

User Manual

Action Camera

HIKCam A7E

V6.0.24 202606



Contact Us

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1 Overview

1.1 Introduction

HIKCam A7E is an outstanding action camera for recording wonderful moments with up to 4K clarity. The lightweight design redefines portability without compromising performance. Auto recoil-activated recording and 2× to 8× magnification ensure its applicability in multiple scenarios, including driven hunting, clay targets, small game, big game, and paper targets.

1.2 Main Function

- **Convenient Connectivity:** This seamless connection enables you to view your footage in real-time, providing instant feedback on your performance.
- **Easy-to-Use Functions:** The device can record videos and set parameters by HIKMICRO Sight app, making experience smarter and more convenient.
- **Recoil-activated Video:** The device can automatically start recording before the recoil-activation and end recording after the recoil-activation.

1.3 Appearance



Note

- The appearance may vary according to different models. Please take the actual product for reference.
 - Pictures in this manual are for illustration purpose only. Please take the actual product for reference.
-

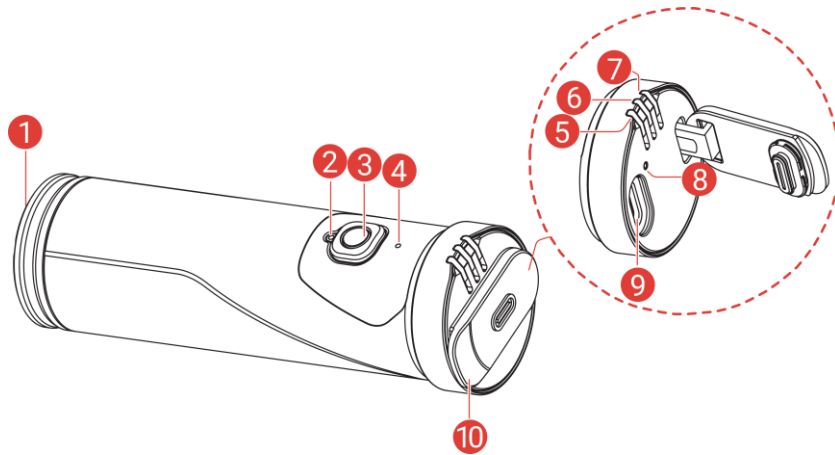


Figure 1-1 Appearance

Table 1-1 Component Descriptions

No.	Component	Description
1	Digital Lens	For digital imaging.
2	Reset Key	Hold for about 5 seconds to reset the device to factory settings and erase all data. Use it only when necessary.
3	 Power Key	● Press: Wake up device; Start/Stop recording videos. ● Double-Press: Turn on/off hotspot and Bluetooth. ● Hold: Power on/off.
4	Microphone	To record audio.
5	Power Indicator	Indicates the status of device.
6	Recording Indicator	Indicates the recording status of device.
7	Hotspot Indicator	Indicates the hotspot connection status of device.
8	Charging Status Indicator	Indicates the charging status of device.
9	Type-C Interface	To connect the device to power supply or transmit data with a type-C cable.
10	Type-C Interface Cover	Protects the type-C interface from water or dust.



Note

If the device becomes unresponsive, hold the reset key for about 13 seconds to reboot the device. Do not use this function during normal operation, as it will reset the device to factory settings and erase all data.

Indicator Description

● Power Indicator

Indicator Status	Description
/	Off: Device is powered off.
	Solid Red: Device is on.
	Flashing Red: Device is in standby mode.

● Recording Indicator

Indicator Status	Description
/	Off: In Normal storage mode, device storage is full and recording stopped.
	Solid Green: Recording.

● Hotspot Indicator

Indicator Status	Description
/	Off: Hotspot is turned off.
	Solid Yellow: Device is connected to the phone.
	Flashing Yellow: Device is ready to connect to the phone.

● Charging Status Indicator

Indicator Status	Description
	Flashing Red & Green Alternately: Error occurred.
	Solid Red: Charging.

	Solid Green: Fully charged.
---	------------------------------------

● Power Indicator + Recording Indicator

Indicator Status	Description
	● Flashing Red & Flashing Green Simultaneously: Recording while device storage is low. In Loop Overwrite storage mode, device will automatically delete the oldest videos to continue recording. ● Flashing Red & Flashing Green Simultaneously 3 Times: In Normal storage mode, recording cannot be started because device storage is full.

● Power Indicator + Hotspot Indicator

Indicator Status	Description
	Flashing Red & Flashing Yellow Simultaneously: Device battery low. Please charge the device.

● Power Indicator + Recording Indicator+ Hotspot Indicator

Indicator Status	Description
	All Indicators Off -> Flashing Red & Flashing Green & Flashing Yellow Simultaneously Once -> All Indicators Off: Device is reset to factory settings.



Note

- When recording starts with hotspot enabled, only the recording indicator remains on and the hotspot indicator turns off. During recording, the hotspot remains in its current state and cannot be changed.
- When device battery is low, the indicator status display follows the priority below: Reset to factory settings > Battery low > Storage full.

