

PC230

Tool-Like Thermal Camera

Capture Every Detail at 10m



Introduction

Featuring one-button autofocus and the longer measurement distance, PC 230 can be used under more scenes with 256x192 IR Detector and 2M pixels for visible light. Utilizing the New SharpIR composite image enhancement technology, it can provide you with detailed infrared thermal imaging and dual-light fusion images to help you find potential faults more quickly.

Features and Benefits

- 256x192 infrared module with excellent imaging quality
- Autofocus and measured at 0.5m to 10m
- 16H operating time and 2.5H fast charge
- Turn on in 1 second and full-frame temperature measurement
- IP54 Protection Rating and resistant to 2 meters drop
- 4 Color Palettes to display the temperature
- Wide temperature measurement range up to 550°C
- Type C interface, convenient for data transfer and PC screen projection

Application

- Building Diagnostics
- HVAC Inspection
- Facilities maintenance
- Electrical Application



Specifications

Model	PC230
Imaging and optics	
Detector type	VOx
Infrared resolution	256*192
Wavelength range	7.5~14μm
Field angle	25°*19°
Minimum object distance	0.5m
NETD	<50mK
Infrared frame rate	25Hz/9Hz
Focusing mode	Focus-Automatic
Measurement and analysis	
Measurement range	-20°C~150°C, 100-550°C (automatic switching)
Measurement accuracy	±2°C or ±2%, whichever is greater
Analyzed target	Center temperature measuring ON/OFF
Tracking/alarm	Full-screen high/low temperature alarm; Alarm mode: Visual and audio alarm
Temperature measuring parameter	Emissivity, reflected temperature, target distance
Image display	
Display screen	2.4" LCD
Digital camera	2M pixels
Image mode	IR, VIS, MIF and PIP
Image adjustment	Automatic, semi-automatic, manual
Palette	6 pseudo colors such as White Hot, Iron Red, Arctic, Rainbow 2, Hot Iron, Rainbow 1
Storage and transmission	
Storage medium	TF card (up to 32G)
Image storage format	JPG with temp info
External interface	TYPE-C, TF card slot, tripod interface
Laser	Class 2 laser, only indicating the measured target
WIFI	Yes, it can be connected to the mobile terminal for data transmission
Power system	
Battery type	Rechargeable lithium-ion battery, non-removable
Battery working time	> 16 H
Power management	Automatic shutdown, and adjustable shutdown time from 5 min, 10 min to 20 min
Charging mode	TYPE-C charging;PC/portable charger;Capable of charging while using
Charging time	90% of full charge in 2.5 hours
Environmental parameters	
Working temperature	-15°C~50°C
Storage temperature	-40°C~70°C
IP rating	IP54
Drop	2m drop test
Certificati	CE, FCC, ROHS, UN38.3+ air/sea freight, IP54, 2m, damp heat test, shock vibration test, impact test
Physical parameters	
Weight	about 375g
Size	194mm*61.5mm*76mm
Software kit	ThermoTools
Standard	A device, a 16G TF card, a Quick Product Manual, a USB-TYPEC cable, a wrist strap, an adapter
Opti	Tripod

