



# Thermal Monocular HIKMICRO LYNX S & LYNX Pro Series

User Manual V5.5.58 202302



Contact Us

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# Thermal Monocular User Manual

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# Chapter 1 Overview

## 1.1 Brief Description

HIKMICRO LYNX S & LYNX Pro thermal monocular supports functions of observation, distance measurement, hotspot, and so on. The high-sensitivity built-in thermal detector provides you with clear view even in total darkness. The monocular is mainly applied to scenarios such as hunting, searching and rescuing, hiking, and travel.

## 1.2 Function

### Distance Measurement

The device can detect the distance between the target and the observation position.

### Hot Tracking

The device can detect the highest temperature in the scene and mark the spot. This function varies according to different camera models.

### Large Digital Zoom

Digital zoom up to 8 × offers better focus on small target from a far distance.

### Image Correction

The device supports DPC (Defective Pixel Correction) and FFC (Flat Field Correction) which can optimize the image quality.

### Client Software Connection

The device can capture snapshots, record videos, and set parameters by HIKMICRO Sight App after being connected to your phone via hotspot.

### Storage

The built-in memory module supports video recording and snapshot capturing.

## 1.3 Appearance

### 1.3.1 Button

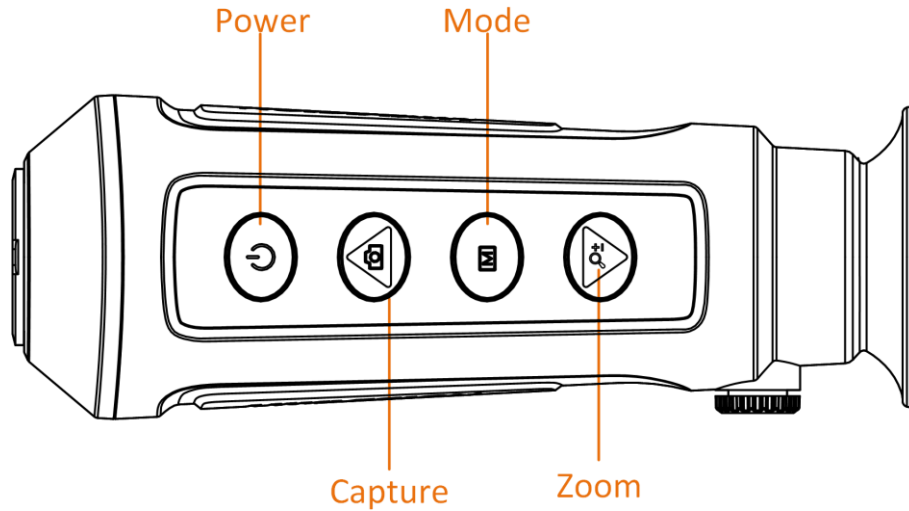
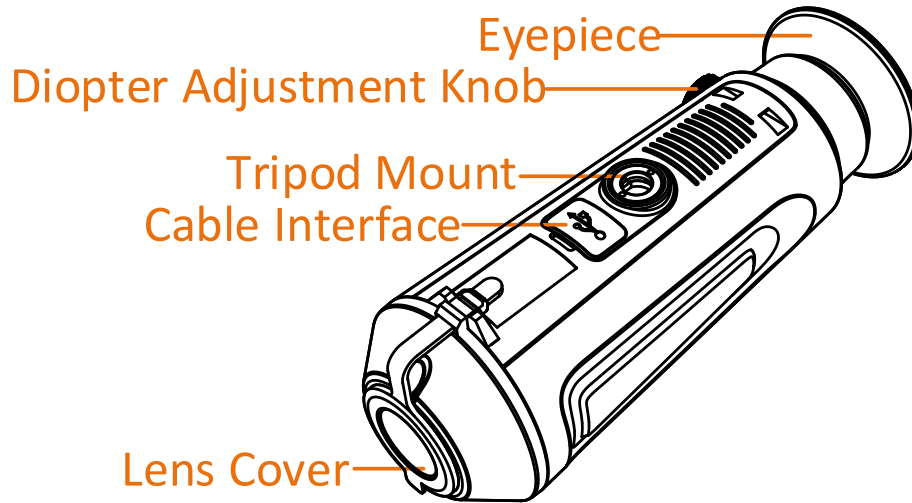


Figure 1-1 Buttons on the Device

Table 1-1 Function of Button

Icon	Button	Function
	Power	<ul style="list-style-type: none"> <li>● Press: Standby mode/Wake up device</li> <li>● Hold: Power on/off</li> </ul>
	Capture	Non-Menu Mode: <ul style="list-style-type: none"> <li>● Press: Capture pictures</li> <li>● Hold: Start/stop recording</li> </ul> Menu Mode: Press to move up.
	Mode	Non-Menu Mode: <ul style="list-style-type: none"> <li>● Press: Enter the quick menu</li> <li>● Hold: Enter the main menu</li> </ul> Menu Mode: <ul style="list-style-type: none"> <li>● Press: Confirm/set parameters</li> <li>● Hold: Save and exit settings</li> </ul>
	Zoom	Non-Menu Mode: <ul style="list-style-type: none"> <li>● Press: Switch digital zoom</li> <li>● Hold: Correct non-uniformity of display (FFC)</li> </ul> Menu Mode: Press to move down.