2 Preparations

2.1 Cable Connection

Connect the device and power adaptor with a type-C cable to power on or charge the device. Alternatively, connect the device and PC to export files.

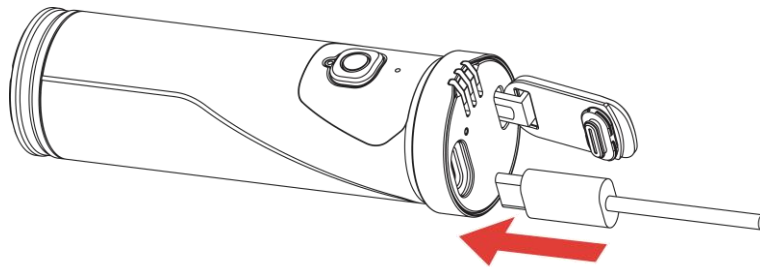


Figure 2-1 Charge the Device



Note

- Make sure the battery temperature is between 0 °C to 50 °C (32 °F to 122 °F) when charging.
 - Charge the device for more than 6 hours before first use.
 - The device comes with a built-in rechargeable 18650 battery. The built-in battery size should be 21.6 mm × 66.5 mm, the rated voltage is 3.635 V, and the battery capacity is 3400 mAh.
 - Some device settings are unavailable when charging the device. Please refer to the actual device functions.
-

2.2 Mount Device on Rail

Steps

1. Unscrew the ring top with Allen wrench.

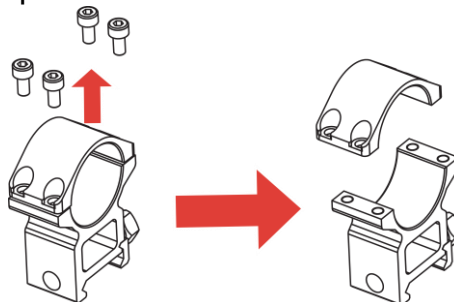


Figure 2-2 Unscrew the Ring Top

2. Place the device in the bottom half of the ring, and align the top holes with bottom holes.

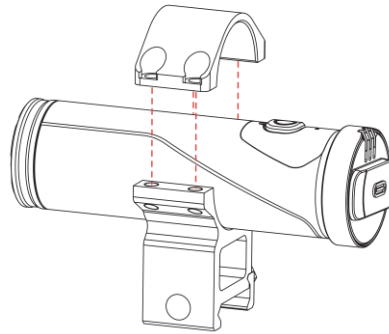


Figure 2-3 Place the Device in the Ring

3. Insert and tighten the screws.

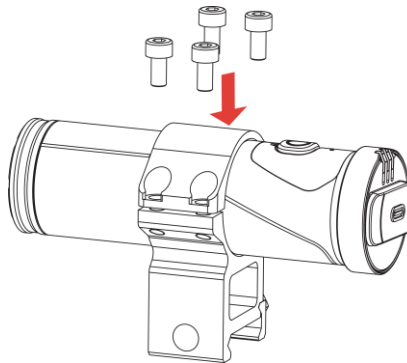


Figure 2-4 Tighten the Screws

4. Loosen the screw on the bottom half of the ring.

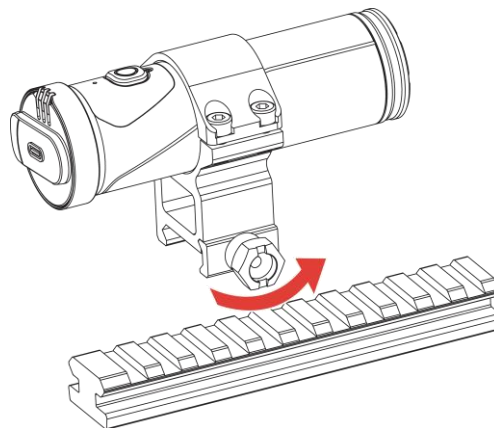


Figure 2-5 Loosen the Screw

5. Attach the bottom half of the ring to the rail, and tighten the screw on the ring. Make sure the device stays level.

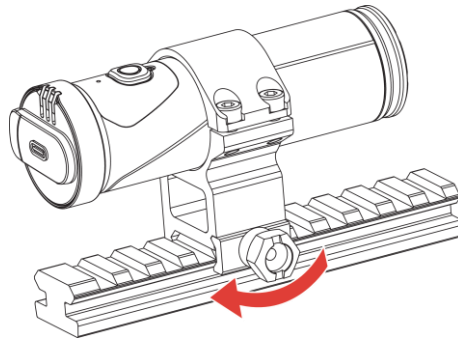


Figure 2-6 Tighten the Screw



Note

- The ring may vary according to different models. Please refer to the actual product.
 - Please purchase the ring separately.
 - Use lint-free cloth to clean the device base and the rail.
-

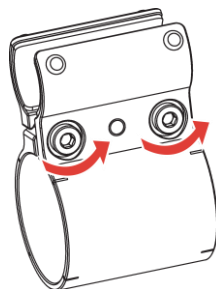
2.3 Mount Device on Tube

Two types of brackets are selectable. The bracket may vary according to different models. Please refer to the actual product.

