HIKMICRO

User Manual

# Trail Camera T16

*V6.2.0 202605*

Contact Us

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# 1 Overview

## 1.1 Device Description

The HIKMICRO Trail Camera T16 offers exceptional day-and-night imaging with built-in infrared illumination, ensuring clear photos and videos without disturbing wildlife. Optional field-of-view configurations make it ideal for both wide-area observation and focused monitoring. Featuring 4G connectivity, it allows remote access via the Sight app, providing stale transmission, instant notifications and seamless data management. Flexible data plans ensure a tailored solution for all your wildlife tracking needs.

## 1.2 Main Function

- Convenient 4G network connection: T16 supports 4G cellular network, and you can view the captured photos/videos directly via HIKMICRO Sight app.
- Cloud album: You can browse, categorize and manage the captured images and videos in the cloud album.
- Rich yet ease-to-use functions via HIKMICRO Sight app: T16 supports managing camera settings and checking camera status via HIKMICRO Sight app.
- Remote Control: Set the interval of receiving captured HD photos and videos on app, or synchronizing settings. Refer to ***Set Remote Control Mode***.

## 1.3 Appearance

The pictures in this document are for reference only. The actual product may be different.

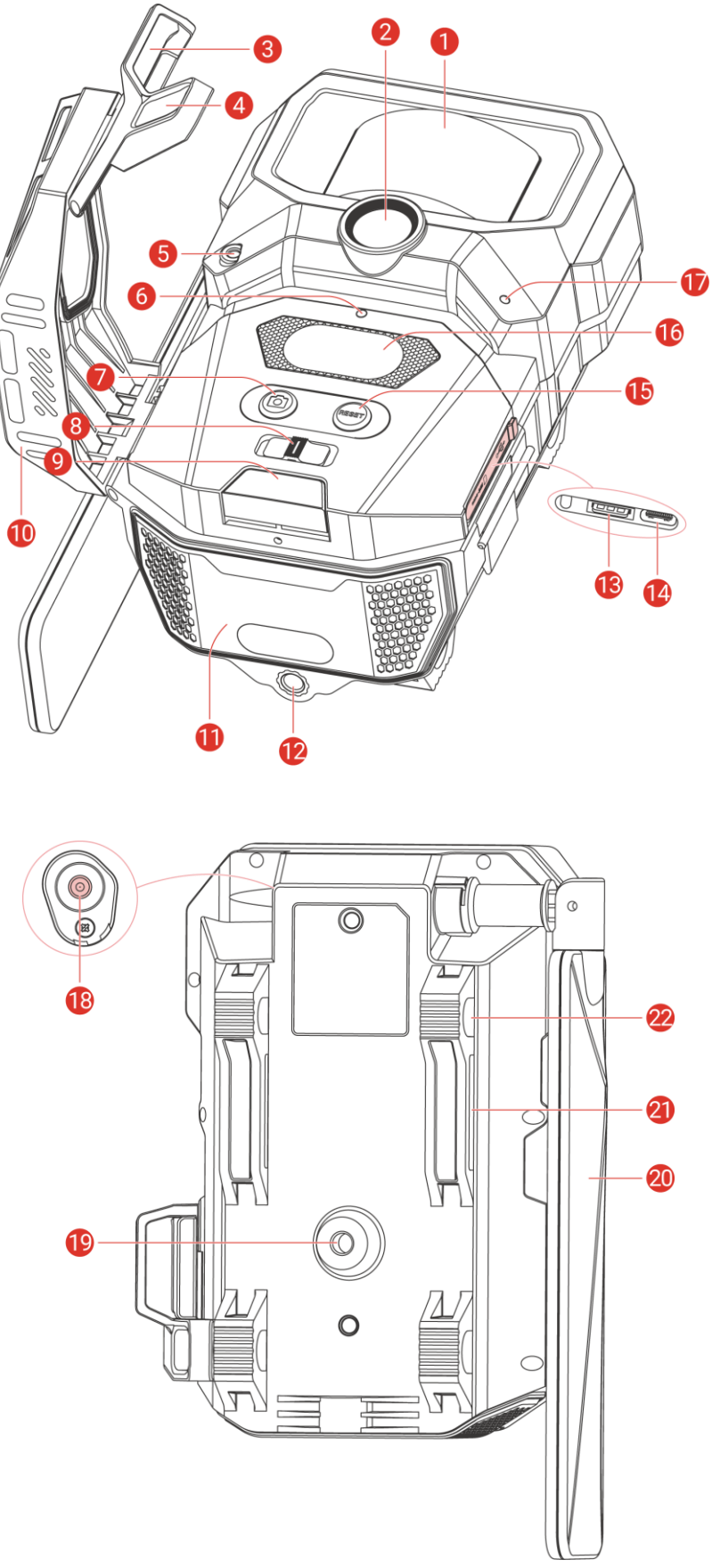



Figure 1-1 Appearance

Table 1-1 Component Descriptions

| No. | Component | Description |
|---|---|---|
| 1 | PIR Sensor | Detects movements of animals and triggers captures. |
| 2 | Lens | Views targets. |
| 3 | Cover Latch | Locks the protective cover. |
| 4 | Lock Hole | To lock the protective cover with a tie or strap. |
| 5 | Ambient Light Sensor | Senses ambient light to switch day/night imaging mode. |
| 6 | Indicator | From “Off” to “Setup” State:<br>● Flashing Green (5s): Device initializing.<br>● Solid Green: Device is ready for Wi-Fi connection and battery is sufficient (≥10%).<br>● Solid Red: Device is ready for Wi-Fi connection and battery is low (<10%).<br>● Flashing Green (2s): Picture/Video capture activated.<br>From “Setup” to “On” State: Flashing green for 10s and then off. Device switched to remote working mode and Wi-Fi turned off. |
| 7 | Capture Key | Press to capture a picture when the device is in Setup state. |
| 8 | On/Off/Setup Switch | ● On/Off: Turn on/off the device.<br>● Setup: Switch to this state to start device connection and app configuration. |
| 9 | Release Button | Press to release the battery compartment. |
| 10 | Protective Cover | Protects buttons and components. |
| 11 | Battery Compartment | Holds batteries. |
| 12/19 | Tripod Mount | For standard 1/4” tripod mount. |
| 13 | SIM Card Slot | To install the SIM card in it. |
| 14 | USB Type-C Interface | To export files via USB connection. |
| 15 | RESET Reset Key | Hold to reset factory default settings when the device is in Setup state. |
| 16 | Infrared Light | Helps to view targets clearly in dark environment. |