### 1.3.2 Component



**Figure 1-2 Overview of Component**

- Lens Cover: Protects the lens from dust or scratch.
- Diopter Adjustment Knob: Adjusts the dioptric setting.
- Cable Interface: To connect the device to power supply or transmit data with a type-C cable.
- Tripod Mount: Mounts the tripod.
- Eyepiece: The piece placed closest to the eye to view the target.

## Chapter 2 Preparation

Take out the device and accessories. Check them with the packaging list to confirm device and accessories are included and available for use. Read the user manual to learn the usage methods and cautions.

### 2.1 Charge Device

After the device starts up, the OSD (on-screen display) shows the battery status. When the battery is low, charge the device and ensure it works properly.

#### Before You Start

- The charging temperature should be from 0 °C to 45 °C (32 °F to 113 °F).
- Charge the device with the delivered cable.

#### Steps

1. Lift the cable interface cover.
2. Plug in the cable and charge the device.

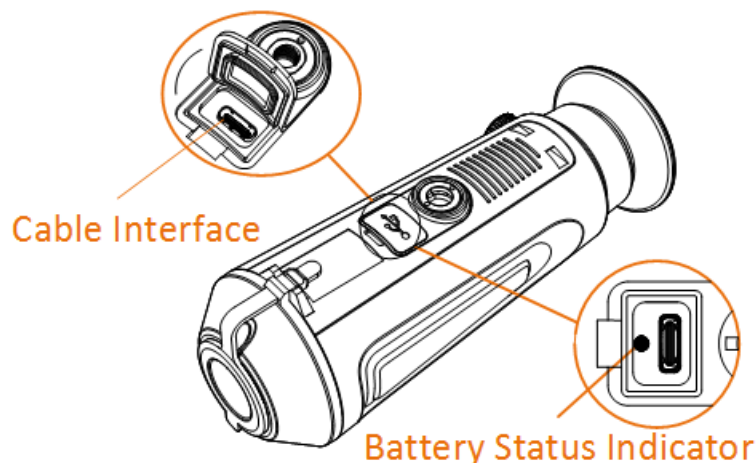


Figure 2-1 Cable Interface

- Flashing Red & Green: error occurred.
- Solid Red: battery is properly charged.
- Solid Green: battery is fully charged.
- Off: battery is not charged.

---


#### Note

- Charge the device for more than 5 hours before first use.
  - The built-in battery type is 18650, and the battery size should be 24 mm × 72 mm. The rated voltage and capacity are 3.635 VDC/3350 mAh.
-



## 2.2 Power On/Off

### Power On

When the device is connected to cable or the battery is enough, hold  for 2 seconds to power on the device.

### Power Off

When the device is turned on, hold  for 2 seconds to power off the device.

---








#### Note

- Power-off countdown will appear when you power off the device. You can press any key to interrupt the countdown and cancel the power-off.
  - Automatic low battery power-off cannot be canceled.
- 




### Auto Power Off

You can set the auto power off time for your device.

#### Steps

1. Hold  to go to the main menu.
  2. Go to select  **General Settings**, and select .
  3. Press  or  to select the auto power off time as required, and press  to confirm.
  4. Hold  to save and exit.
- 

#### Note

- See the battery icon for the battery status.  means the battery is fully charged,  means that the battery is low, and  means the battery charging is abnormal.
  - When the low power note shows, charge the battery.
  - The auto power off countdown will start again when the device exits standby mode or the device is restarted.
- 




## 2.3 Menu Description

### 2.3.1 Main Menu


When the device powers on, hold  to enter or exit the main menu.



**Figure 2-2 Menu Description**

- Press  to move the cursor up.
- Press  to move the cursor down.
- Press  to confirm and hold it to exit the main menu.

## 2.3.2 Quick Menu

In the live view interface, press  to show the quick menu. You can switch palettes, set PIP mode, and adjust display brightness in the quick menu.



**Figure 2-3 Quick Menu**

---

### Note

Display brightness function varies according to different camera models.






---

## 2.4 Firmware Status

### 2.4.1 Client Software Connection

Connect the device to the HIKMICRO Sight App via hotspot, then you can capture picture, record video, or configure parameters on your phone.

#### Steps

1. Hold  to show the main menu of device.
2. Press  or  to select , and press  to enable hotspot function.
3. Turn on the WLAN of your phone and connect to the hotspot.
  - Hotspot Name: HIKMICRO\_Serial No.
  - Hotspot Password: Serial No.
4. Search the HIKMICRO Sight on App Store (iOS System) or Google Play™ (Android System) to download it, or scan the QR code to download and install the app.



