Q·see®

Functional characteristics

▲ 2.8" TFT screen

▲ Infrared resolution: 160×120

▲ Frame frequency: 9Hz

▲ Range of temperature measurement: 30℃~45℃

▲ Accuracy: ±0.5℃ (1m)

▲ Photographed function and SD card storage

▲ PC software analysis

▲ Point temperature measurement

▲ Real-time image transmission

▲ Visible light (640×480)

▲ Type-C USB interface for lithium battery charging

▲ 1/4" tripod mounting hole

QI165K

Specifications

Sensor	Uncooled focal plane
Temperature range	30˚C~45˚C
Resolution	0.1˚C
Accuracy	±0.5˚C @1m
Minimum measuring distance	15cm
Temperature measurement response time	≤500ms (95% of reading)
Pixel of thermal imagery	19200 (160×120)
Pixel dimemsions	12μm
Palettes	Iron red, rainbow, white, black, red, lava, high-contrast rainbow
Bandwidth of infraed spectroscopy	8~14μm
Field of view (FOV)	56°(H) × 42°(V)
Instantaneous field of view (IFOV)	6mrad
Thermal imaging sensitivity	＜50mk
Frame rate	＜9Hz
Temperature display	Center temperature measurement and high temperature tracking (default)
Image format	BMP
Image format	10 buttons: POWER button, Camera button, Return button, Navigation buttons, SET button, SET button, Browsing button, LED lighting button
Image modes	Thermal imagery, digital camera (visible light), fushion
Temperature measuring point	Besides central point, 3 temperature measuring points can be added
Visible light	√
Resolution of visible light	640×480
Display resolution	320×240
Mixed setting	0% (total visible light), 25%, 50%, 75%, 100% (total thermal imagery)
PC analysis software (PC)	√
Real-time image transmission	√ (PC software image projection)

Data communication	Type-C USB
Auto power off	Selectable (5min, 10min, 30min), 30min auto power off (default)
Service time	≧6 hours
Charging time	≦5 hours
Charging voltage/current	5V/2A
Image storage	Micro SD card
Power	A single Li-ion 3.7V/5000mAh 26650 battery
Display	2.8" TFT LCD
Product color	Red & grey
Product size	236mm x 75.5mm x 86mm
Standard accessories	Manual, Type-C USB cable, 16GB TF card
Standard carton gross weight	2.2kg