



Product Data Sheet

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Thermal Imager Visual Infrared Thermometer



Applications:

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

Product Features:

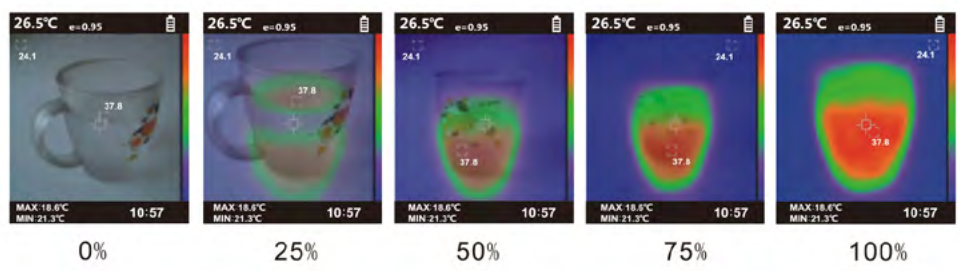
- TFT colour LCD display
- Adjustable emissivity and reflected background compensation to improve accuracy on semi-reflective surface
- Hot and cold spot temperature markers to guide user to the hottest and coldest area in the infrared heat map
- Visual and heat map image alignment edge detection line
- Adjustable emissivity from 0.1 to 1.0
- Image capture and SD storage card
- USB edge PC for picture reading
- Selectable colour palettes
- Supplied 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





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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
- 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

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