Steps

1. Unscrew the ring top with Allen wrench.

A



B

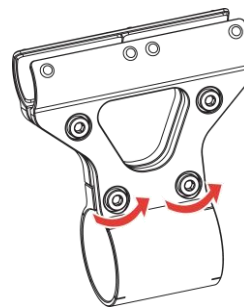
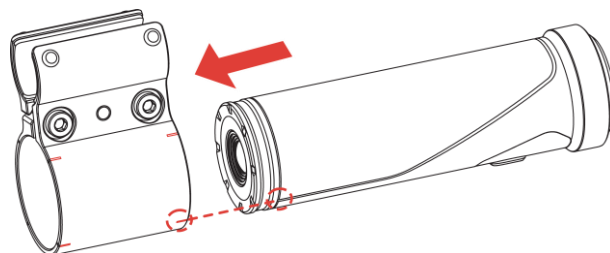


Figure 2-7 Unscrew the Ring Top

2. Align the groove on the device with a reference line on the bracket, then place the device in the bracket seat.

A



B

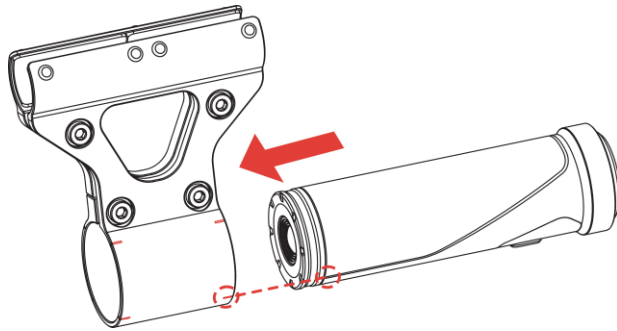
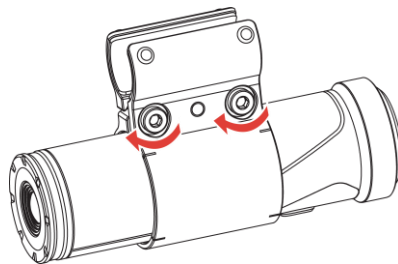


Figure 2-8 Place the Device in the Bracket

3. Tighten the camera-mounting screws securely.

A



B

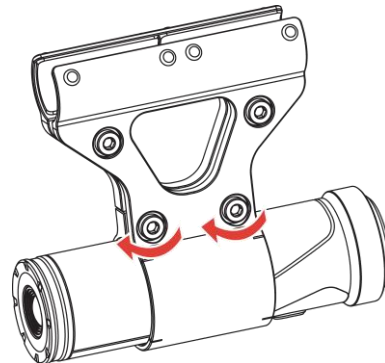
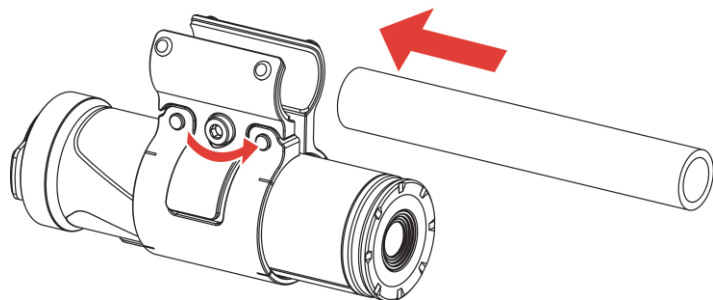


Figure 2-9 Tighten the Screws

4. Loosen the tube-clamp screw(s), and place the bracket with the device under the tube.

A



B

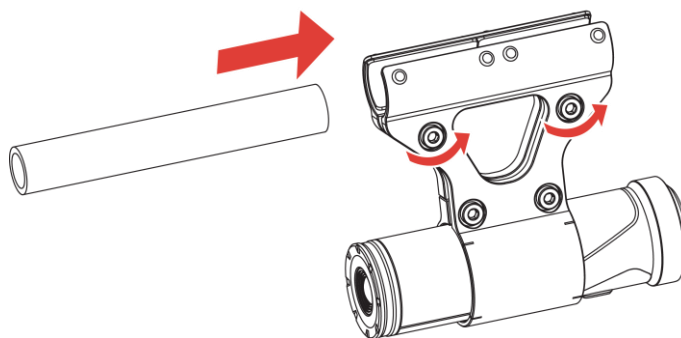
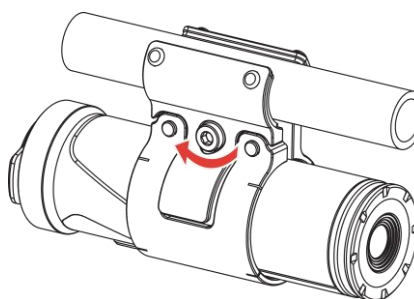


Figure 2-10 Loosen the Screw(s)

5. Align the device straight under the tube, and then tighten the screw(s) securely.

A



B

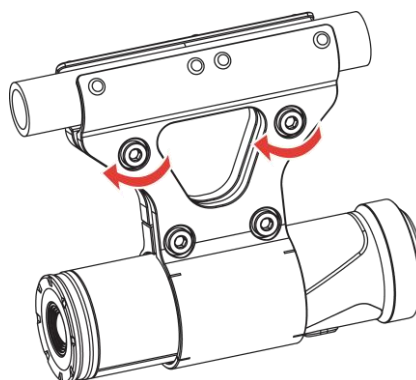


Figure 2-11 Tighten the Screw(s)



Note

Please purchase the bracket separately.

