

Your measurement solutions



9832

High Resolution Thermal Camera

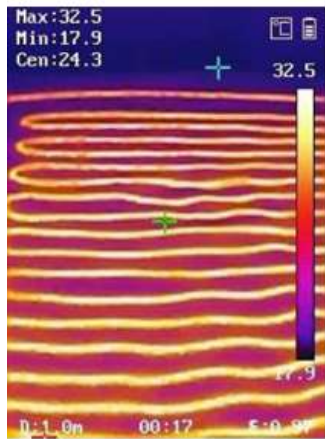


Overview

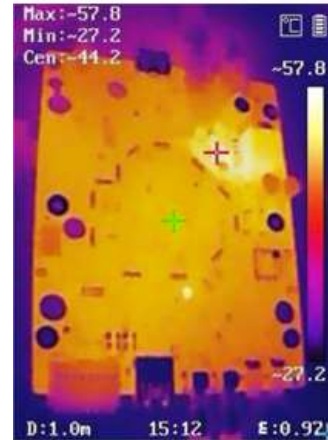
- Thermal resolution **256 x 192 (49 152 pixels)**
- Optical resolution **2 MP**
- NETD < **40mK**
- Temperature range **-20°C à 550°C**
- Measurements : central spot, hot spot, cold spot, user presets
- Frame rate **25 Hz**
- LCD screen **3.2 "**
- **16 Go** built-in memory
- Torchlight
- Temperature auto-range
- PC software and mobile application



