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o Lens



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## HIKMICRO B201-MACRO Macro Lens



## Introduction

Macro Lens is mainly applied to the printed circuit board (PCB) detection, electronic component testing, and electronic design verification. It assists the handheld thermography camera to magnify and locate the temperature exception point. There are two types of macro lenses. Please take the actual product for reference.

### Note

- It is recommended to use a macro lens with the Handheld Thermography Basic Series or the Handheld Thermography Pocket Series.
- When using the macro lens, you should update the system of the handheld thermography camera to support the macro mode.

## Enable Macro Mode

Turn on the handheld thermography camera, and go to Local Settings → Capture Settings to enable Macro Mode. When the macro mode is enabled, parameters such as thermography range can not be configured, and the default temperature range is from -20 °C to 150 °C. The default emissivity is 0.91 when the macro mode is enabled, which is applied to PCB detection. You can also set the emissivity by yourself according to different scenarios.

### Note

- Please use the macro lens with a tripod mounting bracket.
- Keep the lens  $30 \pm 1$  mm away from the object.
- When the macro mode is enabled, the display mode of the handheld thermography camera is thermal mode by default and cannot be set.
- Install Tripod Mounting Bracket (Optional)

### Note

Please purchase the tripod mounting bracket separately.

## Legal Information

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## About this Manual

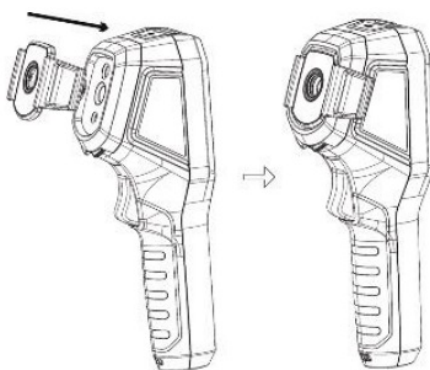
The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change without notice, due to firmware updates or other reasons.

Please find the latest version of this Manual at the HIKMICRO website

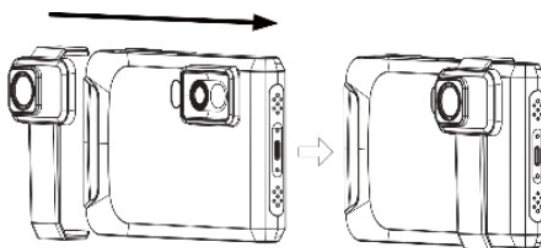
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## Product Overview

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## **Regulatory Information**

### **EU Conformity Statement**

 This product and – if applicable – the supplied accessories too are marked with “CE” and comply, therefore, with the applicable harmonised European standards listed under the Directive 2014/30/EU (EMCD), Directive 2001/95/EC (GPSD) and Directive 2011/65/EU (RoHS).



Directive 2012/19/EU (WEEE Directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information, see:

[www.recyclethis.info](http://www.recyclethis.info)

## **Safety Instructions**

These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss.

## **Laws and Regulations**

Use of the product must be in strict compliance with the local electrical safety regulations.

## **Transportation**

- Keep the lens in its original or similar packaging while transporting it.
- Keep all wrappers after unpacking them for future use. In case of any failure, you need to return the lens to the factory with the original wrapper.
- Transportation without the original wrapper may result in damage to the lens, and the company shall not take any responsibility.
- Do not drop the product or subject it to physical shock. Keep the lens away from magnetic interference.

## **Maintenance**

- If the product does not work properly, please contact your dealer or the nearest service centre. We shall not assume any responsibility for problems caused by unauthorised repair or maintenance.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the device may be impaired.

## **Using Environment**

- Make sure the running environment meets the requirements of the lens. The operating temperature shall be -30 °C to 55 °C (-22 °F to 131 °F), and relative humidity shall be 5% to 95%.
- DO NOT aim the lens at the sun or any other bright light.
- When any laser equipment is in use, make sure that the lens is not exposed to the laser beam, or it may burn out.

## Manufacture Address

Room 313, Unit B, Building 2, 399 Danfeng Road, Xixing Subdistrict, Binjiang District, Hangzhou, Zhejiang 310052, China  
Hangzhou Microimage Software Co., Ltd.

**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, or re-export the thermal series products between different countries.


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E-mail: [info@hikmicrotech.com](mailto:info@hikmicrotech.com) Website: <https://www.hikmicrotech.com/>

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## Documents / Resources

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|  | <a href="#">HIKMICRO B201-MACRO Macro Lens [pdf]</a> User Guide<br>B201-MACRO Macro Lens, B201-MACRO, Macro Lens, Lens |
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## References

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 B201-MACRO, B201-MACRO Macro Lens, HIKMICRO, lens, Macro

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