| No. | Component | Description |
|---|---|---|
| 17 | Microphone | Records sound. |
| 18 | DC Power Interface | 4.4×1.65 mm socket. To connect to an external power source (DC 12V/1A). |
| 20 | Antenna | For wireless signal transmission and reception. |
| 21 | Strap Attachment Points | To thread the strap through the holes. |
| 22 | Lock Hole | To lock the device with a tie or strap through the holes. |

# 2 Preparations

## 2.1 Install Batteries

### 2.1.1 Battery Instruction

- According to different battery compartments, the device supports AA batteries or rechargeable 18650 Li-ion batteries. For AA batteries, the battery voltage is 1.5 V. For 18650 Li-ion batteries, the battery voltage is 3.635 V.
- Make sure your batteries can work normally in the temperature range of -20 °C to 55 °C (-4 °F to 131 °F).
- Remove the batteries if the device is not used for a long time.
- The battery life varies according to different function settings.
- The battery capacity and quality will significantly affect the battery life.
- Connecting two batteries with significantly different voltages in series may cause the battery with lower voltage to be over-discharged and irreparable.

### 2.1.2 Battery Installation

***Steps***

1. Open the cover latch and then open the protective cover.

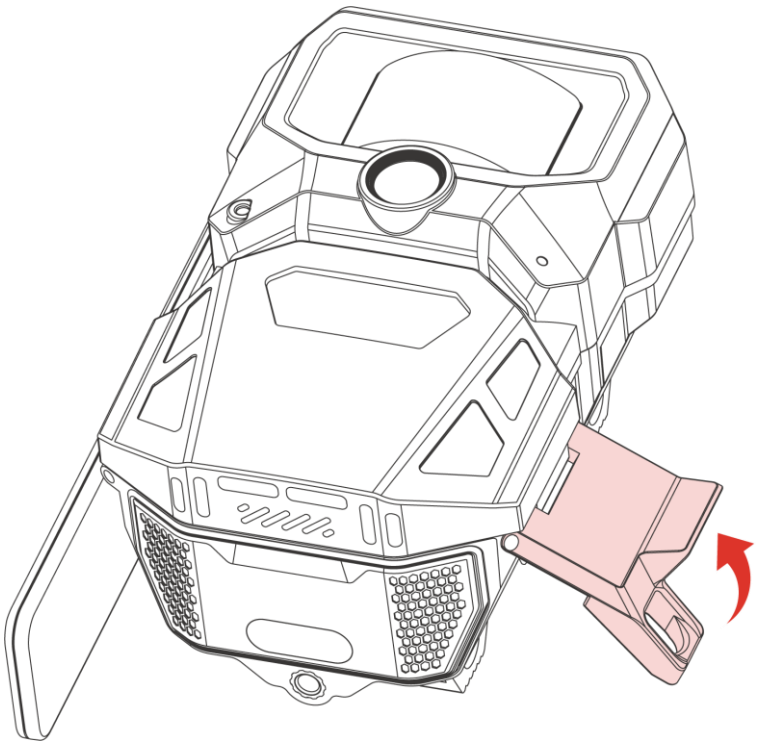


