



# 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 and Pitch	WLP, 12 $\mu$ m	
IR Resolution	256x192	
Spectral Range	7.5 to 14 $\mu$ m	
FOV	56°	25°
Focus	Automatic	
<b>Measurement and Analysis</b>		
Measurement Range	-20°C-150°C	
Measurement Accuracy	$\pm 2^\circ\text{C}$ or $\pm 2\%$ of the reading	
Temperature Measurement Range for Human Body	20°C-50°C	/
Temperature Accuracy for Human Body	$\pm 0.5^\circ\text{C}$	/
Temperature Measurement Distance for Human Body	0.5-2.5m	/
<b>Storage and Transmission</b>		
External Interface	USB Type-C male	
<b>Environmental</b>		
IP Rating	IP43	
Drop	1-meter drop test (without the type-c interface)	
Certifications	CE, FCC, RoHS	
<b>Physical</b>		
Weight	$\leq 35\text{g}$	$\leq 40\text{g}$
Size	59x23.55x16.38mm	59x23.55x20.38mm