Android System



iOS System

5. Open the App and connect your phone with the device. You can view the interface of device on your phone.

---

#### Note

- The device cannot connect to the App if you enter wrong password several times. Refer to **Restore Device** to reset the device, and connect the App again.
  - The device should be activated for the first use. The default password must be changed after the activation.
  - Hotspot name varies according to different camera models.
- 

### 2.4.2 Check Firmware Status

#### Steps

1. Open the HIKMICRO Sight and connect your device to the app.
2. Check if there is a red spot on the connection interface. If there is no red spot, the firmware is the latest version. Otherwise, the firmware is not the latest version.

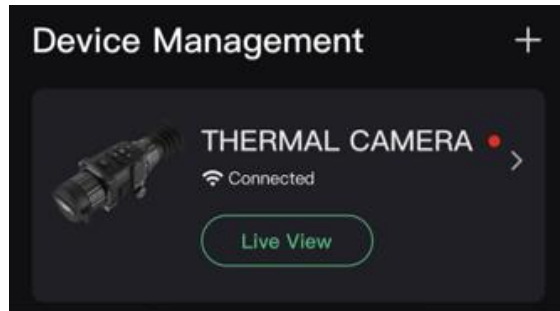


Figure 2-4 Check Firmware Status

3. (Optional) If the firmware is not the latest version, upgrade the device. See **Upgrade Device**.

## 2.4.3 Upgrade Device

### Upgrade Device via HIKMICRO Sight

#### Before You Start

Install HIKMICRO Sight on your phone and connect your device to the app.

#### Steps

1. Tap the device series to enter the device information interface.
2. Tap **Device Upgrade** to enter the firmware upgrade interface
3. Tap **Upgrade** to start upgrade.

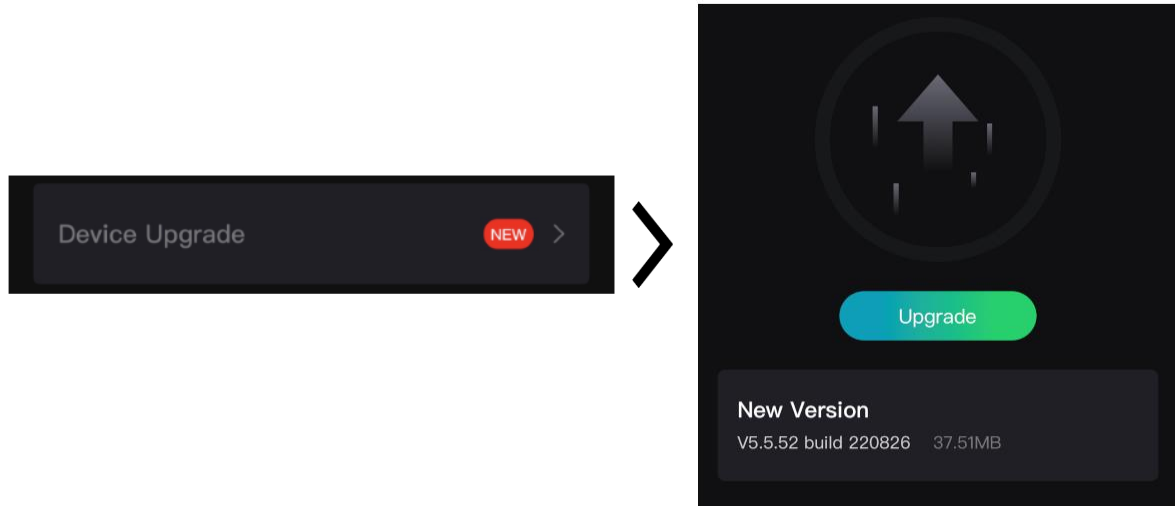


Figure 2-5 Upgrade Firmware

---

#### Note

The upgrading operation may vary due to app updates. Please take the actual app version for reference.

---

### **Upgrade Device via PC**

#### **Before You Start**

Please get the upgrade package first.

#### **Steps**

1. Connect the device to your PC with cable.
2. Open the detected disk, copy the upgrade file and paste it to the root directory of the device.
3. Disconnect the device from your PC.
4. Reboot the device.

#### **Result**

The device upgrades automatically. The upgrading process will be displayed in the main interface.

## Chapter 3 Image Settings

You can set palettes, brightness, scenes, FFC (flat field correction), and DPC (defective pixel correction) to display the better image effect.

### 3.1 Adjust Diopter

Make sure the eyepiece covers your eye and aim at the target. Adjust the diopter adjustment knob until the OSD text or image is clear.

---

 **Note**

When adjusting diopter, DO NOT touch the surface of lens to avoid smearing the lens.

