WIRELESS SECURITY

CAMERA

QUICK START →

OVERVIEW

Speaker

Camera Lens

Microphone

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.

BEHIND THE BOTTOM CAP

Bottom Base

1/4" Mounting Thread

Back-side Base

Micro SD Card Slot
* DO NOT support hot swap

Reset Button
* Refer to page15

Charge Indication
● Solid: Charging
○ Lights out:
  Fully charged or
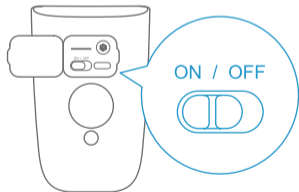 unplugged

ON / OFF

Charging Port

Power Switch

SECURITY AT HOME & BEYOND

Changing how the world thinks about security
inside & out!

QUICK SETUP

1 DOWNLOAD THE APP

Scan the QR Code on the right, 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.

Helio Pro

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).

ON / OFF

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.
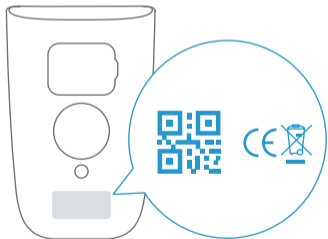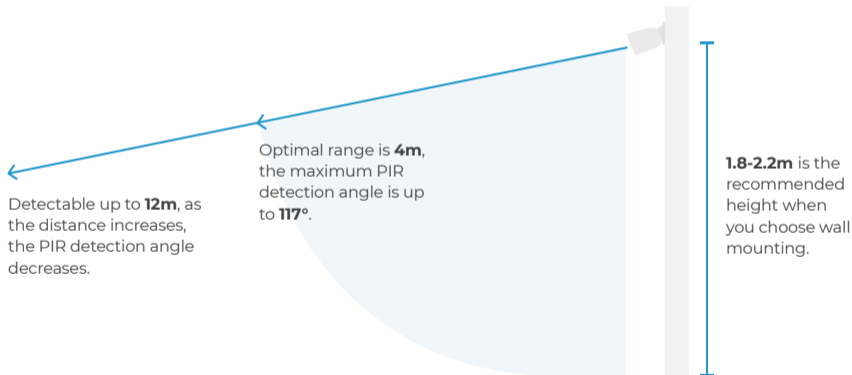
4 CONNECT TO WI-FI

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.
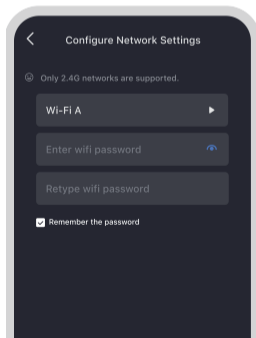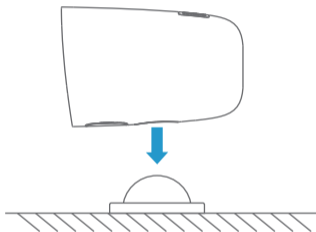
5 PLACE THE CAMERA

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

◎ To ensure motion detection is effective, the target area needs to be within the infrared sensing range.

Optimal range is **4m**, the maximum PIR detection angle is up to **117°**.

Detectable up to **12m**, as the distance increases, the PIR detection angle decreases.

1.8-2.2m is the recommended height when you choose wall mounting.
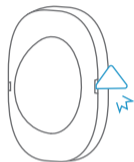
- Desktop Placement

1. 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.
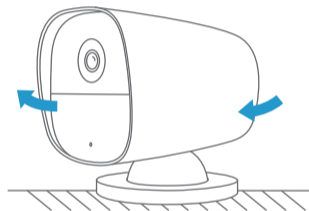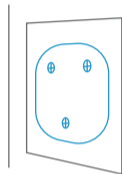
2. Rotate the camera to adjust the viewing angle.
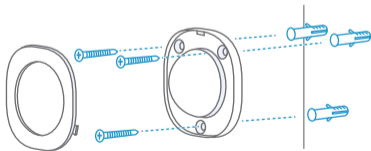
● Wall Mounting

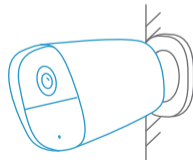1. Remove the ball mount's upper cover to access its screw holes.
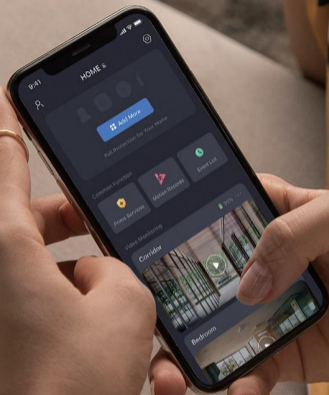

2. Mark the holes location on the wall.

3. Drill the holes, insert the includes anchors and fix the mount to the wall as shown.

4. Attach the camera to the mount using its back-side base.
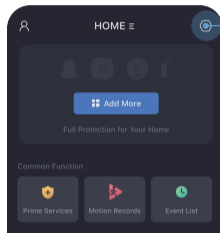
Setup Completed!

Now feel free to explore the many app features.