Figure 2-1 Open the Cover Latch

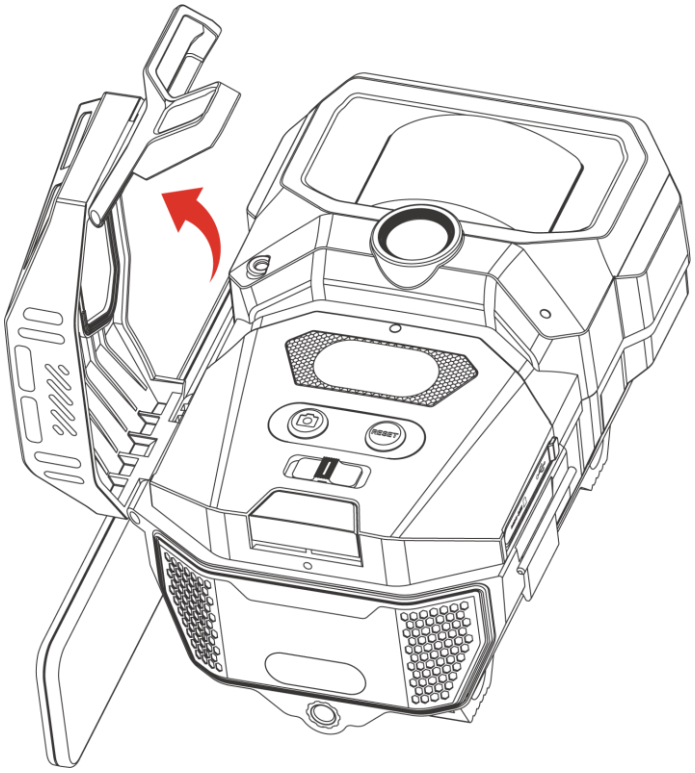


Figure 2-2 Open the Protective Cover

2. Press the battery compartment release button to release the battery compartment.

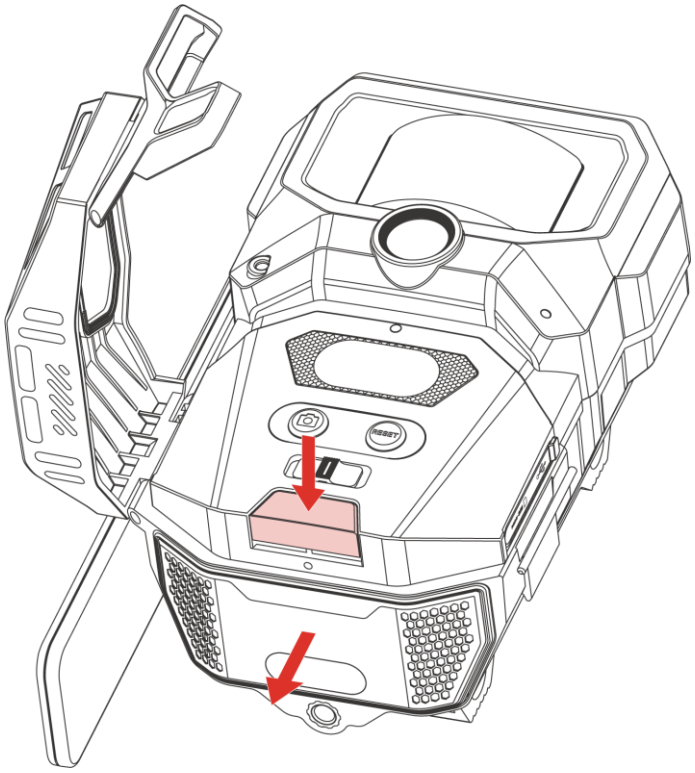


Figure 2-3 Release the Battery Compartment

3. Pull out the battery compartment and install the batteries.
   - Install twelve AA batteries (a): According to the positive and negative marks, install six AA batteries on the top and flip over the battery compartment to install the remaining six batteries.
   - Install four 18650 batteries (b): Install the batteries according to the positive and negative marks.

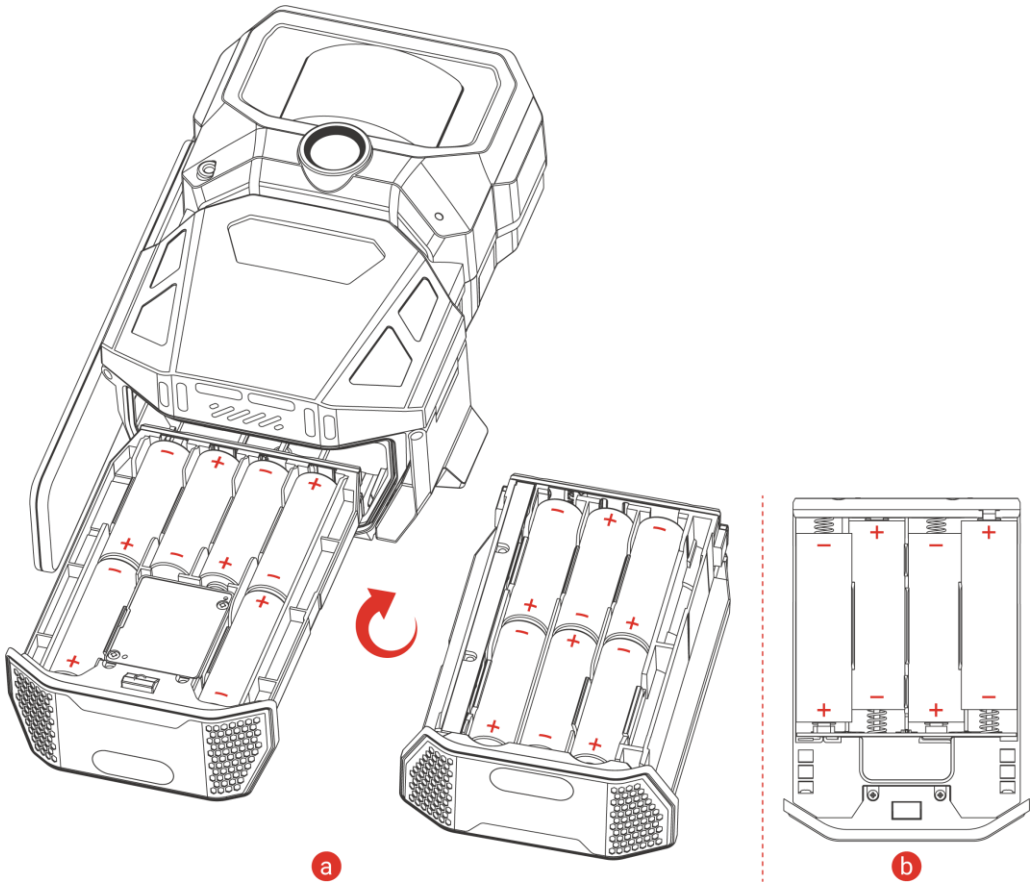



Figure 2-4 Install Batteries

**Note**

The battery compartment is with position limits inside. A little force is needed to pull it out.

4. Insert the battery compartment until it clicks into the lock position.

## 2.2 Adjust Antenna

The antenna has been pre-installed on the device. You can rotate it to adjust the antenna angle as needed.

**Note**

The antenna ensures well signal transmission and reception for proper wireless communication. Adjust the antenna position and angle for strong enough signal strength.

### 2.2.1 Vertical Rotation

You can rotate the antenna vertically within the maximum angle as shown in the figure.

