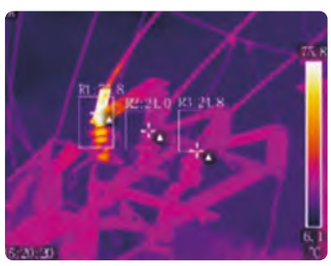
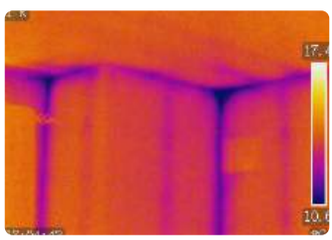
S610

Handheld Thermography Camera

- Onboard image enhancement ensures crisp and vibrant thermal images
- Expanded temperature measurement range for fast detection of hot spots and hidden anomalies in industrial environments
- Suitable for a wide range of PPM, industrial inspections, process control and failure diagnosis applications

THERMOGRAPHY CAMERAS





SPECIFICATION	
Model	S610
Detector Type	Uncooled Microbolometer
Resolution	640×480@17μm
Super Resolution	Up to 1280X960 pixels
Spectral Range	7.5 μm ~ 14 μm
Image Frequency	50Hz
NETD	≤40mk@30°C
FOV	24° × 18°
Minimum Focus Distance	30cm
Optional Lens	47° x 36.2° / 12.4° x 9.33° / 6.92° x 5.19°
IFOV	0.66mrad
Digital Zoom	1x-8x continuous zoom
Focus	Manual/Laser Automatic/Contrast Automatic
Display	
Screen	4.3" Touch display screen, resolution 800*480
Digital Camera	5-megapixel, with built-in LED lights
Image Mode	Infrared, Visible light image, PNP, Image enhancement mode(MFI), Thermal superposition image
Palette	12 Palettes (iron red, rainbow, white hot, black hot, etc)
Image Adjustment	Manual/Automatic
Measurement & Analysis	
Temperature Measurement Range	-20°C~650°C (expandable to 1500°C)
Temperature Accuracy	Temperature measurement range from 0°C to 100°C, is ±1°C; Other temperature measurement ranges is ± 2°C or ± 2%, take the maximum value
Temperature Measurement Mode	Real-time 20 movable points, lines, area temperature measurement (maximum temperature, lowest temperature capture, average temperature measurement), full-screen maximum temperature and minimum temperature capture, isothermal analysis, temperature difference measurement, temperature alarm (sound,colour)
Emissivity	Custom input and material table selection,range 0.01-1.0
Measurement Corrections	Emission rate, ambient temperature, reflection temperature, relative humidity, temperature measurement distance,and infrared window compensation
Rangefinder/Laser pointer	Distance shown on Screen
Image Storage and Transfer	
Image Storage	TF card,standard 64GB
Image Storage Mode	Infrared images and Digital Camera images are saved simultaneously
Thermal Image Format	JPEG format, 16bit Radiometric IR digital image. Radiation infrared video recording and non-radiation infrared video recording in H.264 format
Digital Camera Image Format	JPEG format, H.264 format for Digital Camera video recording
Voice	Supports 60 seconds of voice annotation, stored together with the image
Text Annotation	Preset text comments with editable text
Programmable button	2 Programmable buttons
Transfer Interfaces	Type C, TF card, Bluetooth, and WiFi, HDMI Video out put
Power supply	
Battery Type	Replaceable & Rechargeable Lithium Ion
Battery Hours	Approximately 4 hours Continuous working Time (25°C ambient temperature)
Environmental	
Working Temperature	-20°C~50°C
Storage Temperature	-40°C~70°C
Vibration	28(GB/T2423.10-2008)/IEC 60068-2-6:1995)
Shock	258(GB/T2423.5-2019)/IEC 60068-2-27:2008)
Enclosure Rating	IP54
Physical Specification	
Weight	≤880g(With a standard lens and batteries)
Dimensions	245×125×120mm
Accessories	IR thermal imager, rechargeable lithium battery * 2, Charging Dock, power adapter, USB cable, TF card, Card reader,Packing list, Calibration Certificate, User manual, 2 Years Warranty card, Carry Case

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