2.4 App Connection

Connect the device to the HIKMICRO Sight App via hotspot, and then you can view the live image and configure parameters of the device on your phone.

Steps

1. Search for 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

2. Hold the power key to power on the device, and double press the power key to turn on the device hotspot and Bluetooth.
3. When the hotspot indicator flashes yellow, the device is ready to connect to the phone.
4. Open the app and tap  to connect to the device hotspot via Bluetooth according to the prompts.
5. You can check the live view image and set parameters of the device on your phone.



Note

- The hotspot and Bluetooth will be turned off if there is no connection for over 10 minutes.
 - If you connect your phone with the device via Bluetooth, keep the device close to the phone within 10 m.
 - You can also connect your phone with the device by scanning the QR code. When the hotspot indicator flashes yellow, open the app and tap  to scan the QR code on the device package to establish the connection according to the prompts.
 - When the device is connected to your phone, you can change the hotspot password via the HIKMICRO Sight app.
 - Hotspot cannot be enabled when device battery is low.
 - The hotspot password will be updated when you reset the device (refer to ***Reset Device***). In this case, you need to reconnect to the device.
-

2.5 Change Hotspot Password

You can change the hotspot password via the HIKMICRO Sight app.

Steps

1. Open the HIKMICRO Sight and connect your device to the app.

2. Go to **Product Info** and tap **Change Hotspot Password** to enter the setting interface.
3. Enter the new password and tap **Confirm**.



Note

- The password should be 8 characters, including at least two of the following categories: uppercase letters, lowercase letters, and numbers.
- The password cannot contain "admin" or "nimda".

4. After the hotspot password is successfully changed, tap **Back to Home** to reconnect the device via Bluetooth (refer to *App Connection*).



Note

If you tap **Reconnect Device**, you will be redirected to enter the new password in the WLAN settings. Then open the app and enter the same password again if prompted.

2.6 Firmware Status

2.6.1 Check Firmware Status

Steps

1. Open the HIKMICRO Sight and connect your device to the app.
2. Check if there is an upgrade prompt on the device management interface. If there is no upgrade prompt, the firmware is the latest version. Otherwise, the firmware is not the latest version.

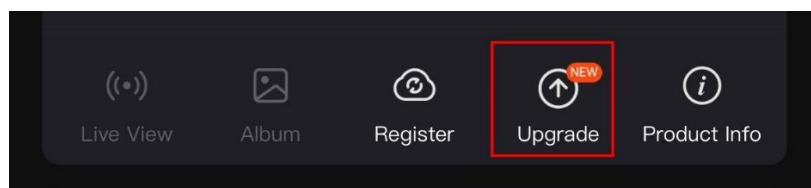


Figure 2-12 Check Firmware Status

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

2.6.2 Upgrade Device

Upgrade Device via HIKMICRO Sight

Before You Start

Make sure the device has sufficient battery.

Steps

1. Open HIKMICRO Sight App and connect your device to the App.
2. Tap the upgrade prompt to enter the firmware upgrade interface.
3. Tap **Upgrade** to start upgrade.



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

- Make sure the device has sufficient battery.
- 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, and the device upgrades automatically.
-



Caution

During the upgrade package transmission, make sure the device is connected to your PC. Otherwise, it may cause unnecessary upgrade failure, firmware damage, etc.

3 Device Settings

You can configure parameters such as action settings and recording settings for the device after the device is connected to the app.



Note

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

3.1 Home Page

When the device is connected to your phone, open **HIKMICRO Sight** and you can see the device on the home page.

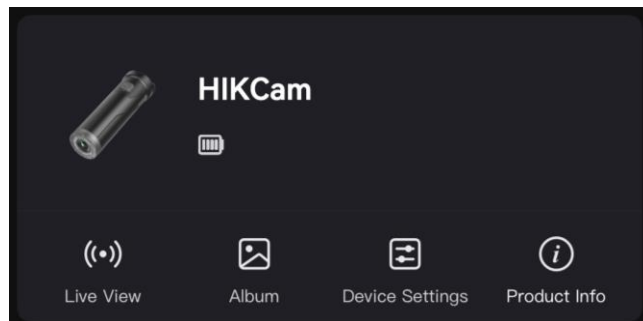


Figure 3-1 Home Page

Table 3-1 Home Page Description

Function	Description
Live View	● Check and set display of the live view image. ● Capture and record videos. ● Set video format, zoom ratio, and scenarios. ● Select a reticle and reticle type. ● Enable/disable the audio during the live view.
Album	View and manage files stored in the local and device album.
Device Settings	Set device parameters for better using experience.
Product Info	● Edit device alias. ● Check device status, available internal storage, serial No., firmware version, etc. ● Upgrade device firmware and change hotspot password.