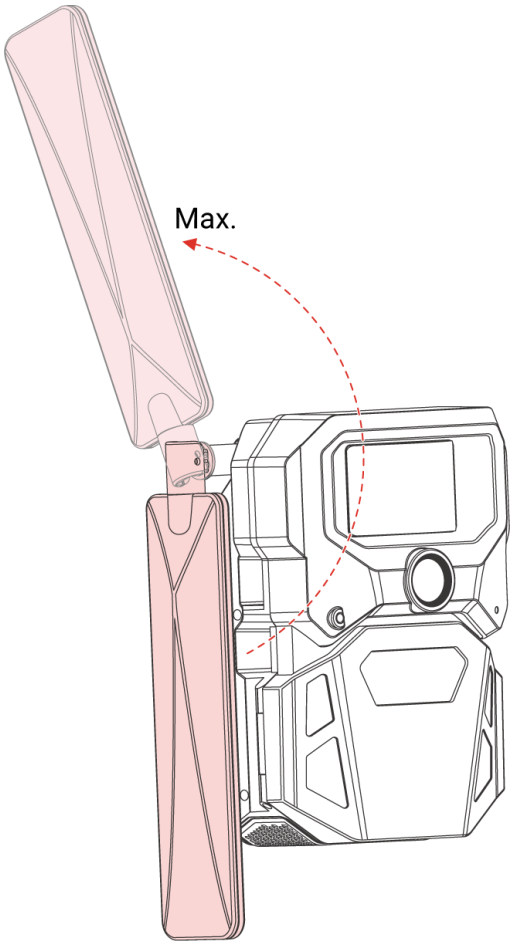



Figure 2-5 Vertical Rotation of Antenna

**Caution**

Be careful when rotating the antenna. Rotating it beyond the maximum angle will cause device damages.

### 2.2.2 Horizontal Rotation

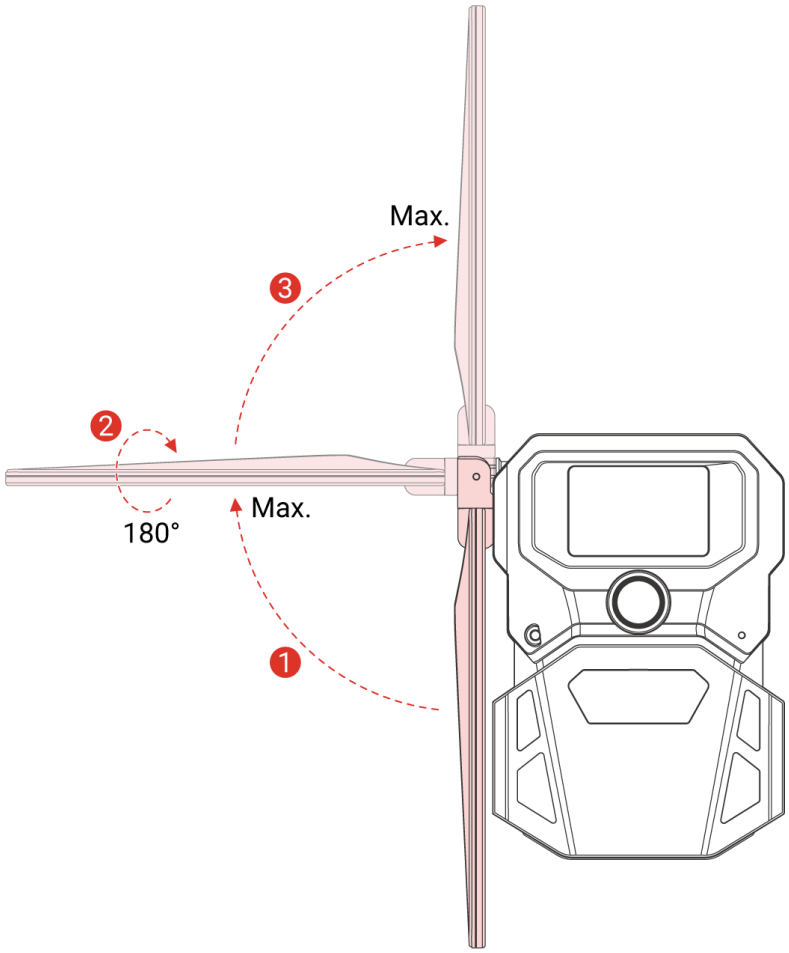



Figure 2-6 Horizontal Rotation of Antenna

***Steps***

1. Rotate the antenna by 90° to the horizontal position (1).

**Caution**

The antenna is with a position limit at the horizontal angle. DO NOT force to continue rotating it beyond this position, otherwise it will cause device damages.

2. Rotate the antenna counterclockwise by 180° to make it upside down (2).
3. Continue to rotate the antenna to the vertical position (3). DO NOT rotate it beyond the maximum angle.

## 2.3 Install SIM Card (Optional)

**Note**

- The SIM card has been pre-installed in the device. Do not reinstall the SIM card unless necessary. Pay attention to the installation direction, or the SIM card may be stuck in the slot.
- The pre-installed HIKMICRO SIM card or another HIKMICRO SIM card can be used for the cellular network communications of the device. The SIM cards from other providers are not supported.
- The device needs to be restarted after reinstalling the SIM card.

***Steps***

1. Push the SIM card inwards to eject it from the SIM card slot.
2. Ensure the installation direction of the SIM card is correct.
3. Insert the SIM card until it clicks into the lock position.

## 2.4 Install Device

### 2.4.1 Install with Strap

***Steps***

1. Thread the strap through the strap attachment points.

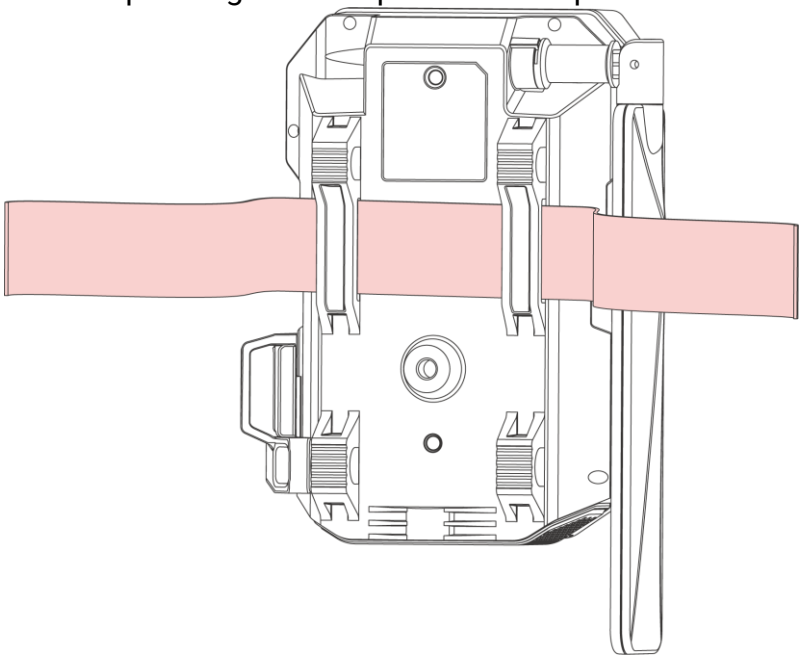


Figure 2-7 Thread the Strap

2. Fasten the strap on a tree trunk or a pole.

3. Adjust the device position as needed.

### 2.4.2 Install on Tripod (Optional)

You can install the device on a tripod via the tripod mounting thread holes. Adjust the device position as needed.

