

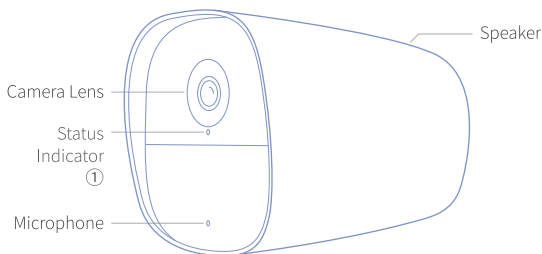


reddot winner 2022

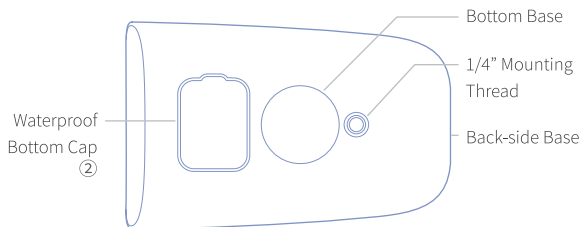
WIRELESS BATTERY CAMERA

Quick Start ➡

Overview



↓ Bottom View



① Status Indicator



Blue Flashing

Ready for Bluetooth Pairing.



Blue Solid

Bluetooth paired, waiting network configuration.



Red Flashing

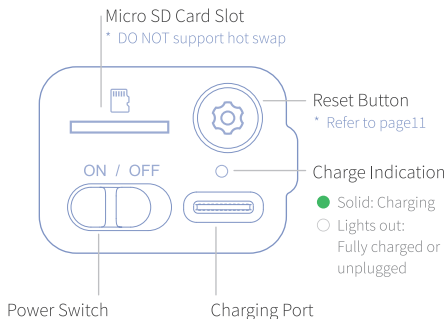
Errors. Please turn to our help.



Yellow Blinks

PIR triggered.

② Behind the Bottom Cap



Quick Setup

1 Download the App

Download the App by scanning the QR Code, or search **Helio Pro** in the Apple App Store or Google Play Store.

Create an account in the app, or login if you already have one.

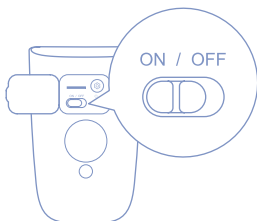


2 Charge and Power On

© Please charge the camera first with the included USB-C charging cable.

The camera will automatically go into Bluetooth connection mode when powering on, with a beep and blue flash of the indicator.

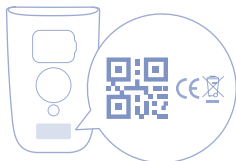
Please add it within the next 5 minutes, or it will enter battery saving mode (You can turn off and turn on the camera again to restart).



3 Add the Camera

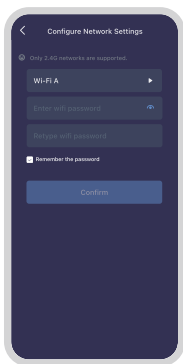
Open the Helio Pro app and scan the QR code on the bottom of the camera. If you have already added other devices to the app, tap **Add Accessory** on the settings page.

The app will list devices scanned by Bluetooth. Click to connect, the camera will beep and the indicator will switch to blue solid.



4 Connect the Camera to Wi-Fi

Select the Wi-Fi (2.4 GHz) network you want connect the camera to and enter your Wi-Fi password. After successfully configuring the network, the camera will beep and the indicator light will go out.

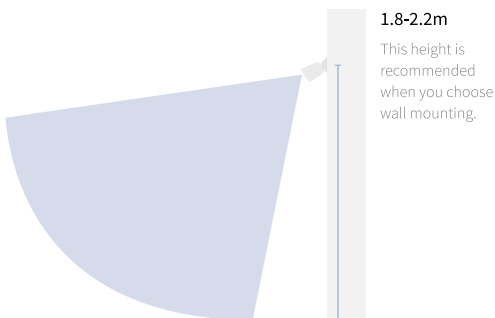
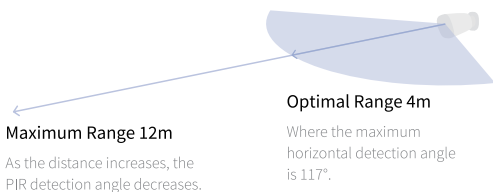


5 Place the camera

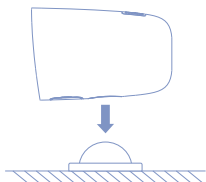
⦿ Avoid facing areas with strong light, temperature changes rapidly or the air stream flows frequently.

⦿ Avoid facing high-traffic areas to reduce frequent triggering of the PIR sensor.

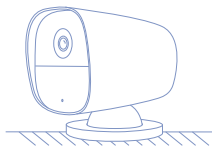
You can use the live view interface in the app to fine-tune the view of the camera in real-time.



