Handheld Thermal Camera

CE **-20°C ~ +550°C**

ThermEye 384M

ThermEye 384M Handheld Thermal Camera is high-resolution and manually focused. It is provided with a built-in self-developed 12μm high-performance 384×288 infrared detector and a 5,000,000-pixel visible light camera of 35 mK thermal sensitivity and 25 Hz high frame rate. With its accurate manual focusing function, it can save focusing time and provide accurate data and clear images to meet the requirements of research and analysis work. With its excellent characteristics, ThermEye 384M Handheld Thermal Camera is the right-hand assistant for engineers in scientific research, professional equipment, and building inspection.
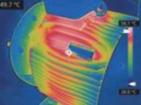
Features

- Real 320,000 real-time infrared temperature measurement points + 5,000,000-pixel visible light resolution.
- High resolution, high frame rate, high accuracy, wide range, all in ThermEye 384M.
- USB plug and analyze, support full-frame real-time transmission and analysis of temperature information.
- Three-point temperature display, custom point/line/area temperature measurement.
- Complete analysis data on PC, easy to operate the APP.
- Built-in 5 image modes+7 color palettes.
- Support full-frame high/low temperature alarm and timed photographing.
- Solid and durable, IP54 + 2m-drop protection.

Applications

- Power maintenance
- Equipment maintenance
- Circuit design
- Vehicle maintenance
- HVAC maintenance

Model	ThermEye 384M
Detector Type	Vox uncooled infrared FPA detector
Detector Resolution	384×288
Spectral Band	7.5 ~ 14 μm
Pixel Pitch	12 μm
NETD	<35mK
IFOV	1.98mrad
Frame Rate	25Hz
Focusing Mode	Manual focusing
FOV	43.7°x31.9°
Measuring Range	-20°C～+550°C
Temperature Measurement Accuracy	±2°C or ±2% of the reading (the larger one shall prevail)
Temperature Measurement Resolution	0.1°C
Measurement Tools	Central spot measurement/Hot and cold spot tracing
Image Modes	IR, Visible, PIP, Fuse
Palette	7
Temperature Alarm	Full frame high/low temperature alarm
Alarm Mode	Support image alarm
Secondary Analysis	Equipped with PC and app analysis software for secondary analysis
WiFi	Support WiFi data transmission
Screen Size	3.5" LCD (640×480) touch screen
Laser	Laser pointer
Storage	Standard 32GB SD card
Tripod Support	Yes, at the bottom of the handle
Operating Time	4h, @25°C indoor
Charging Time	About 3h, @25°C indoor
Weight	670g
Dimension	256.4×105.1×105.3mm
Operating Temperature	-10°C~+50°C
Storage Temperature	-20°C~+60°C
Operating Humidity	Relative humidity 10%~95%, non-condensing
Drop Protection	2m
IP Encapsulation	IP54

Specification are subject to change