Function	Description
	● Upload the device diagnosis logs and view operation logs.



Note

When recording is started from the app, videos are saved to the device album. Photos captured from the app are saved to the app's local album.

3.2 Action Settings

Go to **Device Settings** -> **Action Settings**, you can set scenarios, wake-up mode & sensitivity, and prerecord sensitivity according to your preference, or perform quick zero.

3.2.1 Set Scenario

You can select different scenarios for your target and recording needs. When a scenario is selected, the device accordingly adjusts the prerecording duration and timeout for entering standby mode.

Clays

It is recommended for clay targets and ground targets. The device automatically starts recording 2 s before recoil activation and ends recording 1 s after recoil activation. The device will enter standby mode after 20 s of no trigger action.

Small Game

It is recommended for flying birds or small game, such as rabbit and squirrel. The device automatically starts recording 6 s before recoil activation and ends recording 6 s after recoil activation. The device will enter standby mode after 30 s of no trigger action.

Big Game

It is recommended for big game hunting, such as turkey, deer, and boar. The device automatically starts recording 15 s before recoil activation and ends recording 20 s after recoil activation. The device will enter standby mode after 60 s of no trigger action.

Targets

It is recommended for fixed targets. The device automatically starts recording 2 s before recoil activation and ends recording 1 s after recoil activation. The device will enter standby mode after 60 s of no trigger action.

Custom

You can define scenarios according to your own preference. Set scenario name, prerecord duration, and recording duration in the custom settings. The device will enter standby mode after 60 s of no trigger action.

- Name: Enter a new name within 16 characters.
- Prerecord Duration: Set the recording time before the recoil-activation.
- Recording Duration: Set the recording time after the recoil-activation.

3.2.2

Set Wake-Up Mode & Sensitivity

Select wake-up mode and sensitivity for device as needed.

- **Raise to Wake**

Raise the tube to wake up the device. The smaller the angle, the higher the sensitivity, making it easier to wake up the device.

- **Knock to Wake**

Knock the stock or device to wake up the device. Higher sensitivity makes the device easier to wake up.

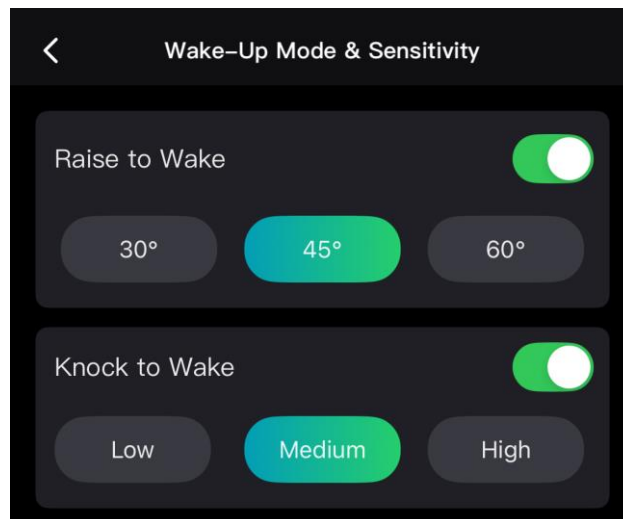


Figure 3-2 Wake-Up Mode & Sensitivity



Note

In addition to the above methods to wake up the device, the device can also be awakened by pressing the power key.

3.2.3 Set Prerecord Sensitivity

Set the prerecord sensitivity to suit different environments and requirements. Higher sensitivity allows even minor recoil to trigger prerecording.

3.2.4 Zeroing

Zeroing can help you aim at the target with high accuracy by marking the offset between the reticle and the point of impact. Functions such as **Freeze** help to adjust the reticle more accurately.

Steps

1. Go to **Device Settings**, and tap **Quick Zero** to enter configuration interface.
2. After synchronizing data from the device, select a reticle (user group) you want to correct.
3. Select a reticle type after enabling it.
4. Input the number to set the distance to the target. You can also switch the unit as needed.
5. Tap **Continue** and page will be turned to the live view interface, and then aim at the target and pull the trigger.
6. Tap **Freeze** to freeze the image.
7. Use the directional buttons or swipe on the screen to move the reticle until it aligns with the point of impact.



Figure 3-3 Quick Zero

8. Pull the trigger again to verify that the reticle aligns with the point of impact.

9. Once the reticle aligns with the point of impact, tap **Save** to save the parameters and exit the live view interface. Tap **Completed** to finish zeroing.
10. (Optional) Tap **Next Profile** for to set the position for other reticles.

Result

The position of the reticle is saved and you can check it on the live view interface.



Note

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

3.3 Image Settings

3.3.1 Mirroring

In the live view interface, tap  to mirror the live view as needed for correct image orientation when the device is mounted in different orientations.