**Note**

The tripod is not included in the package. Please purchase it separately.

## 2.5 Install HIKMICRO Sight

Search for HIKMICRO Sight app 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

## 2.6 Device Connection

### 2.6.1 Connect Device via HIKMICRO Sight

***Before You Start***

- Switch the device to **Setup** state first.
- Open HIKMICRO Sight and register a user account.

***Steps***

1. Scan the QR code inside the protective cover via HIKMICRO Sight.

**Note**

- Please scan the QR code within 5 minutes after switching the device to **Setup** state. Otherwise the connection may fail.
- Refer to ***Appearance*** for the indicator status during the connection.



Figure 2-8 Scan QR Code

2. Activate the device according to the prompts of the app.

**Note**

If the connection is failed, refer to the prompts of the app for troubleshooting.

### 2.6.2 Device Card on Home Page

When connected to the device, you can check the device card on the home page.

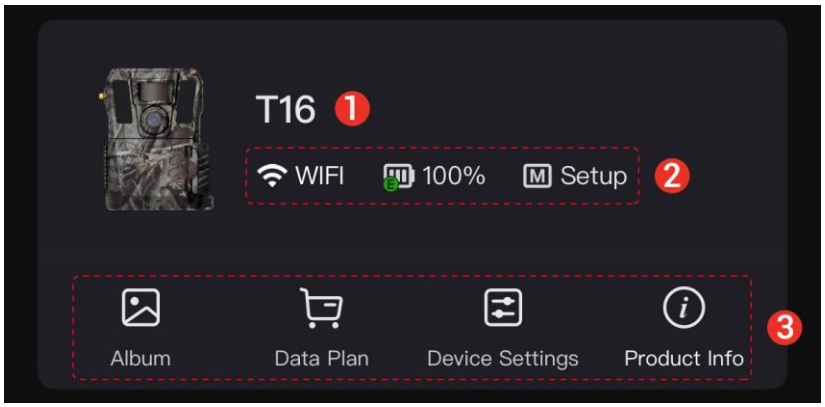



Figure 2-9 Device Card

1 **Device Name**: Displays the name of your device. To edit the device name, refer to ***View Product Information***.

2 **Device Status**: Including the connection status (WIFI/4G), battery level, and device mode (Setup/Real-Time/Delay).

3 **Functions**

- **Album**: Check the local and cloud albums of the device. Refer to ***File Management*** for the details.
- **Data Plan**: Check and purchase your data plan as needed.
- **Device Settings**: Configure the device parameters. Refer to ***Device Settings*** for the details.
- **Product Info**: Check the device information, upgrade the device, share the device, etc. Refer to ***View Product Information*** for the details.

## 2.7 Purchase Data Plan

When connected to the device, tap **Data Plan** on the home page of the app and purchase your data plan as needed.

**Note**

A data plan is required to use the cloud album and receive files via the app.

## 2.8 Configure Device Parameters

You can configure parameters on the app when connected to the device. Refer to ***Device Settings*** for the details.

# 3 Device Settings

When connected to the device, tap **Device Settings** on the home page.

You can configure the device parameters including Remote Control, PIR Sensitivity, Working Periods, Camera Mode, Scheduled Capture, etc.

**Note**

The device power consumption will be significantly increased in **Setup** state. Switch it to **On** state when the device configuration is completed.

## 3.1 Set Remote Control Mode

Set the interval of synchronizing device settings from the app and receiving HD photos/videos from the device. **Real-Time** and **Delay** are selectable.

### Real-Time

- Photos/GIFs captured by the device and the requested HD photos/videos will be pushed to the App in real time.
- Function configurations made via the App will also take effect immediately.
- In this mode, the device consumes more power.

### Delay (0.5h to 24h)

- Photos/GIFs captured by the device will still be pushed to the App in real time.
- The requested HD photos/videos pushing and function configurations made via the App will take effect after the set delay time or when the device goes online to push files.
- The delay timer resets each time the camera captures and pushes a file.
- In this mode, the device has longer battery life.

## 3.2 Set PIR Sensor

You can set the PIR (Passive Infrared) sensor detection sensitivity and the minimum PIR trigger interval of the device.

### 3.2.1 Set PIR Sensitivity

Set the sensitivity to **High**, **Medium** or **Low**.

Higher sensitivity makes it easier to detect heat sources (e.g., those farther away or moving faster) but also increases the risk of false triggers. Adjust the sensitivity according to actual needs.

### 3.2.2 Set Min. PIR Trigger Interval

Set the minimum time interval between each PIR trigger before the device takes the next photo or video, preventing frequent activations when animals linger in front of the device.

***Steps***

1. Tap to enable this function.
2. Set the time interval, and tap **Confirm**. The time interval is set in the format of hh:mm:ss.

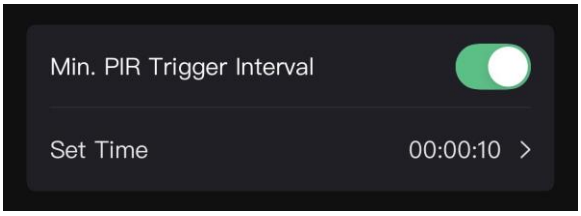



Figure 3-1 Set Min. PIR Trigger Interval

## 3.3 Set Working Periods

Set the daily working time periods for the device to better match animal activity patterns and extend battery life.

