PRESENTCO®
THERMAL SECURITY

CE RoHS

THR-M160PC
THERMAL IMAGER

- 2.8" TFT screen
- Infrared resolution: 160×120
- Frame rate: 9Hz
- **Temperature measurement range: 30°C~45°C**
- **Accuracy: ±0.5°C**
- Photograph function with SD card storage
- PC software analysis
- **Real-time image transmission**
- **Visual camera (640×480)**
- Type-C USB interface
- 1/4" tripod mounting hole

CAMARA DUAL
IMAGEN TÉRMICA Y
IMAGEN VISIBLE

*High-temperature alarm

The customized high temperature limit can be set to 37.3°C. For the temperature ≥37.3°C, indicator light and screen will indicate high temperature alarm, which can effectively and quickly screen individuals with abnormal temperature.

Real-time image transcription

Set the USB mode to USB camera, connect the USB cable to the computer to mirror the computer software by real-time image transmission.

SPECIFICATION	M160PC
Sensor	Uncooled focal plane array
Temperature range	30℃~45℃
Resolution	0.1℃
Accuracy	±0.5℃ (@ 25℃ ambient temperature)
Optimal measuring distance	1m
Temperature measurement response time	≤500ms (95% of reading)
Thermal resolution	19200 (160×120)
Pixel dimemsions	12µm
Palettes	Iron red, rainbow, glowing white, glowing black, glowing red, lava, high-contrast rainbow
Bandwidth of infrared 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 modes	Thermal camera, visible camera, image blending
Temperature measuring point	Besides central point, 3 temperature measuring points can be added
Visual camera	√
Resolution of visible camera	640×480
Display resolution	320×240
Image blending	0% (total visual camera), 25%, 50%, 75%, 100% (total thermal camera)
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)
Battery life	≥6 hours
Charging time	≤5 hours
Charging voltage/current	5V/2A
Image storage	Micro SD card
GENERAL CHARACTERISTICS	
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

RISTER