3.3.2 Rotating 180°

In the live view interface, tap  to rotate the live view 180° as needed for correct image orientation when the device is mounted in different orientations.

3.4 Recording Settings

Go to **Device Settings** -> **Recording Settings**, you can set video format, video encoding format, and recording speed to suit your own necessity.



Note

- When recording is started in the app, the recording indicator stays on, and recording cannot be stopped with power key on device.
 - When recording is started on the device, recording cannot be stopped in the app.
 - Prerecording cannot be triggered during recording, and recording is unavailable during prerecording.
 - The maximum continuous recording time is 10 minutes. Recording will stop automatically when the time limit is reached.
-

3.4.1 Set Video Format

Set the video resolution, frame rate, and corresponding zoom ratio as needed. Higher resolution improves video clarity, but also increases the file size for videos of the same duration.

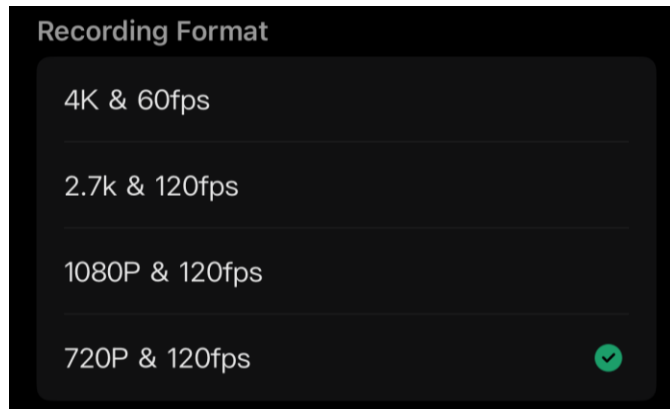


Figure 3-4 Recording Format



Note

- When the video resolution is set to 1080p (4X) or 720p, the zoomed view centers on the image center when the reticle is disabled. When the reticle is enabled, the zoomed view centers on the reticle, with the reticle and zoomed image moved to the center of the display.
- When the video resolution is set to 1080P (2X), 2.7K, or 4K, the zoomed view centers on the image center, regardless of whether the reticle is enabled or disabled.

3.4.2 Set Video Encoding Format

H.265

H.265 offers improved compression efficiency, further saving bandwidth and storage space. It is suitable for scenarios requiring UHD (Ultra High Definition) video.

H.264

H.264 offers good compatibility and low processing requirements, making it suitable for real-time transmission and applicable in most scenarios.



Note

Some computers or mobile devices may not support video decoding in H.265 format. A compatible H.265 player or decoder plugin is required to view the videos properly.

3.4.3 Recording Speed

Select the recording speed according to your needs. The recording speed affects the length of the recorded video.

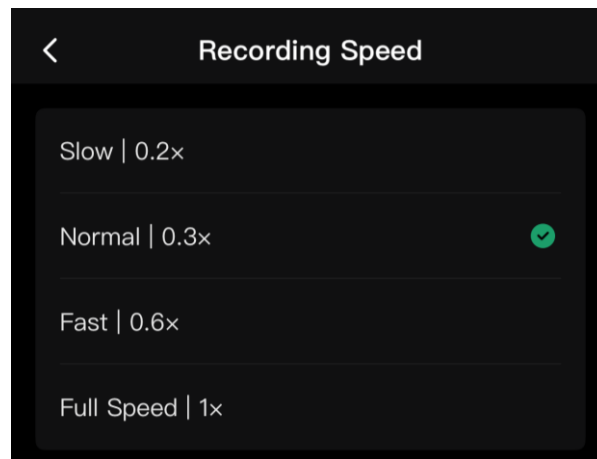


Figure 3-5 Set Recording Speed

3.5 Set Audio

3.5.1 Set Audio during Live View

You can turn on/off audio during the live view. In the live view interface, tap  to turn on **Audio**.

3.5.2 Set Audio during Recording

If you turn on the function, the sound will be recorded with the video. In the **Recording Settings**, switch on **Audio with Video Recording**.



The Audio with Video Recording setting cannot be changed during recording.

3.6 File Management

3.6.1 View Files

You can view files in **Album**.

- **Local:** You can view the photos captured on app, or downloaded files from device.
- **Device:** You can view the files of the current device.



Note

Photos are stored in the local album, while videos are stored in the device album.

3.6.2 File Operations

The captured images and recorded videos are saved in album. You can view file information, download files to local albums, delete files, share files, etc.

Table 3-2 File Operation

Task	Operations
Filter Files	Select filter type to filter the files. All , Picture , and Video are selectable.
Download Files	● Open a file, and tap  to download a single file. ● Tap  to tap to select one or multiple files to be downloaded, and tap  to download.
View File Information	Tap  to view the file information, such as file name, captured date, and file size.
Delete Files	● Open a file, and tap  to delete a single file. ● Tap  to tap to select one or multiple files, and tap  to delete according to the prompts.
Share Files	 Note Only files in the Local album can be shared. ● Open a file, and tap  to share a single file. ● Tap  to tap to select one or multiple files, and tap  to share according to your preference.