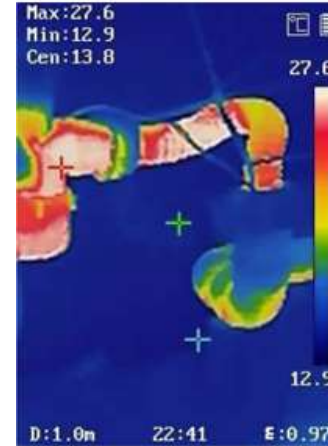
Applications



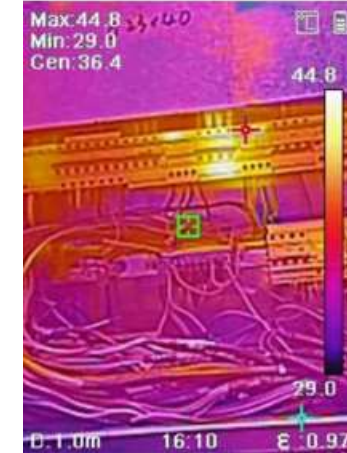
Floor heating
system verification



Printed circuits
verification

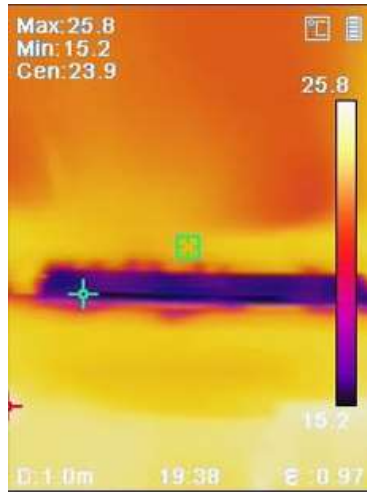


Hot water line
verification

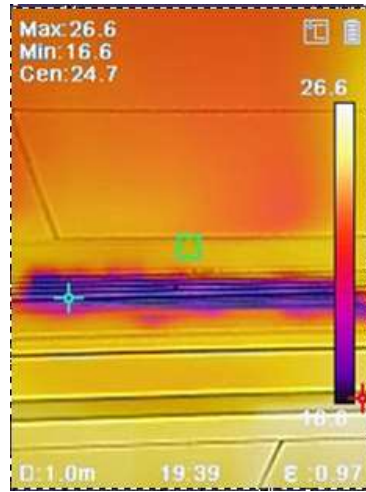


Electrical inspections

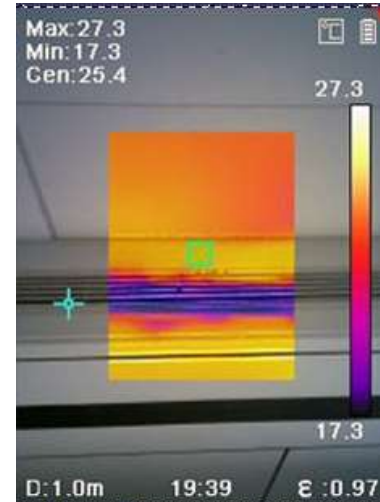
Images modes



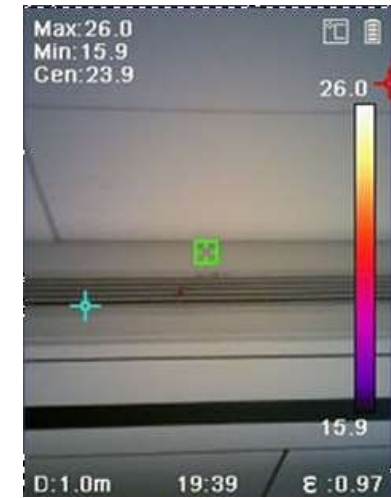
Thermal



Fusion



PIP



Optical

Temperature measurements

At first sight, check the maximum and minimum and central spot temperature.

Hot spot



Cold spot

Center spot

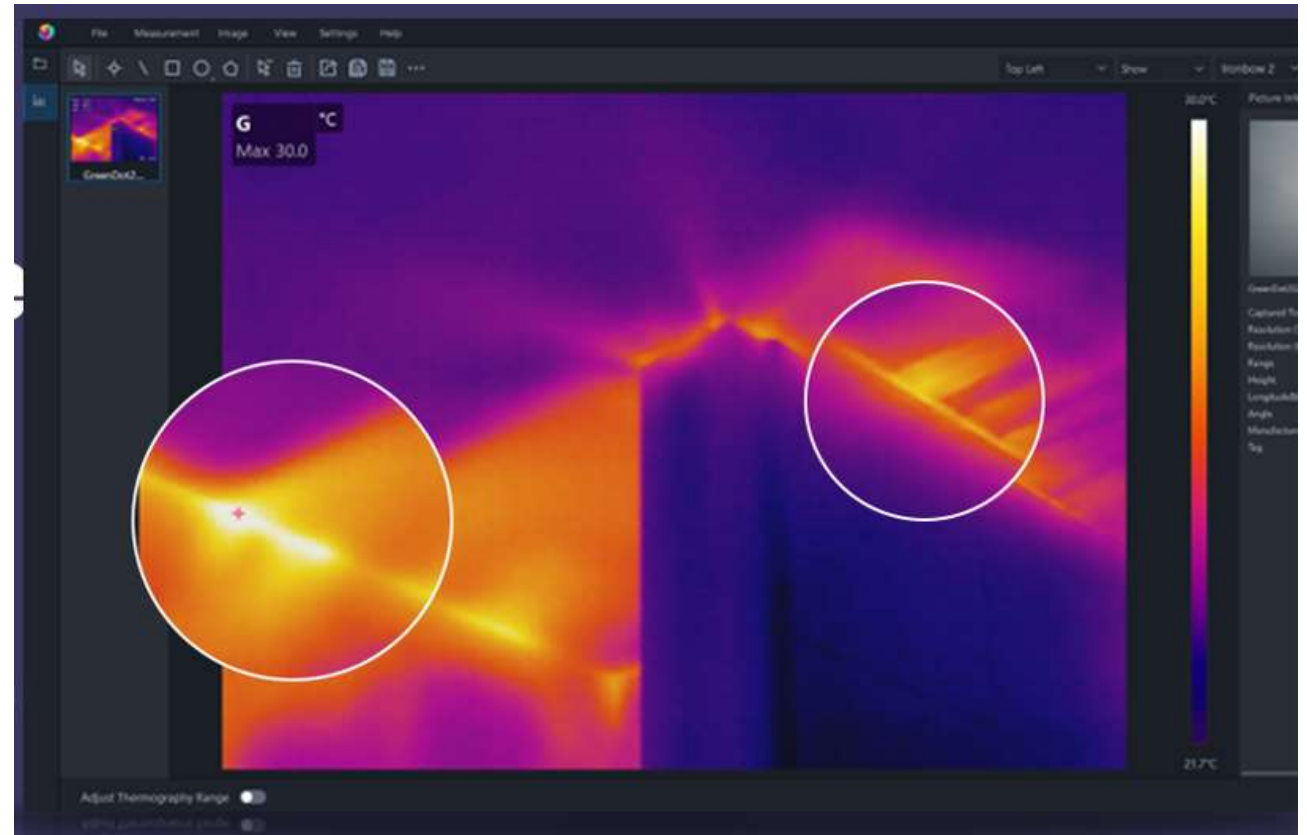
High temperature alarm

Built-in speaker and flash light give the operator audio and visual alerts to high temperatures.