You can set up to three time periods. Outside these periods, the device will not push photos/videos to the App.

***Steps***

1. Tap to enable the Working Period you need to set.
2. Set the start and end time, and tap **Confirm**.

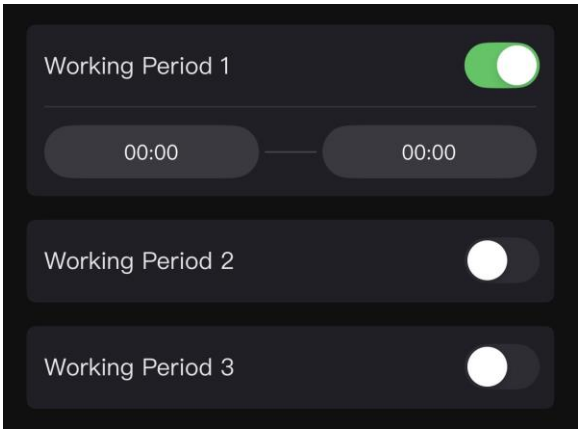



Figure 3-2 Set Working Period

## 3.4 Set Daily Upload Limit

Set the max. number of files uploaded to the cloud album per day. Adjust this value based on animal activity patterns and your data plan.

Photos and videos beyond the limit will be stored in the device internal storage and not uploaded.

***Steps***

1. Tap  to enable this function.
2. Set the upload limit and tap **Confirm**.

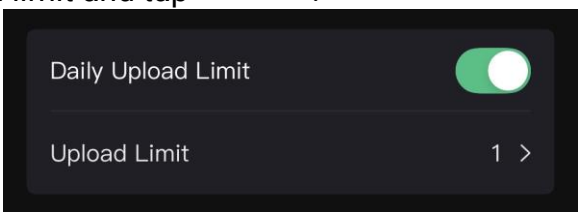



Figure 3-3 Set Daily Upload Limit

## 3.5 Capture Test

You can perform the capture test to confirm the remote capture and image upload is working properly via LTE network.

### Connection via Wi-Fi

***Before You Start***

The device is in **Setup** state and is connected to the app via Wi-Fi.

***Steps***

1. Tap **Device Settings > Live View via Wi-Fi**. You can check the live view image of the device.

**Note**
Live view of the device is only available when connected to the device in **Setup** state via Wi-Fi within 15 m.

2. Tap **Capture Test via LTE** to perform the capture test.
3. When the test is completed, tap **Capture Test Album** to check the images captured during the test.

### Connection via LTE

***Before You Start***

- The device is connected to the app via LTE network.
- The Remote Control mode is set to Real-Time.
- The device is mounted to an active data plan and the image upload limit is not exceeded.

***Steps***

1. Tap **Device Settings > One-Tap Capture**.
2. Tap **One-Tap Capture** again and wait until the capture is completed.
3. Check the captured image in the device album.

## 3.6 Capture Settings

You can set the parameters including Camera Mode, Image Size, Burst Capture, Scheduled Capture and Field of View.

### 3.6.1 Set Camera Mode

You can set the camera mode to **Photo**, **Video**, or **Photo & Video**. The device will capture only photos, only videos, or both photos and videos accordingly.

When recording videos, you can set whether to record audio by enabling or disabling **Audio with Video Recording**.

If only videos are selected, corresponding GIFs will be pushed to the App in real time. If both photos and videos are selected, both photos and GIFs will be pushed.

### 3.6.2 Set Image Size

Set the resolution of the images captured by the device in megapixels (MP).

Higher resolution improves image clarity but increases file size, occupies more storage space, and extends upload time for HD images.

### 3.6.3 Set Video Resolution & Duration

Select video resolution and recording duration. This function is available when the device is set to record video.

Higher resolution improves video clarity but shortens recording time. Select the appropriate settings based on actual requirements.

### 3.6.4 Set Burst Capture

You can set burst capture based on animal movement direction and speed, and select one image to upload.

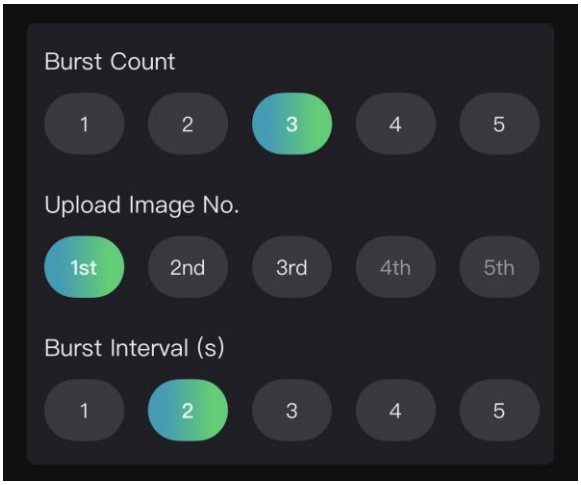



Figure 3-4 Set Burst Capture

#### Burst Count

Set the number of images to capture continuously.

#### Upload Image No.

Select which image in the burst sequence to upload.

#### Burst Interval

Set the time interval between consecutive images, in the unit of s (second).

### 3.6.5 Set Scheduled Capture

You can enable scheduled capture at fixed intervals, regardless of whether the PIR is activated.

***Steps***

1. Tap to enable this function.
2. Set the time interval, and tap **Confirm**. The time interval is set in the format of hh:mm:ss.

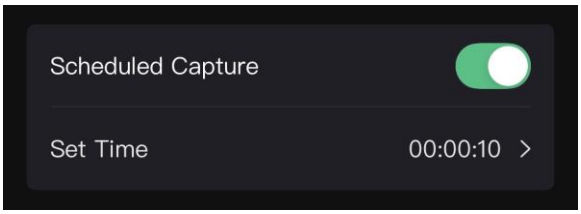



Figure 3-5 Set Scheduled Capture

### 3.6.6 Set Field of View

Select the Field of View (FOV) of the device. 100° and 60° are selectable.

