OWON®
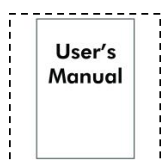
Handheld Infrared Thermal Imager - TI219

+ Temperature range: -20 to 400℃,suitable for various industrial and civil scenarios.
+ Accuracy:±2℃or±2% (the maximum value), ensuring precise measurements.
+ Emissivity: Adjustable from 0.1 to 0.99.
+ IP65 protection level/drop resistance up to 2m.
+ Supports real-time image transmission for remote monitoring and control.
+ Equipped with PC analysis software for exporting infrared image reports.
+ High-temperature alarm: LED flashing, alarm symbol, and buzzer alert to promptly notify users of abnormal temperatures.
+ Built-in rechargeable lithium battery: 3.6V/5000mAh, providing long-lasting battery life.

Model	TI219
Sensor	120×90
Temperature range	-20°C ~400°C
Accuracy (normal temperature 25℃)	-10℃~400℃, the accuracy is ±2C or 2%; take the maximum value
Resolution ratio	0.1℃
Mode	Automatic gain
The best measurement distance	50cm
Temperature measurement response time	≤500ms
Emissivity	0.95 (default)(adjustable from 0.1 to 0.99)
Pixel size	17μm
Palette	Iron red, rainbow, white heat, black heat, red heat
Infrared spectral bandwidth	8~14μm
Field of View Angle （FOV）	50°（H)*38°（V)
Instant Field of View Angle （FOV）	7.3mrad
Thermal imaging sensitivity	≤60mK
Frame rate	≤25Hz
Temperature measurement display	Main area temperature measurement (ROI), central point temperature measurement, high and low temperature tracking
Image format	BMP
Visible light resolution	640*480
Field of View Angle （FOV）	81 degree
Image mode	Thermal imaging,digital camera(visible band temperature display), integration
Thermostat alarm	Image alarm, LED alarm and buzzer alarm
Auto shut off	Optional (5min 10min 30min off) The default is 30min
Data communication	Type-C USB
Battery	Li-ion 3.7V/5000mAh
Display	2.8" TFT LCD （320*240)

+ Accessories The Accessories subject to final delivery

User Manual   USB Cable   Memory Card   Soft Bag