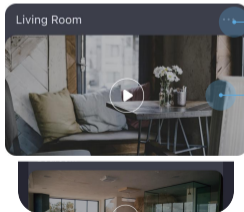# APP FUNCTIONS

All of your devices can be found under Settings

Customize the homepage: Swipe up and tap EDIT on the top of the floating layer.

Shown here is the Cameras-Only Mode. You can also use it with the Helio Pro Smart Security System for full protection of your home.

Camera Settings
* Refer to page13

Start Live View
* Refer to page12

LIVE VIEW

≫ Collapse/Expand secondary toolbars.

⬚ Tap to take a screenshot.

◀× Sound on/off.

🎤 Enable two-way audio.

🌙 Switch the IR night vision/Color night vision.

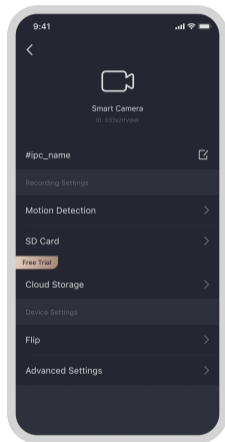HD Switch the HD/SD display of live streams.

CAMERA SETTINGS

■ **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.

Smart Camera
ID: 330A0M999

#ipc_name

Recording Settings

Motion Detection >

SD Card >

Free Trial

Cloud Storage >

Device Settings

Flip >

Advanced Settings >

HOW DOES MOTION DETECTION WORK?

PIR Detection

It triggered by objects with a heat source such as humans, animals, cars, even hot/cold air. With AI detection, humans can identified.
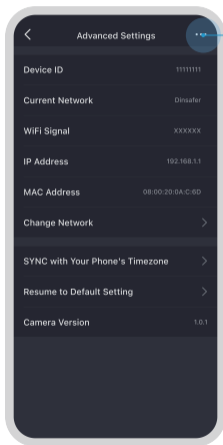The camera generates 15s of video per trigger, and can be re-triggered after a 10s cooldown.

Records & Notifications

Consecutive triggers only generate one App push to avoid frequent disturbances.
With human-only accuracy, human figures may not appear in the following videos.

Generate pushes

Save & Upload

Generate videos   15s   15s   15s
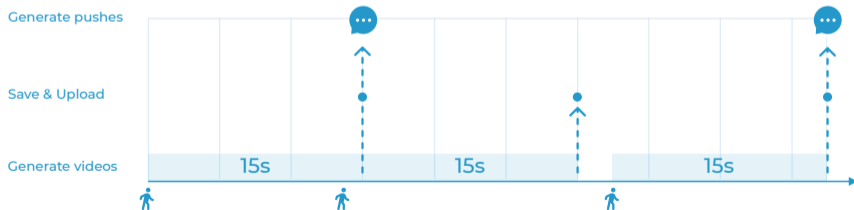
HOW TO RESET THE CAMERA?

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 on the right.

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.

1080P Full HD

Video resolution 1920x1080, frame rate 15fps, wide-angle view, capture bigger picture, HD restore scene environment.

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

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.

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.

Solar Charging Support

The product supports 5.5V MAX solar panels. In addition to the regular Type-C charging, it can also be charged by solar energy to extend the battery life.

Cloud Backup

You can choose the Cloud Storage service in the App according to your own needs to avoid the loss of video files due to the theft or destruction.

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.

Ultra-long Standby

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

* View by 5 times per day.

SPECIFICATIONS

VIDEO & AUDIO	
Image Sensor	1/2.9"
Resolution	Full HD 1920×1080
Video Bitrates	64Kbps ~ 8Mbps
Video Frame Rate	15fps @ 1080P
Encode	H.265
Day/Night control	IR-Cut/Color night
Focal Length	2.8mm
Max Aperture	f2.2
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	8~10m
IR Distance	10m
Audio Alert	Built-in Siren, 85db
Other Alerts	Instant image/video push notifications
Recording	15s 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	5V ⎓ 2A USB Type-C
Solar	Supported (5.5V MAX)

STORAGE	
Micro SD Card	Supported, up to 128GB
Cloud Storage	* Supported (Optional)
OPERATING ENVIRONMENT	
Operating Temperature	-10 ~ 55℃ (14 ~ 131°F)
IP Code	IP65
DIMENSION & WEIGHT	
Dimension	Camera: 65.5×67.5×102.7mm Magnetic Mount: 64×64×22.8mm
Weight	Camera: 246.4g Magnetic Mount: 50.4g

⚠ NOTIFICATIONS

The individual parameters, digital description and design in the manual may vary as the device versions are updated.

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 mobile 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 posotion as far as possible

Network failure, electrical system component failure and other problems may affect the operation of the device.

CE FC RoHS ☒

Made in China