A wider FOV expands the observation range, while a narrower FOV is better for observing distant targets.

## 3.7 System Settings

### 3.7.1 Set OSD

Set the additional information to include in the live view and captured images/videos of the device.

***Steps***

1. Tap to enable the items you need to display, including Brand Logo, Battery, Moon Phase, Temperature, and Date & Time.
2. Set the date format. MM-DD-YYYY and DD-MM-YYYY are selectable.

### 3.7.2 Set Internal Storage

You can set the Free Space Threshold, Loop Overwrite of the internal storage, or format the internal storage.

#### Free Space Threshold

Slide to set the percentage of the free space threshold.

The device will push a reminder when the free space falls below the set percentage.

#### Loop Overwrite

Tap to enable this function.

- When enabled, the earliest stored files will be overwritten by newly taken photos/videos when the device storage is full.
- If disabled, the device will not be able to take new photos/videos when the device storage is full.

#### Format Internal Storage

***Steps***

1. Tap the button **Format Internal Storage**.
2. Tap **Confirm** and wait until the operation is completed.

**Note**

All the data stored in the device storage will be cleared after the formatting.

### 3.7.3 GPS Settings

Tap to enable **GPS** and **Device Location Change Reminder**.

#### GPS

When enabled, device location information will be displayed and updated, and captured images will include location data.

#### Device Location Change Reminder

When enabled, a reminder will be pushed if the device location changes more than 100 m.

### 3.7.4 Set Infrared Light Power

Set the infrared light intensity for low-light environments to better identify targets. **SmartIR**, **High**, **Medium** and **Low** are selectable.

- Higher intensity brightens images in low light but may cause localized overexposure and reduce battery life.
- SmartIR automatically adjusts infrared light intensity based on ambient brightness and is recommended for most scenarios.

### 3.7.5 Set Device Diagnostics

Tap  to enable device diagnostics to collect device operation logs for troubleshooting.

# 4 File Management

## 4.1 View Files

Tap **Album** on the device card, or tap **Media** on the home page of the app to view the captured photos and recorded videos of the device.

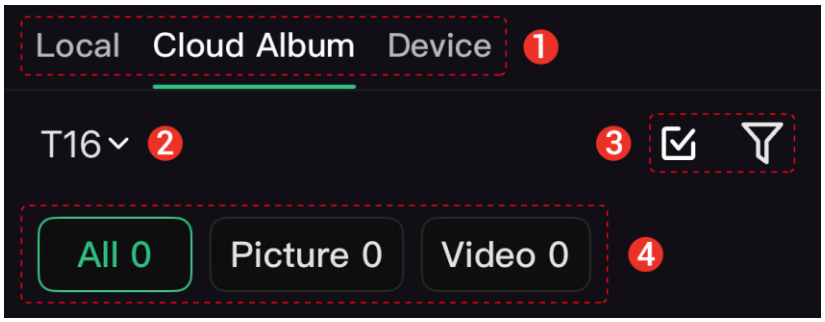



Figure 4-1 Album

1 Switch Albums

- **Local**: Check the photos/videos saved to your phone album.
- **Cloud Album**: Check the photos/videos uploaded to the cloud album.
- **Device**: Check the photos/videos saved in the device internal storage.

2 Switch Devices

Tap to switch different devices, including the devices bound to your account and shared with you by others.

3 Select/Filter Files

- Tap , and tap to select one or multiple files. You can also tap **Select All** to select all the files, and tap **Deselect All** to cancel the selection.
- Tap , and filter the files by **Time**, **Clarity** and **Tag**.

4 File Categories

You can tap to view the pictures only, the videos only or all the files.

## 4.2 File Operations

You can view file information, attach tags for files, download files to local albums, delete files, etc.

| Task | Operations |
| --- | --- |
| View File Information | 1. Tap to open a file.<br>2. Tap to view the file information, such as file name, capture time, size, and tags.<br>**Note**<br>File information varies according to different albums. E.g., tags are only available for a cloud album. |
| Attach Tags | 1. Tap to open a file.<br>2. Tap to enter the tag interface.<br>3. Select tags for the file. At most 5 tags can be attached.<br>**Note**<br>● This function is only available for a cloud album.<br>● You can customize tags for your files. |
| HD Resource Request | 1. Tap to open a file.<br>2. Tap to request the HD resource for the current file.<br>**Note**<br>● This function is only available for a cloud album.<br>● Purchase a data plan first before you request HD resources. |
| Download Files | 1. Tap , and tap to select one or multiple files to be downloaded.<br>2. Tap , and follow the prompt to download the files.<br>You can also open a file, and tap to download a single file. |
| Share Files | 1. Tap , and tap to select one or multiple files to be shared.<br>2. Tap , and follow the prompt to share the files. |

| Task | Operations |
| --- | --- |
| | You can also open a file, and tap to download a single file.<br>**Note**<br>This function is only available for the local album. |
| Delete Files | 1. Tap , and tap to select one or multiple files to be deleted.<br>2. Tap , and confirm on the prompt box to delete the files.<br>You can also open a file, and tap to delete a single file. |

**Note**

- and are only available for a cloud album.
- is only available for the local album.
- For the album of a device shared with you, only and are available.

## 4.3 Export Files

You can export HD photos and videos to your PC via a type-C cable.

***Steps***

1. Connect the device and PC with a type-C cable.
2. Open your computer disks and select the device disk. Go to the DCIM folder and find your captured images and videos.
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 driver program automatically.
- The device will switch to data transmission mode when connected via USB. Image capture will be suspended and the device will be offline from cloud service.

# 5 View Product Information

Tap **Product Info** on the device card to view the product information.

