IRTECH

C series
Pocket thermal camera

Infrared thermal imaging professional tools

Capable
Reliable performance

C16 160×120
Amorphous Silicon Detector

C25 256×192
Vanadium Oxide Detector

Performance level
Simple yet sophisticated

IP67
2m drop resistance
Cope with a complex condition

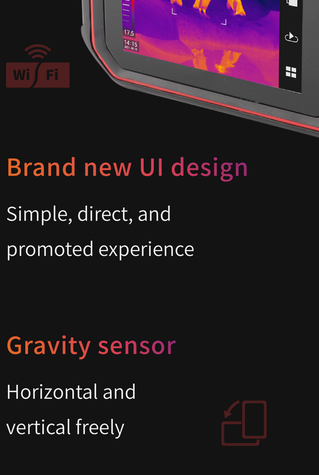
Full coverage of temperature measurement scenes

Stable temperature measurement and maintenance of electric power, construction and chemical industry

Creative

Wi-Fi function

Real-time analysis,
data upload,
collaborative detection



Brand new UI design

Simple, direct, and
promoted experience

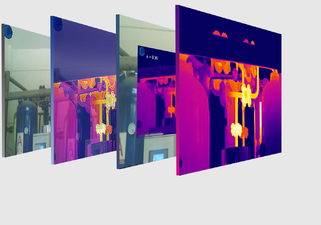
Gravity sensor

Horizontal and
vertical freely

3.5 inch
LCD touch screen

Considerate

Smooth 50Hz high frame



Professional temperature measurement

The high and low temperatures could capture real-time point temperature measurement, line temperature measurement, regional temperature measurement, and temperature alarm

Multi-mode image display

Infrared/Visible Light/
picture-in-picture/Fusion Mode
6 pseudo-color modes to
assist observation

Specifications

Items	C16	C25
Type	A-si FPA	VOx FPA
Resolution	160×120	256×192
Lens	3.85mm/F1.0	6.0mm/F1.0
Spatial resolution	4.4mrad	2.0mrad
NETD	≤0.06°C@30°C	≤0.05°C@30°C
Frame rate	50Hz	
Focal	Focus free	
Spectral range	8-14um	
LCD	3.5”TFT color LCD, touch screen	
Image display	Infrared image and visible light image can be quickly switched, and infrared image and visible light image can be picture-in-picture and fusion	
Palette	6 kinds of palettes to choose from (including iron red, rainbow, black and white, black and white reverse, etc.)	
Image Processing	Automatic/manual adjustment of contrast and brightness, automatic enhancement mode	
Measurement range	-20°C- +350°C	-20°C- +650°C
Precision	±2°C or ±2% (reading range), whichever is greater	
Temperature measurement correction	Automatic / manual	
Measurement mode	Real-time movable point, movable area (maximum temperature, minimum temperature, and average temperature measurement), line temperature measurement, temperature alarm (sound, color)	
Batteries	Rechargeable lithium battery, built-in	
Battery working time	⩾4h	
Charging type	USB charging	
Power saving mode	Automatic sleep and shutdown	
Storage	Built-in 16G	
Flashlight	Support	
Gravity sensor	Yes, the UI automatically turns the direction	
Language	Chinese, English and other languages	
Color	Red & Black	
Image format	JPEG, with infrared raw measurement data images;; MPEG4, with infrared raw measurement data images;	
Working temp.	-15°C-+50°C	
Storage temp.	-40°C~+70°C	
Humidity	≦95% (non-condensing)	
Encapsulation	IPX6	
Shock resistance	30G, IEC68-2-29	
Vibration resistance	2G, IEC68-2-6	
Anti-drop	2m	
Weight	200g	
Dimension	135mm×90mm×26mm	
Port	USB Type C, data transfer and charging	
Wifi	Yes, connecting to the Android App via WiFi, you can analyze and upload data in real time	

The above data and contents are for reference only,and the actual products shall prevail.

Contact us

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