---

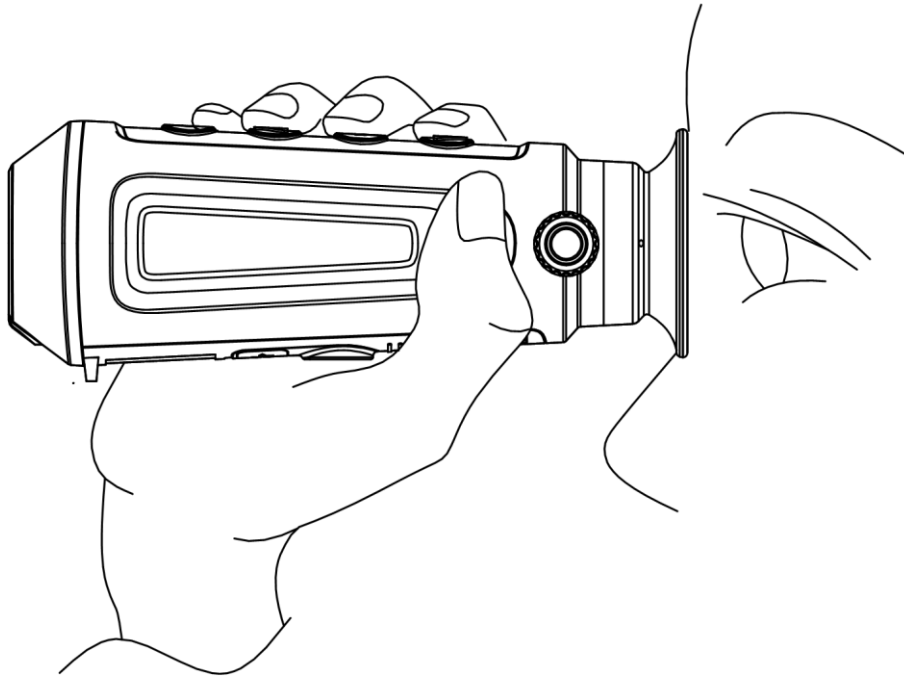
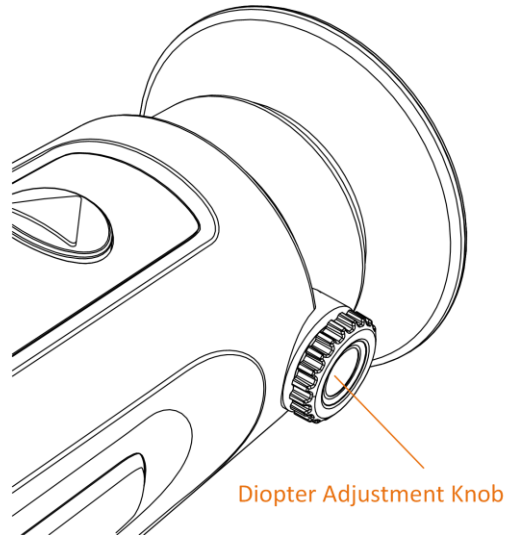


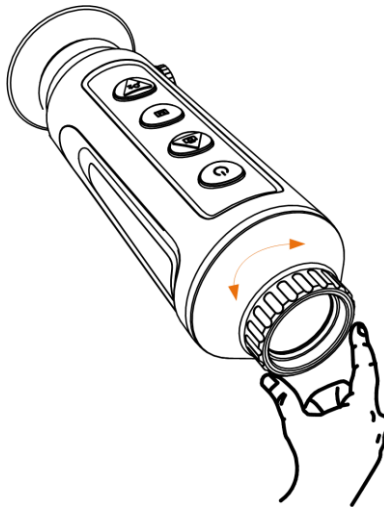
Figure 3-1 View the Target



**Figure 3-2 Adjust Diopter**

### 3.2 Adjust Focus

Slightly rotate the focus ring to adjust the focus of the objective lens.



**Figure 3-3 Adjust Objective Lens**

---

**Note**

- DO NOT touch the lens directly with your finger, or place any sharp objects near them.
  - This function varies according to different camera models.
-

### 3.3 Adjust Image Brightness

#### Steps

1. In the main menu, select ☀️ and press [M] to confirm.
2. Press 📷 or 🔍± to adjust image brightness.
3. Hold [M] to save and exit.

In white hot mode, the higher the value of brightness is, the brighter the image is. The image effect in white hot mode is showed as picture below and effect in black hot mode is opposite.



Figure 3-4 Adjust Brightness in White Hot Mode

### 3.4 Adjust Contrast

#### Steps

1. In the main menu, select 📊 and press [M] to confirm.
2. Press 📷 or 🔍± to adjust contrast.
3. Hold [M] to save and exit.

### 3.5 Adjust Tone

#### Steps

1. In the main menu, select 🌡️ and press [M] to confirm.
2. Press 📷 or 🔍± to select a tone. **Warm** and **Cold** can be selected.
3. Hold [M] to save and exit.

### 3.6 Adjust Sharpness

#### Steps







1. In the main menu, select ▲ and press [M] to confirm.
2. Press 📷 or 🔍± to adjust sharpness.
3. Hold [M] to save and exit.



### 3.7 Select Scene

You can select proper scene according to actual using scene to improve the display effect.






