



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 and Pitch	WLP, 12 μm		
IR Resolution	256×192		
Spectral Range	7.5 to 14μm		
FOV	56°	25°	
Focus	Automatic		
Measurement and Analysis			
Measurement Range	-20°C-150°C		
Measurement Accuracy	± 2 ° C or ± 2% of the reading		
Temperature Measurement Range for Human Body	20°C-50°C	/	
Temperature Accuracy for Human Body	± 0.5 ° C	/	
Temperature Measurement Distance for Human Body	0.5-2.5m	/	
Storage and Transmission			
External Interface	USB Type-C male		
Environmental			
IP Rating	IP43		
Drop	1-meter drop test (without the type-c interface)		
Certifications	CE, FCC, RoHS		
Physical			
Weight	≤35g	≤40g	
Size	59×23.55×16.38mm	59×23.55×20.38mm	

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