

MobIR 2 Series AutoFocus Thermal Imager for Smartphone

The World's First AutoFocus Thermal Imager for Smartphone



Introduce

MobIR 2 series is a new generation of infrared thermal imager for smartphone launched by Guide sensmart. Built-in the world's first autofocus WLP infrared module, with higher resolution and performance comparable to professional thermal imaging cameras. This product allows you to see things that you can't see with the naked eye, it can realize real-time temperature measurement, night vision, photography, video and other functions through the mobile phone APP. It is an all-round partner for your daily work, home life and adventure travel.

Features and Benefits

- 256x192 resolution, Autofocus, Clearly no matter near or far.
- Type-C interface, Battery-free design, plug and play.
- $\pm 2^{\circ}\text{C}$ industrial-grade temperature measurement accuracy, comparable to professional testing tools.
- Human temperature measurement mode supports simultaneous temperature measurement by multiple people, which is efficient and safety.
- Outdoor night vision recognition range is more than 100 meters, farther and clearly.
- Multifunctions, complete APP functions, share at any time

Application

- House Inspection
- Privacy Protection
- Outdoor Night Vision
- Fever Scanner
- Evaluation tool
- Scientific research

Specifications



Model	MobIR 2T	MobIR 2S
Imaging and optics		
Detector type	VOx	
Infrared resolution	256 × 192@12μm	
Wavelength range	7.5 to 14μm	
Focal length	3.2 mm	7 mm
Field of view	56°	25°
Focusing mode	Automatic / Manual	
Measurement and analysis		
Measurement range	Industrial measurement: -20°C to 150°C; Human body: 20 °C to 50 °C	-20°C to 150°C
Measurement accuracy	Industrial measurement range: ±2°C or ±2%, whichever is greater; Human body: ±0.5°C (Temperature Measurement Distance: 0.5-2.5m)	±2°C or ±2%, whichever is greater
Storage and transmission		
External interface	USB Type-C male	
Environmental parameters		
IP rating	IP43	
Drop	1m drop test(without the type-c interface)	
Certification	CE, FCC, RoHS	
Physical parameters		
Weight	≤35 g	≤40 g
Size (L × W × H)	59 × 24 × 16 mm	59 × 24 × 20 mm