A Desktop Placement

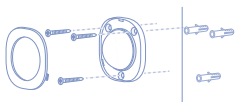


Place the magnetic ball mount on a table, shelf or any other flat surface and attach the camera on top of it, using its bottom base.

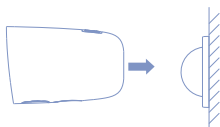


Rotate the camera to adjust the viewing angle.

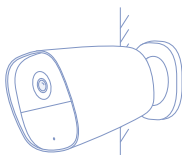
B Wall Mounting



Remove the ball mount's upper cover to access its screw holes. Mark the holes location on the wall, drill the holes, insert the includes anchors and fix the mount to the wall as shown above.



Attach the camera to the mount using its back-side base.



Rotate the camera to adjust the viewing angle.

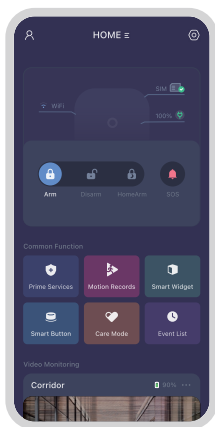


Setup Completed!

Now feel free to explore the many app features.

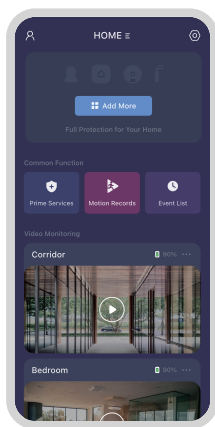
A With Security System

The camera you just added and other pinned cameras will show under the security system panel on the home page dashboard.



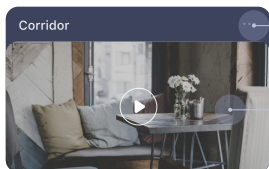
B Cameras Only

The home page dashboard will display a list of all your pinned cameras.



Swipe up to expand the dashboard and tap **EDIT** to choose which cameras should be displayed on the dashboard. All of your cameras can be found under **Family Setting → Smart Camera**

App Functions



Camera Settings

* Refer to page10

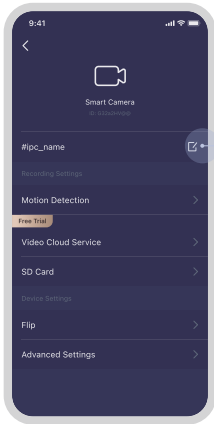
Start Live View

Live View



- » Collapse/Expand secondary toolbars.
- Tap to take a screenshot and save it to your phone.
- Sound on/off.
- Enable two-way audio.
- Switch the IR night vision/Color night vision.
- HD Switch the HD/SD display of live streams.

Camera Setting



Rename the Camera

Recording Settings

- Customize detection accuracy, detection conditions and alarm mode.
- Manage SD Card storage
- Cloud Backup of motion records

Device Settings

- Flip view to fit a particular perspective
- Advanced settings

* Refer to page12

How Does Motion Detection Work?

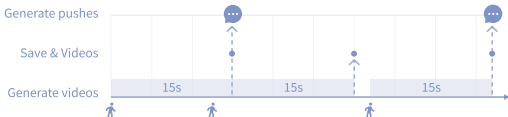
PIR motion detection

It triggered by objects with a heat source such as humans, animals, cars, even hot/cold air. With AI detection, humans can identified.

The camera generates 15s of video per trigger, and can be re-triggered after a 10s cooldown.

Records & Notifications

Consecutive triggers only generate one App push to avoid frequent disturbances.



▲ How to extend the battery life?

Set a reasonable motion detection time

To reduce the power consumption caused by the Camera being woken up frequently.

* [Camera Settings-Motion Detection-Detection Conditions](#)

Set the appropriate detection accuracy

If the detection accuracy is set to HIGH, the AI recognition process will increase power consumption.

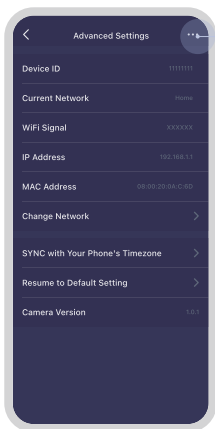
* [Camera Settings-Motion Detection-Detection Accuracy](#)

Reduce App usage time

The system waking up Camera each time the App is launched also increases power consumption.

According to experimental data, the Camera can provide approximately 6 months of standby time with less than 5 triggers per day.

How to Reset the Camera?



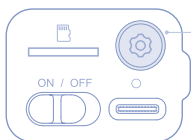
Reset on the App

When the camera is **ONLINE**, tap here to Reset.

After resetting, all data will be deleted and the camera will reboot, allowing you to add it as new.

When the camera is **OFFLINE**, tapping here will only delete it.

After deletion, the camera will be unbundled from the family. However the hardware is not reset. To add it again, you need to reset on the camera as below.



Reset on the Camera

Open the cap at the bottom of the device and hold the **RESET BUTTON** for 5 seconds until you hear a beep.

After resetting, all data will be deleted and the camera will reboot, allowing you to add it as new.

