective box

View options: 25% step length, full infrared vision to fill visible light visual and infrared

mising. Edge detection line.

USB: To read SD card (after connecting to PC, SD card exists in the form of mobile U disk).



Description	Barcode	Product No
Thermal Imager Visual Infrared Thermometer	5 011405 387097	38/709/0

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## Product specifications:

<b>IR temperature range:</b>	-20 to +300°C (-4 to +572°F)
<b>IR image resolution:</b>	60 x 60 (3600 pixels)
<b>Display resolution:</b>	240 x 320 pixels
<b>Visual image resolution:</b>	300,000 pixels
<b>Field of view:</b>	20 x 20
<b>Accuracy*:</b>	+/- 2%
<b>Best focus distance:</b>	0.5m
<b>Thermal sensitivity:</b>	0.15°C
<b>Emissivity:</b>	Adjustable 0.1 to 1.0
<b>Spectral range:</b>	8-14um
<b>Palette:</b>	Ink colour, black and white, rainbow colour
<b>Image frequency:</b>	6HZ
<b>Focus mode:</b>	Fixed
<b>Storage:</b>	SD card
<b>File format:</b>	BMP
<b>Auto power off:</b>	3, 5 or 10 minutes optional
<b>Batteries:</b>	4pcs x AA (included)
<b>Operating conditions:</b>	-5 to 40°C / 10 to 80%RH
<b>Storage conditions:</b>	-20 to 50°C / 10 to 80%RH
<b>CE &amp; RoHS/WEEE:</b>	Compliant
<b>Hazard information (SDS):</b>	See <a href="http://brannan.co.uk">brannan.co.uk</a> for information
<b>LCD dimensions:</b>	50 x 38mm
<b>Product dimensions:</b>	Net: 88 x 223 x 65mm Gross: 133 x 252 x 92mm
<b>Product weights:</b>	Net: 350g (including batteries) Protective case & accessories: 191.5g Box, instructions & certificate: 320g Gross: 862.5g

\*Accuracy is measured in an environment of 18-28°C

## Accessories:

- User manual
- Protective case
- SD card & card reader
- USB cable
- 4pc x AA lithium batteries



CE UK  
CA

Measurement for life.

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