Product data sheet

Measurement for life.

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
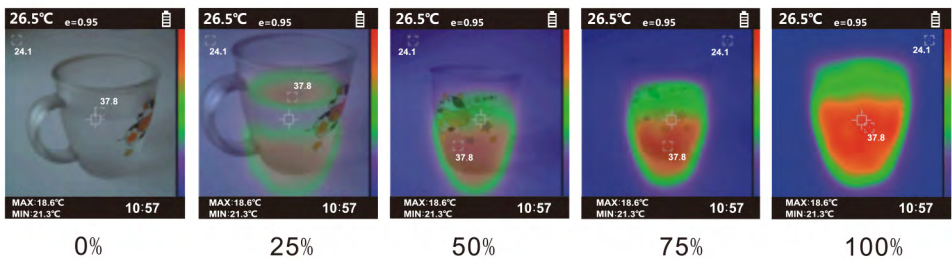
Applications:

- Power industry
- Fire safety
- Automotive testing
- Building energy saving
- Scientific research and development
- Industrial testing
- Petrochemical
- Aerospace
- Transporation
- 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 Factory Certificate of Calibraton 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).

| 0% | 25% | 50% | 75% | 100% |

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

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Product specifications:

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