Features



AI Smart Detection

You can customise detection accuracy to filter invalid alarms such as vehicles, animals, trees, rain&snow, etc.

[Camera Settings](#) → [Motion Detection](#)



1080P Full HD

Video resolution 1920x1080, frame rate 30fps, wide-angle view, capture bigger picture, HD restore scene environment.




H.265 Encode

The new generation of H.265 video coding technology can save video storage space and make view smoother under the same network conditions.



Real Two-way Audio

In the App live monitoring view, you can click the  button to start two-way audio. Click the button again to exit.



IR-Cut/Color night

At night with low light, the camera will use Color Night mode. When the light is very weak, it can switch to IR-Cut, the visible distance is 10 meters.



Wi-Fi Connection

IEEE 802.11b/g/n compliant Wi-Fi standard, 2.4GHz frequency range, support WEP, wpa-psk and wpa2-psk encryption.



Global Servers

Global overseas servers ensure that users can easily watch real-time live broadcast or video playback anytime, anywhere on their mobile phones.



Military-grade encryption

Military-grade encryption is used for live streaming and video storage, and only accounts with user rights can decrypt videos.



Local Storage

Support to store video by micro SD card, maximum 128GB storage, do not support hot swap.

* It is recommended to select a special micro SD card for monitoring, which is suitable for repeated cycle erasure and write.



IP65 Waterproof

It can prevent dust particles from entering the product gap; It can prevent any direction of strong water spray, but can not be soaked in water.



Solar Charging Support

The product adopts 5W solar panel. In addition to the conventional Type-C charging, it can also be charged by solar energy to extend the battery life.





Ultra-long Standby

After fully charged, the battery is expected to last six months.

* View by 5 times per day.

Permissions & Privacy

		iOS	Android
Notification	Device information and system status messages can help you manage your device and protect your security.	✓	✓
Critical Alert	When your iPhone is in Silent or Do Not Disturb mode, you can still receive audible notifications of emergencies. Reference ↓ 	✓	✓
Photos (iOS) / Storage (Android)	To access the album to add devices/families, or set avatar. To take screenshots or records of the monitoring screen.	✓	✓
Camera	To scan the QR code of devices/families, or set avatar.	✓	✓
Microphone (iOS) / Recording (Android)	To enable dual-way talking feature of cameras.	✓	✓
Location	To configure devices via Bluetooth and Wi-Fi (For Android, Location access is required to using Bluetooth.) Reference ↓ 	✓	✓
Bluetooth	To configure devices via Bluetooth.	✓	
Contacts	To add SMS Contacts quickly.	✓	✓

Specifications

Video & Audio	
Image Sensor	1/2.9"
Resolution	Full HD 1920×1080
Video Bitrates	64 Kbps ~ 8 Mbps
Video Frame Rate	15fps @ 1080P
Encode	H.265
Day/Night control (IR-Cut)	Day/Night control (IR-Cut) /Color night
Focal Length	2.8 mm
Max Aperture	f 2.2
Field of View	135°
Audio	Real Two-Way audio
Detection & Alarm	
AI Smart Detection	PIR detection + Human detection
PIR Detecting Anglet	120°
PIR Detecting Distance	8~10 m
IR Distance	10 m
Audio Alert	Built-in Siren, 85 db
Other Alerts	Instant image/ video push notifications
Recording	15 s video record when triggered
Storage	Local Storage and Cloud Storage

Wireless Connection	
WiFi	2.4 GHz
WiFi Standard	IEEE 802.11 b/g/n
WiFi Security	WEP/WPA-PSK/WPA2-PSK
Bluetooth	BLE 5.0
Power Supply	
Battery	5200 mAh rechargeable battery
Power Input	5 V \equiv 2 A USB Type-C
Solar	Supported (5.5V MAX)
Storage	
Micro SD Card	Supported, up to 128GB
Operating Environment	
Operating Temperature	-10 ~ 55 °C (14 ~ 131 °F)
IP Code	IP65
Dimension & Weight	
Dimension	Camera: 65.5×67.5×102.7 mm Magnetic Mount: 64×64×22.8 mm
Weight	Camera: 246.4 g Magnetic Mount: 50.4 g



Notifications

- The individual parameters, digital description and design in the manual may vary with the device version update.
- Please observe the working rules of electrical equipment. Users are not allowed to dismantle the device or replace any part of it. Opening or dismantling the device may cause electric shock.
- This device can minimize most of the risks, but it is not guaranteed to prevent burglary, robbery, theft or other types of emergencies. Users should use it reasonably and properly to protect the safety of life or property.
- Motion detection: the device uses AI image recognition and heat source induction to improve the accuracy of motion detection and filter invalid alarms as much as possible. Users need to choose the appropriate motion detection accuracy according to the monitoring site. This device can only detect intrusion in the designated scope and barrier free area, please install it in the position as far as possible
- Network failure, electrical system component failure and other problems may affect the operation of the device.

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