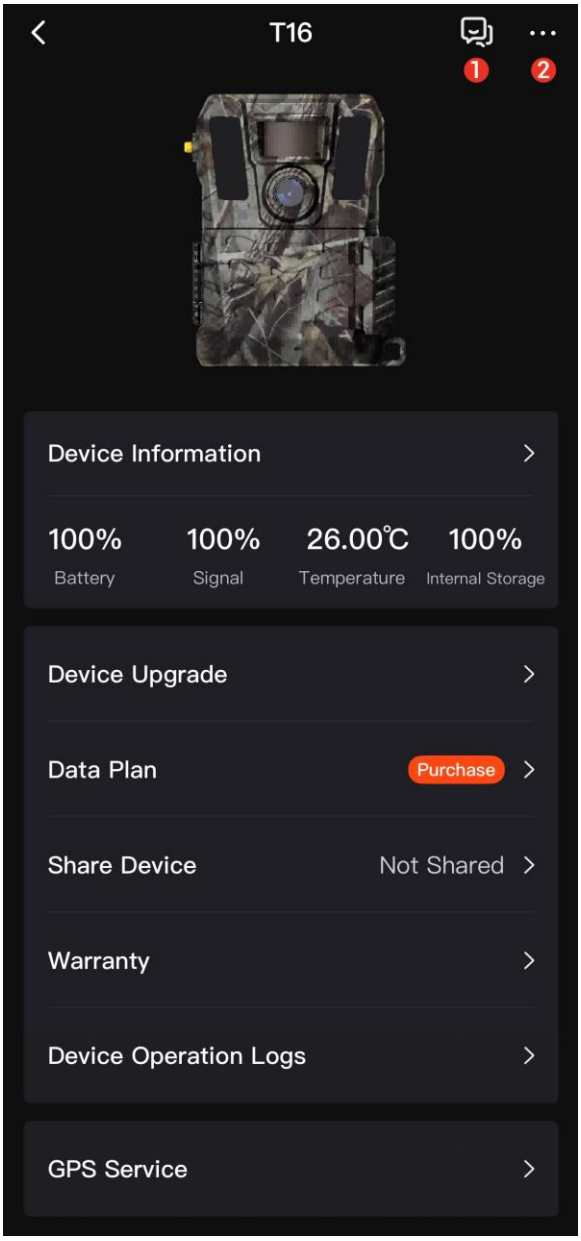



Figure 5-1 Product Information

| Item | Descriptions |
|---|---|
| 1 | Tap to open online service for FAQ, troubleshooting, etc. |
| 2 | Tap to unbind the device from your account.<br>**Note**<br>● Unbinding the device will clear all the data saved in the |

| Item | Descriptions |
| --- | --- |
| | cloud album.<br>● The purchased data plan is bound to the current account. If you are going to bind the device to another account, you may need to purchase a new data plan.<br>● Follow the prompt to perform the unbinding operation. |
| Device Information | Tap to check the device information and status.<br>● **Device Information**: including the device model, serial number, firmware version, etc.<br>Tap **Camera Name** to edit the device name.<br>● **Device Status**: including the signal strength, temperature, battery level and internal storage usage. |
| Device Upgrade | Check and perform the device upgrade. |
| Data Plan | Check your data plan usage details, and purchase data plans as needed. |
| Share Device | Create sharing groups and share your device with others. Refer to the user manual of HIKMICRO Sight for the details. |
| Warranty | Check the warranty details of your device. |
| GPS Service | View the device location. |

# 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.

## Trademarks Acknowledgement

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## Open Source Software Declaration

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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 2014/35/EU (LVD), 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:
Wi-Fi 2.4 GHz (2.4 GHz to 2.4835 GHz): 20 dBm
LTE Bands (Europe/Austrilia): Band 1: 1920 to 1980 MHz, 25 dBm, class 3; Band 3: 1710 to 1785 MHz, 25 dBm, class 3; Band 5: 824 to 849 MHz, 23 dBm, class 3; Band 7: 2500 to 2570 MHz, 25 dBm, class 3; Band 8: 880 to 915 MHz, 23 dBm, class 3; Band 20: 832 to 862 MHz, 23 dBm, class 3; Band 28: 703 to 748 MHz, 23 dBm, class 3.
LTE Bands (Latin America): Band 2: 1850 to 1910 MHz, 25 dBm, class 3; Band 3: 1710 to 1785 MHz, 25 dBm, class 3; Band 4: 1710 to 1755 MHz, 25 dBm, class 3; Band 5: 824 to 849 MHz, 23 dBm, class 3; Band 7: 2500 to 2570 MHz, 25 dBm, class 3; Band 8: 880 to 915 MHz, 23 dBm, class 3; Band 28: 703 to 748 MHz, 23 dBm, class 3;Band 66: 1710 to 1780 MHz, 25 dBm, class 3.
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

## 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 Vertreibern 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.
- 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.
- Power supply requirements for the device: DC 12V/1A or 5V/2A. AA batteries (×12): DC 1.5V×6×2 sets / 1.5A. 18650 batteries (×4): DC 3.635V×2×2 sets / 1.5A.

## Battery

- 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.
- Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
- 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).
- Use the battery provided by qualified manufacturer. Refer to the product specification for detailed battery requirements.
- Dispose of used batteries according to the instructions.

- 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.
- Remove the battery if you do not use the device for a long time.
- 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 or low air pressure environment, which may result in an explosion or the leakage of flammable liquid or gas.
- DO NOT place the device with battery or the battery alone near heating or fire source. Avoid direct sunlight.
- DO NOT place the battery in the reach of children.
- DO NOT swallow the battery to avoid chemical burns.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- This device is not suitable for use in locations where children are likely to be present.

## 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.
- Clean the electrical contacts of the battery on the device using a non-

greasy organic solvent.

## 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 from 5% to 90%.
- 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.

## Manufacture Address

Room 313, Unit B, Building 2, 399 Danfeng Road, Xixing Subdistrict, Binjiang District, Hangzhou, Zhejiang 310052, China

Hangzhou Microimage Software Co., Ltd.




Hikmicro Hunting.Global

Hikmicro Hunting.Global

HIKMICRO Outdoor

HIKMICRO

www.hikmicrotech.com

support@hikmicrotech.com


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