3.6.3 Export Files

Export Files via HIKMICRO Sight

You can export files to your phone via **HIKMICRO Sight**. See *File Operations*.

Export Files via PC

Steps

1. Connect the device and PC with a USB type-C 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 in May 2026, go to **DCIM -> 202605** to find the picture or video.
3. Select and copy the files to PC.
4. Disconnect the device from your PC.



Note

- When you connect the device to PC for the first time, it installs the drive program automatically.
 - Recording is unavailable when you connect the device to PC.
-

4 System Settings

4.1 Set OSD

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

Steps

1. In the **Recording Settings**, tap **Watermark** to enter OSD setting interface.
2. Switch on/off the selected OSD information, including **Brand Logo**, **Date**, **Time**, and **Battery**.
3. Time format can also be selected. **24-Hour Time** and **12-Hour Time** are selectable.

4.2 Synchronize Time

Go to **Product Info** and tap **Time Sync** to synchronize the time of device.

4.3 Set Storage Mode

You can select storage mode according to your preference. In the **Device Settings**, go to **Advanced Settings** and tap **Storage Mode**. **Loop Overwrite** and **Normal** are selectable.

- **Loop Overwrite**: When the storage is full, the device will automatically delete the oldest videos to save new recordings.
- **Normal**: When the storage is full, the device will stop recording, and recording cannot be resumed until space is freed.

4.4 Set Low Power Mode

Low power mode helps the device to save power. Switch on **Low Power Mode** in **Advanced Settings**. After 1 hour in standby mode, the device will enter low power mode to save power.

4.5 Edit Device Name

You can customize the name for your device.

Steps

1. Tap **Product Info** on the home page to enter the setting interface.
2. Tap **Device Alias** to enter a new name within 32 bytes, and tap **Confirm** to save and exit.

4.6 Check and Upload Diagnostic Log

Go to **Product Info** -> **Device Operation Logs** to check the operation logs, and tap **Device Diagnosis** to upload diagnostic logs for troubleshooting.

4.7 View Device Information

Tap **Product Info** on the home page to enter the device information interface, where you can view the device information, such as available storage space, firmware version, warranty details, and serial No.

4.8 Restore Device

This function will not erase storage, hotspot password, or zeroing data.

Steps

1. Go to **Device Settings** -> **Advanced Settings**, and tap **Restore Default** to enter configuration interface.
2. Tap **Restore** to restore the device to defaults according to the prompt.

4.9 Reset Device

Resetting the device to factory settings will erase all content and settings, including storage, hotspot password, and zeroing data.

Steps

1. Go to **Device Settings** -> **Advanced Settings**, and tap **Restore Default** to enter configuration interface.
2. Tap **Reset** to reset the device to defaults according to the prompt.



Note

The hotspot password will be updated when you reset the device. In this case, you need to reconnect to the device according to the prompt.

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).

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

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Regulatory Information

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

EU Conformity 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 2011/65/EU (RoHS), Directive 2014/53/EU.

Hereby, Hangzhou Microimage Software Co., Ltd. declares that this device (refer to the label) is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://www.hikmicrotech.com/en/support/download-center/declaration-of-conformity/>

Frequency Bands and Power (for CE)

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

Bluetooth: 2.4 GHz (2.4 GHz to 2.4835 GHz): 20 dBm;

Wi-Fi 5 GHz (5.15 GHz to 5.25 GHz): 23 dBm

5.15~5.25 GHz 屋内使用のみ。

RF Exposure Information

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure.

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

Regulation (EU) 2023/1542 (Battery Regulation): This product contains a battery and it is in conformity with the Regulation (EU) 2023/1542. The battery 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), or lead (Pb). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.

INFORMATIONEN FÜR PRIVATE HAUSHALTE

1. Getrennte Erfassung von Altgeräten:

Elektro- und Elektronikgeräte, die zu Abfall geworden sind, werden als Altgeräte bezeichnet. Besitzer von Altgeräten haben diese einer vom unsortierten Siedlungsabfall getrennten Erfassung zuzuführen. Altgeräte gehören insbesondere nicht in den Hausmüll, sondern in spezielle Sammel- und Rückgabesysteme.

2. Batterien und Akkus sowie Lampen:

Besitzer von Altgeräten haben Altbatterien und Altakkumulatoren, die nicht vom Altgerät umschlossen sind, die zerstörungsfrei aus dem Altgerät entnommen werden können, im Regelfall vor der Abgabe an einer Erfassungsstelle vom Altgerät zu trennen. Dies gilt nicht, soweit Altgeräte einer Vorbereitung zur Wiederverwendung unter Beteiligung eines öffentlich-rechtlichen Entsorgungsträgers zugeführt werden.

