K-384 Handheld Thermal Imaging Camera

KGT®
Instruments & Equipment

Description

The K-384 has a built-in VOx infrared detector chip with up to 110,000 pixels and optimized circuitry.Matrix III intelligent image processing algorithm, and patented temperature measurement algorithm to provide clearer temperature image, more accurate and stable temperature measurement data; It is also equipped with intelligent touch screen,Manual adjustment Focus lens, dual light, a variety of analysis functions to ensure accurate test results, analysis, diagnosis processing efficient processing.
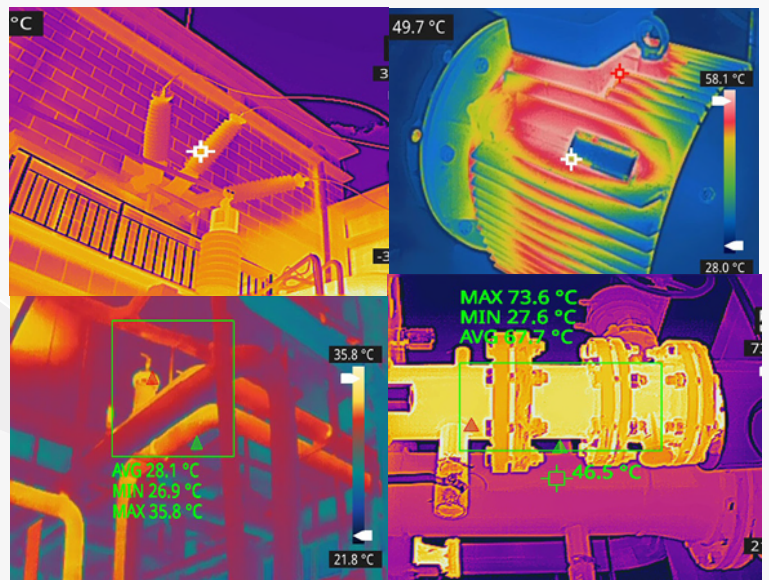
Features

■ Manual focusing. Through manual precision focusing, it can distinguish small targets of 1mm (0.1m away from the observation target).

■ The custom point / line / region temperature analysis, and the temperature measurement range reaches-20℃ ~ + 550℃.

■ Powerful image fusion function, with 500w visible light camera to provide more rich and comprehensive information, easier to observe under complex conditions.

■ Wi-Fi transmission, connect to mobile phone APP, analyze and share temperature pictures and temperature measurement data at any time.

■ Intelligent PC analysis software, which can reset the measurement Settings and generate the detection report with one key, to facilitate data sorting and analysis.

■ 3.5-inch LCD capacitive touch screen, battery quick disassembly design, support tripod fixed use and handheld mobile use.

■ Laser indication, quick positioning and measuring target; intelligent alarm at high and low temperature, and support custom alarm temperature.

Applications

■ Electrical equipment maintenance

■ Research and development

■ Automotive overhaul

■ HVAC maintenance

■ Industrial temperature measurement

只为给你更好的测试体验，只为让我们成为更好的自己!

Keep Greater Testing, Keep Greater Together!

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SPECIFICATIONS	
Detector Type	Vanadium oxide uncooled infrared focal plane detector
Detector Resolution	384*288
Response Band	8~14μm
Image Element Size	12μm
NETD	35mK
IFOV	1.98mrad
Frame Rate	25Hz
Focal Length	6.2mm
Field of View	43.7°*31.9°
Focusing Mode	Manual
Temperature Measurement Range	-20℃~550℃
Temperature measurement accuracy	+2% or +2℃（Take the larger value）

ANNEX	
Analysis Software	PC&APP
Tripod Support	Yes
Working Temperature	-10℃~+50℃
Storage Temperature	-20℃~+60℃
Relative Humidity 10%~95%	Non-Condensing
Drop	2m
Protection class	IP54(IEC 60529)
Shock and vibration	Shock25g(IEC 60068-2-27);Vibration 2.5g(IEC 60068-2-6)
Dimensions(HxWxD)	258.4*105.1*102.3mm
Weight	About 670g
Certifications	CE/FCC/RoHS2.0
Accessories	5A2A Power,Adapter,USB Cable,SD Card,Instruction
	Document,Battery Charger

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Function	
Temperature Measurement Mode	Center point / cold hot spot tracking and temperature display.
display. Customized point line and area temperature measurement	Movable point/line/area temperature measurement; support up to 8 points, 8 areas and 8 lines.
Temperature measurement unit	Celsius
Fahrenheit	Kelvin.
Emissivity Setting	0.01~1.00,step 0.01
Ambient Temperature Setting	-10℃~50℃,step 1℃
Distance Setting	1-20m,step 1m
Visible light shooting and dual light fusion	With (Thermography,Thermal Hybrid, Visible Light, Picture-in-picture iMIX) Trigger photo support electronic zoom
False Color	7
Temperature Alarm	The whole frame of the max/min temperature > threshold alarm
Color scale temperature range	Manual/Automatic
Laser Pointer	Yes
Visual Camera	500w pixels
Photo/Video Storage	Jpg image+irg temperature data; video without data
Annotation	via microphone
Language	Chinese/English.
Display Size	3.5 inch touch screen (480*640)
Feature	Sweep QR code to name the picture
Memory card	32GB MicroSD card（standard）
Battery type	Rechargeable Li-ion battery；removable
Power connector	USB TypeC
Connectivity	USB SD Wifi (connect app)
Charging time card	Approximately 3hour
Battery operating time	Approximately 4hour
Power management	Automatic Shutdown; 5 min,10 min,20 min, Off