

Brannan Product Data Sheet

PDS0302.20.REV1

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.

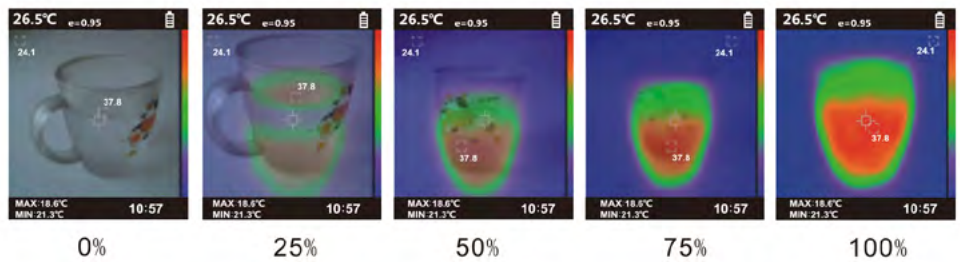
Product Features:

- TFT colour LCD display
- Adjustable emissivity and reflected background compensation to improve accuracy on semi-reflective surface
- 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 Calibration and presented in protective box

View options: 25% step length, full infrared vision to fill visible light visual and infrared missing. Edge detection line.
 USB: To read SD card (after connecting to PC, SD card exists in the form of mobile U disk).

Accessories:

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



Description	Barcode	Product No
Thermal Imager Visual Infrared Thermometer	5 011405 387080	38/708/0



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Thermal Imager Visual Infrared Thermometer (continued)

Product Specifications:

IR Temperature Range:	-20 to +380°C (-4 to +716°F)
IR Image Resolution:	33 x 33 (1089 pixels)
Display Resolution:	240 x 320 pixels
Visual Image Resolution:	300000 pixels
Field Angle:	32 x 32 degrees
Accuracy*:	>0°C, +/- 2% or rdg +/-2°C/3.6°F <0°C, +/- 3°C/5.4°F
Best Focus Distance:	0.5m
Thermal Sensitivity:	0.15°C/0.27°F
Emissivity:	Adjustable 0.1 to 1.0
Spectral Range:	8-14um
Palette:	Ink colour, black and white, rainbow colour, ocean blue, iron red
Image Frequency:	9HZ
Focus Mode:	Fixed
Storage:	8GB micro SD card
File Format:	BMP
Auto Power Off:	3, 5 or 10 minutes are optional
Batteries:	4pcs x AA (included)
Over-range indication:	Over
Operating Conditions:	-5 to 40°C / 10 to 80%RH
Storage Conditions:	-20 to 55°C / 10 to 80%RH
CE & RoHS/WEEE:	Compliant
Hazard Information (SDS):	See www.brannan.co.uk for information
LCD Dimensions:	48 x 36mm
Product Dimensions:	Packaged: 133 x 251 x 90mm Unpackaged: 193 x 92 x 56mm
Product Gross Weight:	Packaged: 823g
Component Weights:	Meter: 288.5g Protective case & accessories: 223.5g Box: 311g



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