#### Steps

1. Hold  to go to the main menu.
2. Select  and press  to enter the setting interface.
3. Press  or  to switch scene.
  - **Recognition** : Recognition refers to recognition mode and is recommended in normal scene.
  - **Jungle**: Jungle refers to jungle mode and is recommended in hunting environment.
4. Hold  to save settings and exit.

### 3.8 Set Palettes

You can select different palettes to display the same scene in different effects.

#### Steps

1. In the quick menu, select  and press  to enter the setting interface.
2. Press  or  to switch palettes.
3. Hold  to save and exit.

#### White Hot

The hot part is light-colored in view. The higher the temperature is, the lighter the color is.



#### Black Hot

The hot part is black-colored in view. The higher the temperature is, the darker the color is.



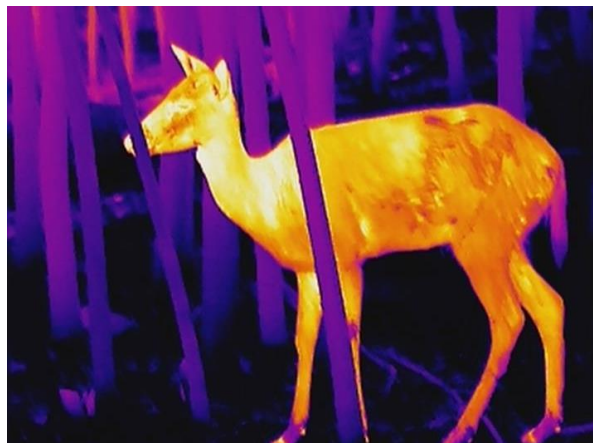
**Red Hot**

The hot part is red-colored in view. The higher the temperature is, the redder the color is.



**Fusion**

From high temperature to low temperature, the image is colored in from white, yellow, red, pink to purple.



### 3.9 Adjust Digital Zoom

You can zoom the image by using this function.

Press  in the view mode, the live view switches between 1 ×, 2 ×, 4 × and 8 ×.

---

#### Note

This function varies according to different camera models.

---

### 3.10 Set Picture in Picture Mode

#### Steps





1. In the live view interface, press  to go to the quick menu.
2. Select , and press  to enable or disable PIP mode. The details show in the upper center of the view.
3. Hold  to save the settings and exit.



Figure 3-5 Set Picture in Picture Mode

---

#### Note




If digital zoom is enabled, only the PIP view zooms.







---

### 3.11 Flat Field Correction

This function can correct non-uniformity of display.

#### Steps

1. Hold  to go to the main menu.
2. Go to  **Function Settings**, and select .

3. Press  to enter the setting interface.
  4. Press  or  to switch FFC mode.
    - **Manual:** Hold  in live view to correct the non-uniformity of display.
    - **Auto:** The device performs FFC automatically according to the set schedule when switching on the camera.
    - **External:** Cover the lens cover, then hold  in live view to correct the non-uniformity of display.
  5. Hold  to save the settings and exit.
- 

### Note

















The countdown will start before the device performs FFC automatically.

---

## 3.12 Correct Defective Pixel

The device can correct the defective pixels on the screen which are not performed as expected.

### Steps

1. Hold  to go to the main menu.
  2. Go to  **Function Settings**, and select .
  3. Press  to enter the DPC setting interface.
  4. Press  or  select **Axis**, and press  to confirm. Press  or  to set the coordinates until the cursor reaches the defective pixel. If you select , the cursor moves left and right; if you select , the cursor moves up and down.
  5. Press  or  to select , and press  correct the defective pixel.
  6. Hold  to exit.
- 

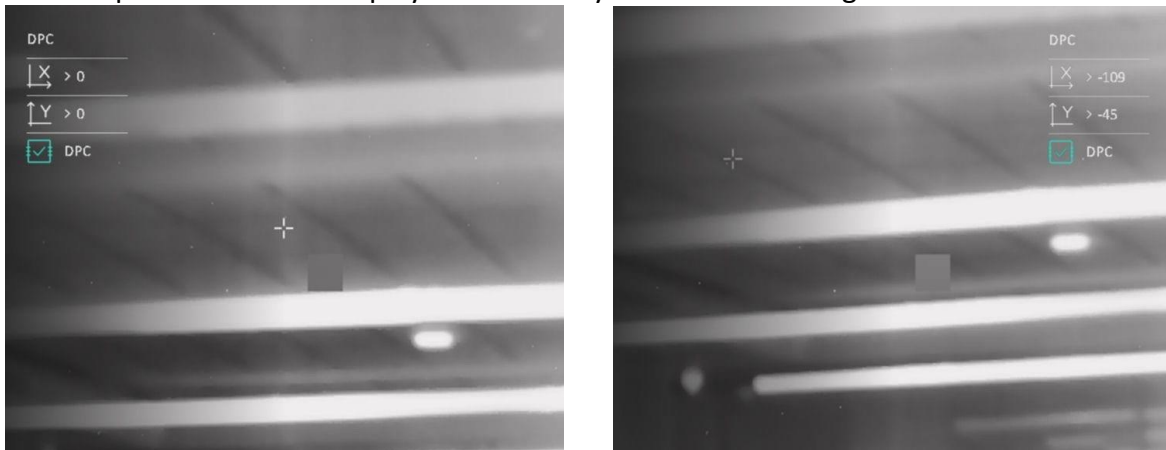
### Note

- The selected defective pixel can be magnified and displayed on the right of the interface.



