

Handheld Thermal Camera

CE -20°C ~ +550°C

ThermEye 256

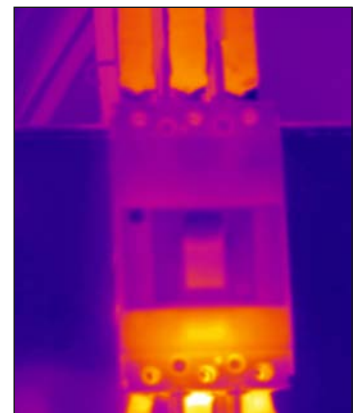
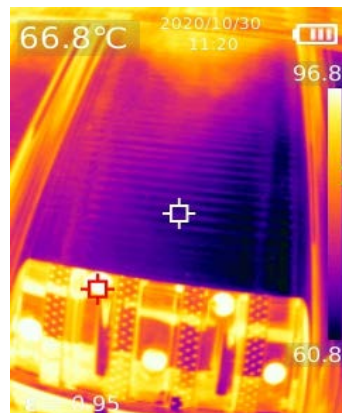
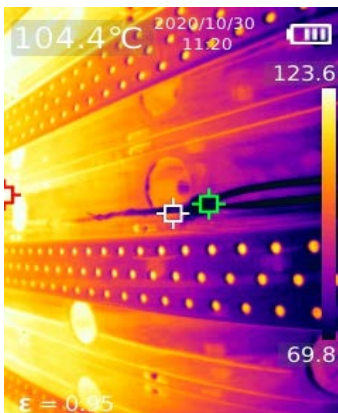
ThermEye 256 has a detector resolution nearly 50000 pixels. It has a temperature range -20°C to +550°C for wide range of applications. Infrared visible image fusion, 7 color Palette, 11h working time, IP54 protection grade and two meter drop proof. ThermEye256 is suitable for a wide range of application such as electrical inspection, machinery / equipment maintenance, building diagnostic and many more applications. It is easy to use, professional and efficient.

Features

- 256 x 192 resolution
- 11h Ultra long Battery
- Thermal Imaging / Thermal Fusion / Picture in Picture / Visible Image Mode
- Wide temperature range -20°C ~+550°C.
- Built-in high performance 12 μ mVOx detector core, providing more delicate images.
- Auto tracking of highest /lowest temperature point
- 5 buttons easy operation, pick & scan
- Durable & rugged in use

Applications

- Power Industry
- Iron Industry
- Petroleum & Chemical Industry
- Building Industry



Technical Specifications

Model	ThermEye 256
Detector Type	Uncooled Micro bolometer detector
Resolution	256 x 192
Spectral Band	7.5 ~ 14 μ m
Pixel Pitch	12 μ m
NETD	<50mK
Frame Rate	25Hz
Digital Camera	2 MP
FOV	56° x 42.2°
IFOV	3.8 mrad
Focus	Focus free
Measuring Range	-20°C ~ +550°C
Temperature Measurement Accuracy	\pm 2°C or \pm 2% of the reading (the large one shall prevail)
Temperature Measurement Resolution	0.1°C
Measurement Tool	Center spot measurement / Hotspot and cold spot tracing
Image Mode	IR, Fusion, PIP & Visual Mode
Palette	7
Temperature Alarm	High temperature/ Low temperature alarm
Secondary Analysis	Provide PC analysis software for secondary analysis of data
Screen Size	2.8" LCD display pixels 320 x 240
Lighting	LED fill-in light
Storage	Standard 16GB SD card, Expandable
Tripod Support	Yes
Operation Time	11h, @25°C Indoor
Charging Time	About 4h, @25°C Indoor
Operating Temperature	-10°C ~+50°C
Storage Temperature	-20°C ~+60°C
Operating Humidity	Relative humidity 10% ~ 95%, non-condensing
Drop Protection	2meters
IP Encapsulation	IP54
Dimensions	237 x 75 x 92 mm

Specifications are subject to change



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