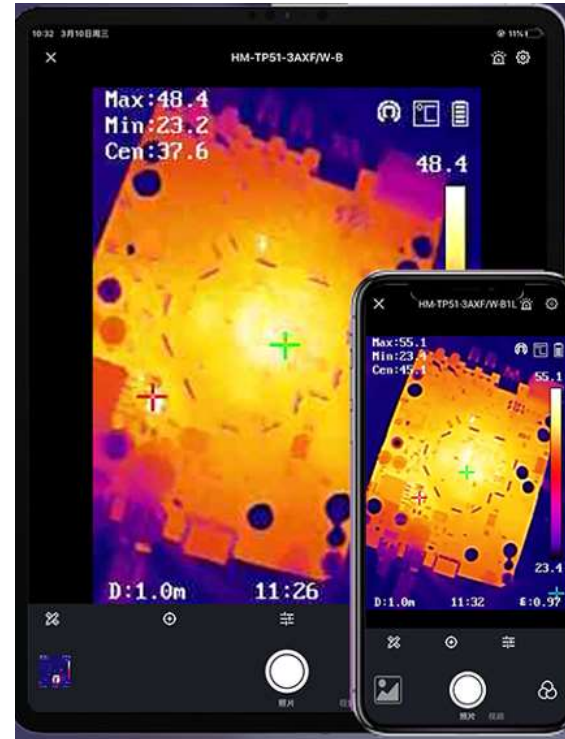
PC software

Sefram Thermal Analyser software offers flexible ways (points, lines, rectangles, circles, polygons) to analyse thermographic information of captured pictures, and generate reports.



Mobile application

Connect to mobile device via built-in Wi-Fi and the Sefram Thermal Viewer app to quickly share your images.



Comparative table

Model	SEFRAM 9832	FLIR TG267	Fluke TiS20+	InfiRay C200 Pro
Image				
Thermal Resolution	256 x 192	160 x 120	120 x 90	256 x 192
Temperature Range	-20 °C to 550 °C (-4 °F to 1022 °F)	-25°C to 380°C (-13°F to 716°F)	-20 °C to 150 °C (-4°F to 302°F)	-20 °C to 550 °C (-4 °F to 1022 °F)
Accuracy	Max (±2 °C, ±2%)	to ±3°C (±5.4°F) for -25°C to 50°C	°C or ± 2 % at 25 °C, whichever is	Max (±2 °C, ±2%)
Field of View	37.2° x 50.0°	57 ° x 44°	50° H x 38° V	56° x 42°
Focus	Fixed	Fixed	Fixed	Focus free
Frame Rate	25Hz	8.7Hz	30 Hz or 9 Hz versions	20 Hz
NETD	< 40mK	<70 mK	60 mK	< 40mK
Display	3.2" LCD Screen	320 x 240 pixel, 2.4 in color LCD	240 3.5" LCD touchscreen (landscape)	2.8 LCD (320x240)
Measurement Rules	Max/Min/Center/preset points	Center Point	Max/Min/Center	Max/Min/Center/preset points
Optical Camera	1600 x 1200 (2 MP)	2 MP (1600 x 1200 pixels)	5MP resolution	2 MP
Wifi	Yes	No	Yes	No
High Temperature Alarm	Yes	No	No	Yes
Battery Operating Time	6 hours operating time	5 hours operating time	≥ 5 hours continuous	15h
Price	695,00 €	538,80 €	1 798,80 €	approx. 700 €
SEFRAM 9832 Advantage	1. Faster image frequency (25 Hz) 2. Better image quality (NETD 40 mK) 3. Longer battery operating time (6 hours) 4. Wi-Fi remote control. 5. High temperature alarm. 6. 3-year coverage on the camera and 10-year coverage for the detector 7. Better Price			

SEFRAM

32, rue E. Martel – BP55
F42009 – Saint-Etienne Cedex 2
France

Phone : **0033 4 77 59 01 01**

Website : www.sefram.com

E-mail : sales@sefram.com



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