Figure 3-6 Correct Defective Pixel

- If the screen OSD blocks the defective pixel, move the cursor to reach the defective pixel, then the device performs mirror display automatically as shown in the figures below.



**Figure 3-7 Mirror Effect**

---







## Chapter 4 Measure Distance

The device can detect the distance between the target and the observation position.

### Before You Start

When measuring the distance, keep the hand and the position steady. Otherwise, the accuracy may be affected.

### Steps

1. Hold **[M]** to show the main menu.
2. Select  and press **[M]** to go to the measurement interface.
  - 1) Press  to show the setting interface. Press  or  to select the target from **Deer**, **Grey Wolf**, **Brown Bear**, and **Custom**, and press **[M]** to confirm.
  - 2) Press  or  to set the target height.

---

### Note

The available height ranges from 0.1 m to 9.0 m.

---

- 3) Hold **[M]** to save the setting and return to the measurement interface.
3. Align the center of top mark with the edge of target top. Press **[M]** to confirm. The cursor blinks on the top edge of the target.
4. Align the center of bottom mark with the edge of target bottom. Press **[M]** to confirm.

### Result

The right top of the image displays the distance measurement result and the height of the target.



Figure 4-1 Measurement Result

---

### Note

When PIP is enabled, PIP view remains in the distance measurement interface.









---

## Chapter 5 General Settings

### 5.1 Set OSD

This function can display or hide the OSD information on the live view interface.

#### Steps

1. Hold  to show the main menu.
2. Go to  **Function Settings**, and select .
3. Press  to enter the setting interface. Press  or  to select the OSD information you want to display or hide.
4. Press  to enable or disable the selected OSD information.
5. Hold  to save and exit.



#### Note






Only when the OSD function is enabled, other OSD information can be displayed.

---

### 5.2 Set Brand Logo

You can add brand logo on the live view interface, captures, and videos.

#### Steps

1. Hold  to show the main menu.
2. Go to  **Function Settings**, and select .
3. Press  to enable **Brand Logo**.
4. Hold  to save the settings and exit.

#### Result

The brand logo is displayed at the bottom left of the image.









Figure 5-1 Brand Logo Display

## 5.3 Set Display Brightness

You can adjust the display brightness of the screen in the quick menu.

### Steps

1. In the live view mode, press  to show the quick menu.
2. Select , and press  to confirm.
3. Press  and  to adjust display brightness.
4. Hold  to save settings and exit.

---

### Note






This function varies according to different camera models.

---

## 5.4 Burning Prevention

This function can prevent the detector of the thermal channel from being burned. When this function is enabled, the shield will close if the grey scale of the detector reaches a certain value.

### Steps

1. Hold  to show the main menu.
2. Go to  **Function Settings**, and select .
3. Press  to enable or disable the burn-prevention function.
4. Hold  to save settings and exit.



 **Note**

Avoid direct sunlight and enable the burning prevention function to reduce the risk of sensor damage from the heat.

---

## 5.5 Capture and Video

### 5.5.1 Capture Picture

In the live view interface, press  to capture picture.

---


 **Note**

When capturing succeeds, the image freezes for 1 second and a prompt shows on the display. For exporting captured pictures, refer to ***Export Files***.

---

### 5.5.2 Record Video


#### Steps

1. In the main live view, hold  and start recording.



**Figure 5-2 Start Recording**

The left top of image displays the information of recording time.

2. Hold  again to stop recording.

#### What to do next

For exporting recording files, refer to ***Export Files***.

## 5.6 Hot Tracking

The device can detect the highest temperature spot in the scene and mark it on display.

### Steps

1. Hold  to show the main menu.
2. Press  or  to select , and press  to mark the spot of highest temperature.

### Result



When the function is enabled,  displays in the spot of highest temperature. When the scene changes, the  moves.



Figure 5-3 Hot Tracking

---

### Note

This function varies according to different camera models.

---

## 5.7 Export Files

### 5.7.1 Export Files via HIKMICRO Sight

You can access device albums and export files to your phone via HIKMICRO Sight.

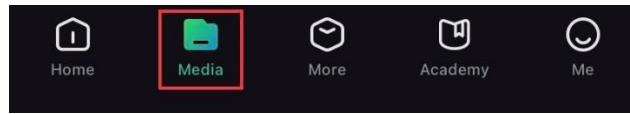
#### Before You Start

Install HIKMICRO Sight on your mobile phone.

