Battery Powered Camera
HMD2
Quick Start

Please read this manual thoroughly before using and keep it for future reference.

V2.01
IMPORTANT

Please visit www.heimvision.com, or scan the QR code on the back over of this user manual, or directly contact us at support@heimvision.com for online user manual.

Packing List

- Battery Powered Camera
- Metal Stand
- Quick Start
- Waterproof Rubber Stopper
- Magnetic Mount
- 3M Adhesive Pad
- USB Cable
- Reset Pin
- Screws
Product Overview

LED Indicator
Lens
IR LED
PIR Sensor
Microphone

Speaker
Magnetic Mount Hole
microSD Card Slot
Reset Hole
Power Button
Power Input

Notes:

1. Please install the microSD Card (not included) before powering on the camera. This camera supports microSD Card with capacity up to 128G. If a microSD card is needed, please contact us or get it from an authorized HeimVision store.

2. Press and hold the Power Button for 5 seconds to turn on/off the camera. If it does not power on,
please use USB adapter (not included) with standard 5V output to charge, then try again.

3. Press the **Power Button** once to wake up the camera from sleep mode.

4. Insert the **Reset Pin** into the **Reset Hole** and press for 5 seconds to reset the camera if the connection is failed or you need to connect the camera with another HeimLife account. There is beeping sound from the camera after a successful reset.

5. **PIR Sensor: Passive Infrared Sensor**. This camera is not designed for 7/24 all day recording. It only starts to record videos when the PIR sensor of the camera detects the movements of human body.

6. Please insert the waterproof rubber stopper into the back part of the camera to prevent the camera from water leakage when the camera is used for outdoor.

7. Description of the LED indicator

<table>
<thead>
<tr>
<th>LED Status</th>
<th>Camera Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Red Slowly</td>
<td>Ready for Wi-Fi Connection</td>
</tr>
<tr>
<td>Flash Red Quickly</td>
<td>Connecting to Wi-Fi</td>
</tr>
<tr>
<td>Solid Red</td>
<td>Network abnormal</td>
</tr>
<tr>
<td>Solid Blue</td>
<td>Wi-Fi connected</td>
</tr>
</tbody>
</table>
App Downloading and Installation

Option 1:
Search for HeimLife from App Store or Google Play, then download and install it into your mobile device.

Option 2:
Scan the QR codes below to download and install.

Account Registration and Login
Please register an account with a valid email address at your first use of HeimLife App, then log in.

Log in
or
Sign Up

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Note:
A valid email is a must for password reset.

Connecting to HeimLife App

IMPORTANT:

1. To connect the camera successfully, please allow HeimLife to use your WLAN & Cellular Data at the first run of this App.

2. The camera only supports 2.4GHz Wi-Fi.

3. Make sure the camera and your mobile device are close to the router.

4. Press the Power Button once to wake up the camera from sleep mode and make sure the LED indicator flashes RED slowly.

5. Insert the Reset Pin into the Reset Hole and press for 5 seconds to reset the camera. There is beeping sound from the camera after a successful reset.
1. Connecting by Scanning the QR Code
Step 1:
Log in to HeimLife App, tap + and Battery Camera.

Step 2:
Start to connect the camera.

Make sure the LED indicator flashes RED slowly.
Step 3:
Align the QR code on your mobile device with the lens of the camera and keep a distance of 5-8 inches.

Keep your mobile device still and move the camera accordingly.

Tap Next after hearing the beeping sound from the camera.
Step 4:
Wait for connection after scanning. **Device Found** stands for a successful connection, then tap **Done** to start the experience.

The camera is connecting to your Wi-Fi.

**2. Connecting the camera by AP Hotspot**

Step 1:
If the camera can't be connected by scanning the QR code, a prompt of **The device not found** will be displayed on the interface of **Wi-Fi Setup**. Please tap **other methods** to connect the camera by AP Hotspot.
Wi-Fi Setup  

The device not found
- Check if the home network is in goag condition
- Please try to be close to the network source
- Check if the WiFi password is entered correctly

Help
Retry
other methods

Scan QR Code

Scan the QR code below with the device at a distance of 5-8 inches. A tone will be heard when successfully scanned.

Help  Next

*Alternatively, tap Help and More Options to switch to AP Hotspot connection.

Configuration

Manual Configuration

Add Battery Camera

Please reset the device
- Hold the RESET button on your device for 4-5 seconds (please consult the user manual for more on this)
- Wait for a flashing RED indicator light
- Tap Next

I see a flashing red indicator

Next

Make sure the LED indicator flashes RED slowly.
Step 2:
Tap **Connect** to enter the Wi-Fi settings of your mobile device, then connect to the Wi-Fi of STRN_XXXXXXX.
Step 3:
After the Wi-Fi of STRN_XXXXXX is connected, please get back to HeimLife App to start connecting the camera.

Step 4:
Device Found stands for a successful connection, then tap Done to start the experience.

The camera is connecting to your Wi-Fi.
Function Overview

Main Interface

After the camera is connected to HeimLife App successfully, the camera will be displayed on the main interface of the App.

- : hide or show the preview camera image(s).
- : access to the videos recorded.
- : enter the interface of Cloud directly.

Devices:
show all the connected cameras and cameras being shared.

Messages:
Alarm Messages will show all the videos recorded after tapping on the preview camera image you’d like to check, then tap on the left to watch the videos recorded.
System Messages contains system operation logs.
Friends:
add another registered HiemLife account, then go to Settings > Share to share with the account added in Friends.

Me:
check the pictures and videos saved to your mobile device;
contact HeimVision support team directly from Help&Feedback;
check the App version;
clear cache of the App;
reset the password.

Live Video
Tap 🎥 on the main interface to enter the live video of the camera.

