

Product data sheet

1992 N-1

EAN-No. 4000896263523



L x W x H: 117 mm x 59 mm x 196 mm



Application:

Building diagnostics · electrical installation · sanitary · air-conditioning and heating technology and inspection of engine compartment · brake system · cooling and heating system

- Automatic hot, cold and central point measurement
- Focus IR (infrared) for improved resolution and quality
- **Temperature:**
 - Measuring range: -20° C to 550° C
 - Accuracy up to $\pm 2^{\circ}$ C ($\pm 3.6^{\circ}$ F) or ± 2 % of the measuring value
- Measuring range: adjustable distance 0.1 – 50 m
- Thermal (or IR) resolution: 160 x 120 pixels
- Additional camera for creating visual images (640 x 480 pixels)
- Save visual and thermal images simultaneously
- 50° angle lens
- 6 colour palettes for optimum diagnostics:
 - Black Hot
 - White Hot
 - Rainbow
 - Ironbow
 - Fusion
 - Red
- Laser pointer to localise the measuring points
- **Screen:**
 - Diagonal: 2.4 inch LCD screen
 - Resolution: 320 x 240 pixels
 - Refresh rate: 25 Hz
- **Rechargeable battery:**
 - Runtime: up to 8 hours
 - Continuous operation of the camera for up to 8 hours (using the automatic shut-off (2 · 10 · 20 · min))
 - Integrated rechargeable battery: 3350 mAh
 - Charging time: 3 hours (with 5 Volt 2 Ampere charger)
- Image sensor: Vanadium oxide uncooled focal plane arrays (FPA)
- Operating humidity maximum: 95 %

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- Operating height max: 2000 metres above sea level
- Integrated 4 GB flash memory (up to 18000 images)
- Field of view: 50° x 50°
- IR resolution 96 x 96 NETD > 50 mK (@25° C, F#=1.0)
- Frame threaded nipple: UNC 1/4 inch-20
- Hand strap
- Dimensions: 117 mm x 59 mm x 196 mm
- Net weight: 0.29 kg
- Operating temperature range: -10°C – 50°C

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