#### Steps

1. Open HIKMICRO Sight and connect your device to the app. See ***Client Software Connection***.

2. Tap **Media** to access device albums.



**Figure 5-4 Access Device Albums**

3. Tap **Local** or **Device** to view the photos and videos.

- **Local:** You can view the previous files on the app.
- **Device:** You can view the files of the current device.

---

### **Note**

The photos or videos may not show in **Device**. Please pull down to refresh the page.

---

4. Tap to select a file, and tap **Download** to export the file to your local phone albums.

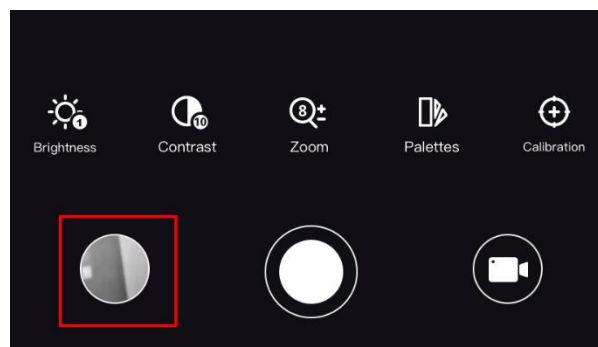


**Figure 5-5 Export Files**

---

### **Note**

- Go to **Me** → **About** → **User Manual** on the app to see more detailed operations.
- You can also access device albums by tapping bottom left icon in the live view interface.



**Figure 5-6 Access Device Albums**

- The exporting operation may vary due to app updates. Please take the actual app version for reference.
-

## 5.7.2 Export Files via PC

This function is used to export recorded videos and captured pictures.

### Before You Start

Turn off hotspot function.

### Steps

1. Connect the device and PC with cable.
- 

#### Note

Make sure the device is turned on when connecting the cable.

---

2. Open computer disk and select the disk of device. Go to the DCIM folder and find the folder named after the capture year and month. For example, if you capture a picture or record a video on June 2022, go to **DCIM** → **202206** to find the picture or video.
  3. Select and copy the files to PC.
  4. Disconnect the device from your PC.
- 










#### Note

- The device displays images when you connect it to PC. But functions such as recording, capturing and hotspot are disabled.
  - When you connect the device to PC for the first time, it installs the drive program automatically.
  - You can also export files via HIKMICRO Sight. See the user manual of the app for detailed operation.
-

## Chapter 6 System Settings










### 6.1 Date Adjustment

#### Steps

1. Hold  to show the main menu.
2. Go to  **General Settings**, and select .
3. Press  to enter the configuration interface.
4. Press  to select the year, month, or day to be synchronized, and press  or  to change the number, then press  again to finish the setting.
5. Hold  to save settings and exit.

### 6.2 Synchronize Time









#### Steps

1. Hold  to show the main menu.
2. Go to  **General Settings**, and select .
3. Press  to enter the configuration interface.
4. Press  to select the hour, minute, second to be synchronized, and press  or  to change the number, then press  again to finish the setting.
5. Hold  to save settings and exit.

### 6.3 Language Settings

You can select the device language in this function.






#### Steps

1. Hold  to show the main menu.
2. Go to  **General Settings**, and select .
3. Press  to enter the language configuration interface.
4. Press  or  to select the language as required, and press  to confirm.
5. Hold  to save settings and exit.

## 6.4 Unit Settings

You can switch the unit for distance measurement.

### Steps

1. Hold  to show the main menu.
2. Go to  **General Settings**, and select .
3. Press  to enter the unit setting interface. Press  or  to select the unit as required.
4. Hold  to save settings and exit.






## 6.5 CVBS Output

The CVBS output is used to debug the device. You can also view the device image on the display unit for details.

### Before You Start

Connect the device and the display unit via USB to CVBS cable. Make sure the device is turned off when connecting the cable.

### Steps

1. Hold  to show the main menu of device.
2. Go to  **Function Settings**, and select .
3. Press  to turn on CVBS output.
4. Hold  to save settings and exit.

---






### Note

The CVBS cable is not included in the package. Please purchase it by yourself.

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## 6.6 View Device Information

### Steps

1. Hold  to show the main menu of device.
2. Go to  **General Settings**, and select .
3. Press  to confirm. You can view the device information such as version and serial No.
4. Hold  to save settings and exit.

## 6.7 Restore Device

### Steps

1. Hold  to show the menu of device.
2. Go to  **General Settings**, and select .
3. Press  to restore the device to defaults according to the prompt.

## Chapter 7 Frequently Asked Questions

### 7.1 Why does the charge indicator flash improperly?

Check the following items.

1. Check whether the device is charged with standard power adapter and the charging temperature is above 0 °C (32 °F).
2. The device is equipped with built-in charging protection module. Charge the device in power off status.

### 7.2 Why is the power indicator off?

Check whether the device is off-battery. Check the indicator after charging the device for 5 minutes.