A. Settings
B. Battery Capacity
C. Image Quality
D. Full Screen
E. Wi-Fi Signal

* Tap on the live video to show C and D

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Settings:
tap ••• to enter detailed settings of the camera. You can check more about it in the section of Settings on page 18.

Battery Capacity:
show the power status of the camera. If the power is less than 2 bars, please charge the camera timely.

Image Quality:
tap SD to switch the image quality between HD and SD. SD is recommended for a smoother streaming.

Wi-Fi signal:
if the percentage is lower than 80%, the camera may be disconnected, please move your camera to be closer to your router for better signal.

Screenshot:
tap to capture the current live picture and save it to your mobile device.

Intercom:
hold and talk to people through the camera.
Record:
tap to start recording the current live streaming; tap again to end and save it to the internal storage of your mobile device.

Body Detection:
the option is ON by default. When the camera detects the movements of human body, it will start to record video. If you switch it off, you can only watch the live picture.

Video Playback
Tap on History to play the videos recorded in the microSD card (not included).
Timeline
slide leftward and rightward on the timeline to watch the video recorded. Blue color refers to the videos recorded and the blank part means there is no video recorded.

Calendar:
tap to show a calendar, then tap the date with Blue background to play the video recorded on the selected date.

Screenshot:
after sliding to the Blue color on the timeline, tap 📸 to capture a picture and save to your mobile device.

Record:
after sliding to the Blue color on the timeline, tap 📹 to start recording the video, then tap again to end and save it to the internal storage of your mobile device.

Alarm:
check the starting time of every alarm when the camera detects the movements of human body.
* Tap on **Cloud** to play the videos recorded in the cloud if there is a cloud plan subscribed. If you have installed a microSD card and subscribed a cloud plan, then the videos will be recorded in the microSD card and cloud at the same time.

**Settings**

Tap ••• to enter the interface of detailed settings about the camera.

![Settings interface](image)

**Device name:**
tap 📏 to change the name of your camera.

**SN:**
**Serial Number** of your camera. It may be required when technical support is needed.
Receive Notifications:
turn it on and allow HeimLife App to push notifications to your mobile device after the camera records the alarm video.

Share:
after adding an account in Friends on page 14, tap Share, then select the account you plan to share with.

Cloud Storage Service (optional):
tap it to subscribe a cloud plan.

Network Information:
check the quality of your network.

SD card:
check the remaining capacity of the microSD card or format the card.

Rotate View:
flip the live video when mounting the camera on the ceiling if it's ON.

Body Detection:
set up the sensitivity of the camera, including Low, Medium and High.

Speaker Volume:
adjust the volume of the camera's speaker.

Version:
check the version of the firmware.
Night Vision:
turn on/off the night vision of the camera, or set it **Automatic** to turn on night vision when the ambient lighting is dark.

**Power Management:**
check the remaining battery of the camera, etc..

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**Battery**

This battery powered camera utilizes an advanced low power technology. If there are no movements of human body detected when the camera is powered on, the camera will enter sleep mode. With a full charge, the camera may work for around 4 months if the camera is woken up/detects the movements of human body for 10 times per day and works for 20s per time.

**Tips:**

1. If the camera is woken up frequently or detects the movements of human body for many times, the power of the camera will be consumed quickly. Charging the camera regularly is recommended. The battery in the camera can be charged for 500 times. If we charge the camera once a week, the life span of the battery can extend more than 9 years.
2. An exclusive solar panel (HMS1) for constantly charging the camera is recommended. Contact us for more information about it.

Reducing the False Alarms

* Make sure the PIR sensor of the camera is not facing bright lights (including sunshine, bright lamps, etc.), mirror, windows or glass.

* Do not mount the camera in a place with moving vehicles or streaming people.

* Stay away from air vents of air conditioner or heating sources like stove, lights and refrigerator, etc., to maximize the accuracy of the alarms.

* Keep the camera at least 1 meter away from wireless devices, like router, mobile device, etc., to avoid wireless interference.

* Please do not scratch or squeeze the PIR sensor to avoid lowering its detection sensitivity.

* A mounting height of 2M is recommended to reduce false alarms caused by the movements of small animals on the ground. If it’s required, please mount the camera at a height around 1.5M.
* When mounting the camera, an appropriate angle between the PIR sensor and the monitoring area is recommended.

*The effective distance between the PIR sensor of the camera and the moving objects is 2M to 8M.
Camera Installation

There are 2 options for mounting the camera.

**Option 1: Mount with the Magnetic Mount**

**Step 1:** Affix one side of the 3M adhesive pad to the bottom of the **Magnetic Mount**, then affix another side onto your desired position.

**Step 2:** Align the **Magnetic Mount Hole** with the **Magnetic Mount** to fix the camera.

**Option 2: Mount with the Metal Stand**

**Step 1:** Screw the stand into the bottom of the camera, then loosen the screw in the joint of the stand to adjust the angle. Tighten the screw after the adjustment.

**Step 2:** Fix the base of the stand into the wall/ceiling with the screws provided.
Troubleshooting Guide

Q1. The camera can't connect to Wi-Fi.
* Make sure you select the right Wi-Fi network and enter the right password;
* Make sure your Wi-Fi is 2.4GHz;
* Make sure the camera and your mobile device are close to the router;

Q2. How can I reset the camera?
* Please insert the Reset Pin into the Reset Hole and press for 5s to reset the camera. There is beeping sound after a successful reset and the RED LED indicator will flash slowly.

Q3. Why can't I receive the push notifications of the alarms?
* Make sure you have allowed HeimVision App to push notifications in the settings of your mobile device and switch on Body Detection in the Settings.

Q4. Why there is no video recorded?
* Make sure you have installed a microSD card with enough capacity into the camera or you have subscribed a cloud plan.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.