3. Möglichkeiten der Rückgabe von Altgeräten:

Besitzer von Altgeräten aus privaten Haushalten können diese bei den Sammelstellen der öffentlich-rechtlichen Entsorgungsträger oder bei den von Herstellern oder Vertriebern im Sinne des ElektroG eingerichteten Rücknahmestellen unentgeltlich abgeben. Rücknahmepflichtig sind Geschäfte mit einer Verkaufsfläche von mindestens 400 m² für Elektro- und Elektronikgeräte sowie diejenigen Lebensmittelgeschäfte mit einer Gesamtverkaufsfläche von mindestens 800 m², die mehrmals pro Jahr oder dauerhaft Elektro- und Elektronikgeräte anbieten und auf dem Markt bereitstellen. Dies gilt auch bei Vertrieb unter Verwendung von Fernkommunikationsmitteln, wenn die Lager- und Versandflächen für Elektro- und Elektronikgeräte mindestens 400 m² betragen oder die gesamten Lager- und Versandflächen mindestens 800 m² betragen.

Vertreiber haben die Rücknahme grundsätzlich durch geeignete Rückgabemöglichkeiten in zumutbarer Entfernung zum jeweiligen Endnutzer zu gewährleisten. Die Möglichkeit der unentgeltlichen Rückgabe eines Altgerätes besteht bei rücknahmepflichtigen Vertreibern unter anderem dann, wenn ein neues gleichartiges Gerät, das im Wesentlichen die gleichen Funktionen erfüllt, an einen Endnutzer abgegeben wird.

4. Datenschutz-Hinweis:

Altgeräte enthalten häufig sensible personenbezogene Daten. Dies gilt insbesondere für Geräte der Informations- und Telekommunikationstechnik wie Computer und Smartphones. Bitte beachten Sie in Ihrem eigenen Interesse, dass für die Löschung der Daten auf den zu entsorgenden Altgeräten jeder Endnutzer selbst verantwortlich ist.

5. Bedeutung des Symbols „durchgestrichene Mülltonne“:



Das auf Elektro- und Elektronikgeräten regelmäßig abgebildete Symbol einer durchgestrichenen Mülltonne weist darauf hin, dass das jeweilige Gerät am Ende seiner Lebensdauer getrennt vom unsortierten Siedlungsabfall zu erfassen ist.

Symbol Conventions

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

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

Safety Instruction

These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss. Please read all the safety information carefully before using.

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

- If a power adapter is provided in the device package, use the provided adapter only. If no power adapter is provided, ensure the power adapter or other power supply complies with Limited Power Source. Refer to the product label for the power supply output parameters.
- The power delivered by the charger must be between min. 0.84 Watts required by the radio equipment, and max. 10 Watts in order to achieve the maximum charging speed.
- Make sure the plug is properly connected to the power socket.
- DO NOT connect multiple devices to one power adapter, to avoid overheating or fire hazards caused by overload.

Battery

- The built-in rechargeable battery type is 18650, and the battery size should be 21.5 mm × 66.5 mm. The rated voltage is 3.635 V, and the battery capacity is 3400 mAh.
- For long-term storage of the battery, make sure it is fully charged every 3 months to ensure the battery quality. Otherwise, damage may occur.
- CAUTION: Risk of explosion if the battery is replaced by an incorrect type. Replace with the same or equivalent type only.
- Batteries of improper size cannot be installed, and may cause abnormal shutdown.
- Please purchase the batteries recommended by the manufacturer if necessary.
- The purchased batteries by users need to comply with the relevant

international standards about battery safety (e.g. EN/IEC standards).

- Make sure the battery temperature is between 0 °C to 50 °C (32 °F to 122 °F) when charging.
- Confirm there is no flammable material within 2 m of the charger during charging.
- DO NOT place the device with battery or the battery alone near heating or fire source. Avoid direct sunlight.
- 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.
- DO NOT place the battery in the reach of children.
- DO NOT swallow the battery to avoid chemical burns.
- The built-in battery cannot be dismantled. Please contact the manufacture for repair if necessary.
- CAUTION: Risks of short circuit, fire, or explosion if the battery is damaged. Frequent use, dropping, impact, corrosion, or compression of the battery may cause damages including cracked casing, detached plates, or leakage of internal liquid or gas, etc.
- If the battery is damaged, stop using it immediately and dispose of it according to the instructions.

Security Version

The security version is Product Security Redline V4.

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.
- Make sure that the power has been disconnected before device teardown and repair by professionals.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the device may be impaired.
- Check the optical surfaces of objective lens, eyepiece, rangefinder, etc. If necessary, remove dust and sand from the optics using tools and solvent designed especially for this purpose (it is preferable to use a

non-contact method).

- Wipe the exterior surfaces of metal, plastic, and silicone parts with a clean and soft cloth. Do not use chemically active substances, solvents, etc. as these may damage the paint.

Using Environment

- Make sure the running environment meets the requirement of the device. The operating temperature shall be -20 °C to 40 °C (-4 °F to 104 °F), and the operating humidity shall be from 5% to 95%.
- 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.
- Place the device in a dry and well-ventilated environment.
- Avoid equipment installation on vibratory surface or places subject to shock (neglect may cause equipment damage).
- This equipment is not suitable for use in locations where children are likely to be present.

Emergency

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

Limited Warranty

Scan the QR code for the product warranty policy.



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