



# HIKMICRO Mini2Plus V2 Thermal Imager Instruction Manual

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HIKMICRO Mini2Plus V2 Thermal Imager



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## Important Informations

The Mini2Plus V2 is a versatile smartphone thermal camera with manual focus for inspecting homes and troubleshooting HVAC problems. It offers high thermal resolution, SuperIR image enhancement, and accurate temperature readings. Compatible with iOS and Android devices, it's a convenient and reliable tool for thermal imaging.

## Key Features

- **Thermal resolution:** 256 × 192 (49 152 pixels)
- SuperIR image enhancement technology on live view and captured images
- **3-in-1:** USB-C (iOS Android), Lightning (Includes a Lightning to USB-C adapter)
- **NETD:** 40 mK (@ 25 °C, F#=1.0)
- **Accuracy:** ±2 °C (-20 °C to 100 °C) ; ±2 % (100 °C to 400 °C)

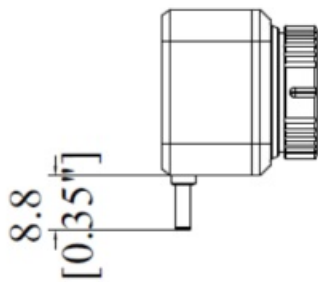
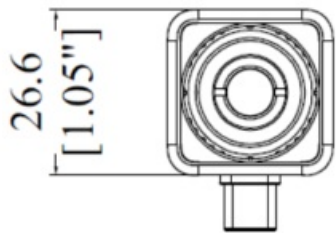
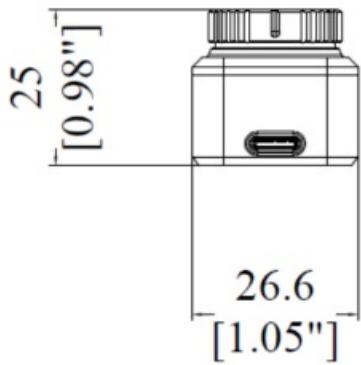
- 26 g Weight

## Specification

<b>Infrared Image</b>	
IR Resolution	256 × 192 (49,152 pixels)
SuperIR	Yes, on captured images and live view
NETD	< 40 mK (@ 25 °C, F#=1.0)
Image Frequency	25 Hz
Detector Pitch	12 μm
Spectral Range	7.5 to 14 μm
Focal Length	6.9 mm
F-number	F1.0
Field of View (FOV)	25° × 18.8°
Min. Focus Distance	0.1 m (0.33 ft)
Focus Mode	Manual Focus
<b>Image Display</b>	
Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Sepia, Color, Ice Fire, Rain, Red Hot, Green Hot, Dark Blue, Combined
Image Modes	Thermal, Visual( with the phone camera)
<b>Measurement and Analysis</b>	
Object Temperature Range	-20°C to 400°C (-4°F to 752°F )
Accuracy	Max (±2°C/3.6°F, ±2%), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
Measurement Tools	Center Spot, Hot Spot, Cold Spot User-definable: 3 spots, 3 rectangles and 1 line.
Level and Span Mode	Auto/Manual
<b>General</b>	
Power Consumption	360 mW
Interface	USB-C Android, USB-C iOS, Lightning iOS (Includes a Lightning to USB-C adapter)
Device Compatibility	iOS (version 14 and later), Android (version 7 and later) smartphones and tablets, or Windows devices
Software Compatibility	HIKMICRO Viewer app for iOS and Android, HIKMICRO Analyzer software for Windows
Protection Level	IP40
Drop Test Height	1 m (3.28 ft)

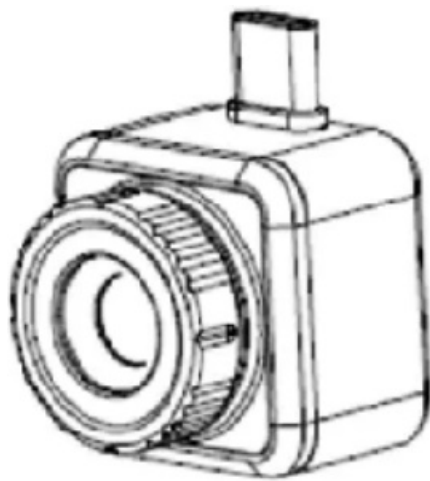
Working Temperature Range	-10°C to 50°C (14°F to 122°F )
Storage Temperature Range	-20°C to 60°C (-4°F to 140°F )
Weight	Approx. 24 g (0.053 lb)
Dimension	26.6 × 26.6 × 25 mm (1.05 × 1.05 × 0.98 in)

**Dimension**



**Packaging**

- Thermal Imager (x1)



- USB-C Extension Cord (x1)



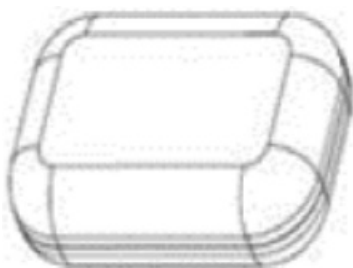
- Lightning Adapter (x1)



- USB-C Extension Adapter (x1)



- Protective Case (x1)



- Quick Start Guide (x1)



## Accessory

Optional

## HM-AHBR02 Pocket/Mini Series Desktop Stand Bracket



**COMPLIANCE NOTICE:** The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.

### Customer Support

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**\*Note:** Specifications are subject to change without notice. For the current specs, please go to [www.hikmicrotech.com](http://www.hikmicrotech.com)



HIKMICRO Thermography



hikmicro\_thermography



HIKMICRO Thermography



HIKMICRO



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<http://hikmicrotech.com/en>



# HIKMICRO

Documents / Resources

	<p><a href="#">HIKMICRO Mini2Plus V2 Thermal Imager</a> [pdf] Instruction Manual</p> <p>Mini2Plus V2 Thermal Imager, Mini2Plus V2, Thermal Imager, Imager</p>
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References

- [User Manual](#)

Manuals+. [Privacy Policy](#)

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