### 7.3 The image is not clear, how to adjust it?

Adjust the diopter adjustment knob until the image is clear. Refer to section *Adjust Diopter*.

### 7.4 Capturing or recording fails. What's the problem?

Check the following items.

- Whether the device is connected to your PC. Capturing or recording is disabled in this status.
- Whether the storage space is full.
- Whether the device is low-battery.

### 7.5 Why the PC cannot identify the device?

Check the following items.

- Whether the device is connected to your PC with supplied USB cable.
- If you use other USB cables, make sure the cable length is no longer than 1 m.



## Chapter 8 Appendix

### 8.1 Device Command

Scan the following QR code to get device common serial port commands.

Note that the command list contains the commonly used serial port commands for HIKMICRO thermal cameras.



### 8.2 Device Communication Matrix

Scan the following QR code to get device communication matrix.

Note that the matrix contains all communication ports of HIKMICRO thermal cameras.



## Safety Instruction




These instructions are intended to ensure that 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.

### Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 <b>Danger</b>	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 <b>Caution</b>	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 <b>Note</b>	Provides additional information to emphasize or supplement important points of the main text.

### Transportation

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

### Power Supply

- Input voltage should meet the Limited Power Source (5 VDC, 2 A) according to the IEC62368-1 standard. Please refer to technical specifications for detailed information.
- Make sure the plug is properly connected to the power socket.
- DO NOT connect multiple devices to one power adapter, to avoid over-heating or fire hazards caused by overload.
- Use the power adapter provided by qualified manufacturer. Refer to the product specification for detailed power requirements.

### Battery

- The built-in battery cannot be dismantled. Please contact the manufacture for repair if necessary.
- The built-in battery type is 18650, and the battery size should be 24 mm × 72 mm. The rated

voltage and capacity are 3.635 VDC/3350 mAh.

- For long-term storage of the battery, make sure it is fully charged every half year to ensure the battery quality. Otherwise, damage may occur.
- Use the battery provided by qualified manufacturer. Refer to the product specification for detailed battery requirements.
- CAUTION: Risk of explosion if the battery is replaced by an incorrect type.
- Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
- Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
- Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
- Dispose of used batteries according to the instructions.
- Use the battery provided by qualified manufacturer. Refer to the product specification for detailed battery requirements.

### **Maintenance**

- If the product does not work properly, please contact your dealer or the nearest service center. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.
- Wipe the device gently with a clean cloth and a small quantity of ethanol, if necessary.
- 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 requirement of the device. The operating temperature shall be -20 °C to 55 °C (-4 °F to 131 °F), and the operating humidity shall be 95% or less.
- DO NOT expose the device to high electromagnetic radiation or dusty environments.
- DO NOT aim the lens at the sun or any other bright light.

### **Maintenance**

- If the product does not work properly, please contact your dealer or the nearest service center. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.
- Wipe the device gently with a clean cloth and a small quantity of ethanol, if necessary.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the device may be impaired.

### **Emergency**

- If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.

### **Manufacture Address**

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

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## 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 ([www.hikmicrotech.com/](http://www.hikmicrotech.com/)).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.

IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATTER PREVAILS.

## Regulatory Information

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These clauses apply only to the products bearing the corresponding mark or information.

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### EU/UK Compliance Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Directive 2014/30/EU (EMCD), Directive 2014/35/EU (LVD), Directive 2011/65/EU (RoHS).



This product and - if applicable - the supplied accessories too are marked with "UKCA" and comply therefore with the following directives: Radio Equipment Regulations 2017, Electromagnetic Compatibility Regulations 2016, Electrical Equipment (Safety) Regulations 2016, the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

#### Frequency Bands and Power (for CE/UKCA)

The frequency bands and transmitting power (radiated and/or conducted) nominal limits applicable to the following radio equipment are as follows:

Wi-Fi 2.4 GHz (2.4 GHz to 2.4835 GHz), 20 dBm

For the device without a supplied power adapter, use the power adapter provided by a qualified manufacturer. Refer to the product specification for detailed power requirements.

For the device without a supplied battery, use the battery provided by a qualified manufacturer. Refer to the product specification for detailed battery requirements.



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)

According to the Waste Electrical and Electronic Equipment Regulations 2013: Products marked with this symbol cannot be disposed of as unsorted municipal waste in the United Kingdom. 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)



Directive 2006/66/EC and its amendment 2013/56/EU (Battery Directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: [www.recyclethis.info](http://www.recyclethis.info).

According to the Batteries and Accumulators (Placing on the Market) Regulations 2008 and the Waste Batteries and Accumulators Regulations 2009: This product contains a battery that cannot be disposed of as unsorted municipal waste in the United Kingdom. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: [www.recyclethis.info](http://www.recyclethis.info).

### Industry Canada ICES-003 Compliance

This device meets the CAN ICES-003 (B)/NMB-003(B) standards requirements.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.

ce matériel est conforme aux limites de dose d'exposition aux rayonnements, CNR-102 énoncée dans un autre environnement.

### KC

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