

# 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
<b>Imaging and optics</b>		
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	
<b>Measurement and analysis</b>		
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
<b>Storage and transmission</b>		
External interface	USB Type-C male	
<b>Environmental parameters</b>		
IP rating	IP43	
Drop	1m drop test(without the type-c interface)	
Certification	CE, FCC, RoHS	
<b>Physical parameters</b>		
Weight	≤35 g	≤40 g
Size (L × W × H)	59 × 24 × 16 mm	59 × 24 × 20 mm

