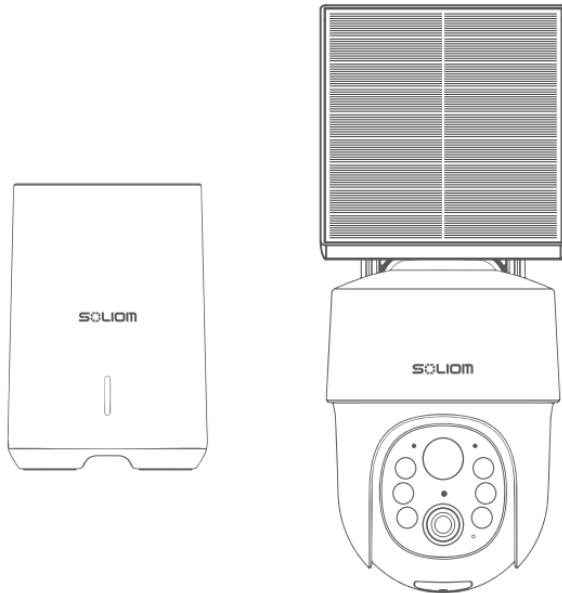




Solar-Powered Wireless Security Camera Kit

Model: SHB01-SH501

User Manual (V1)



### Contact Us:

✉ [care@soliom.net](mailto:care@soliom.net)

📞 +1-888-299-8883

🌐 <https://www.facebook.com/soliomcam>

Join Soliom Customer group for instant help:

🌐 <https://www.facebook.com/groups/soliomvip>



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# What's Included

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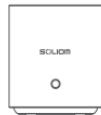
## Solar-Powered Wireless Security Camera Kit



CameraX2



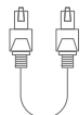
Solar PanelX2



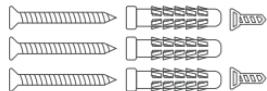
HomeBase



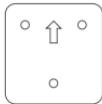
Power Adapter  
for HomeBase



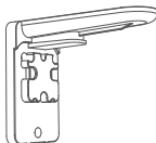
Ethernet Cable



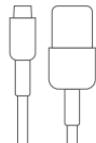
Screw Pack



Position Sticker



Position



USB-C Charging  
Cable



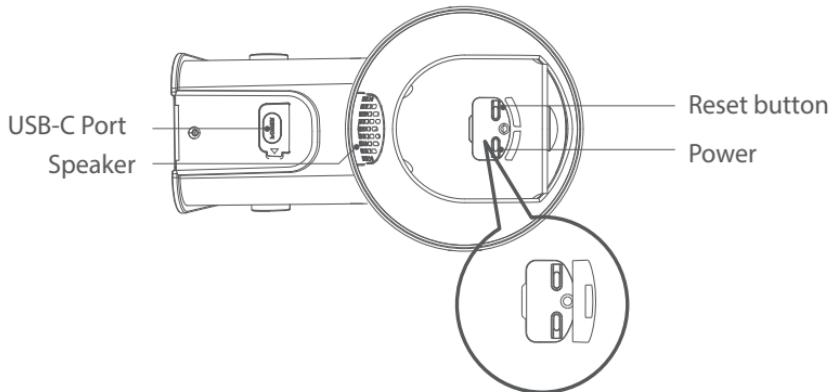
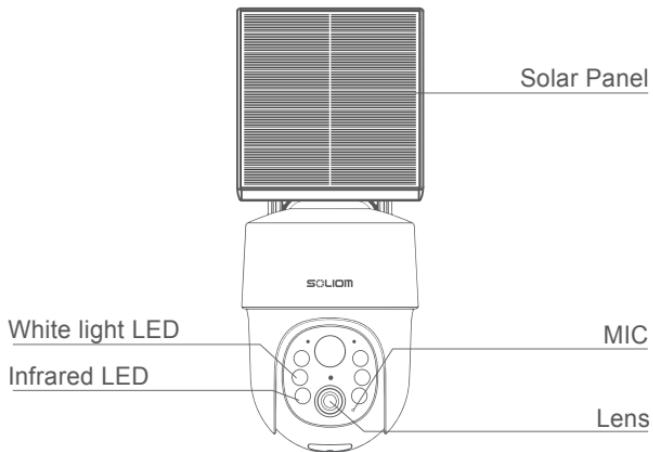
User Manual



QUICK GUIDE

# Product overview

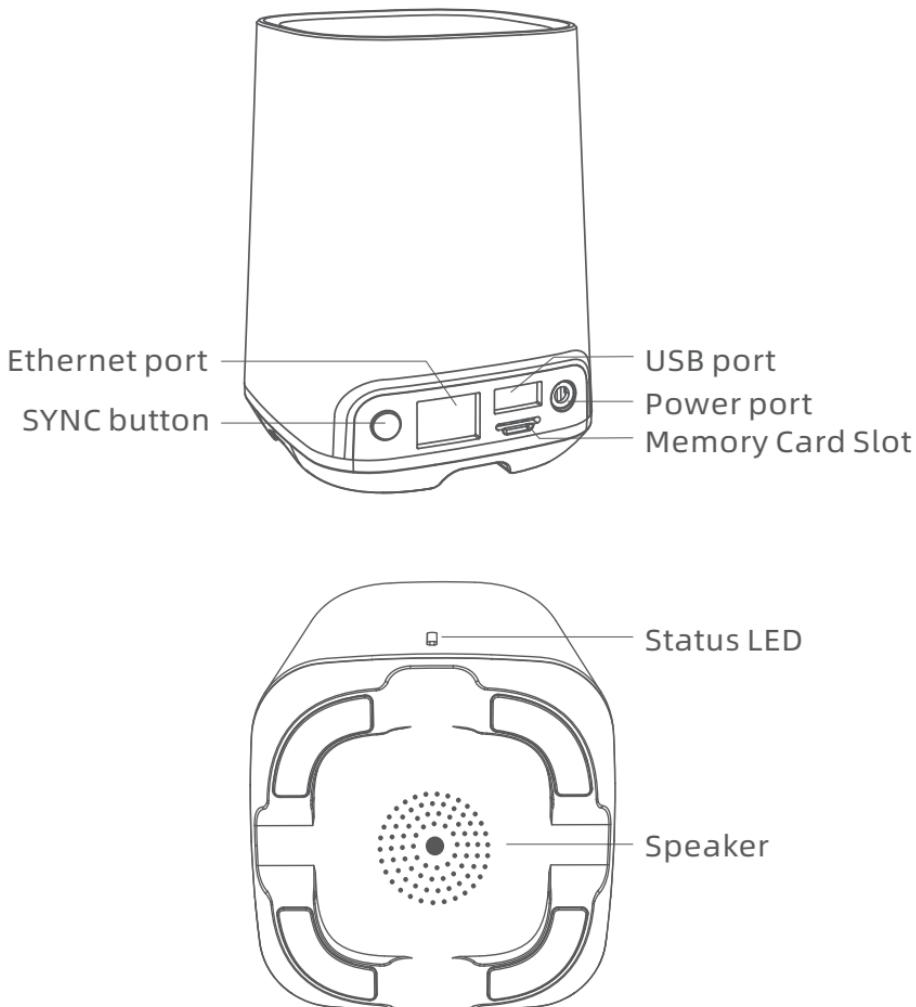
## Solar-Powered Wireless Security Camera Kit



# Product overview

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## HomeBase



# Setting up the System

Before using the camera, please use the provided USB cable to charge the camera. It will take about 7-8 hours to charge. After the camera is fully charged, connect it to the App.

(The LED will be solid green during charging, and the LED will turn off when the camera is fully charged.)

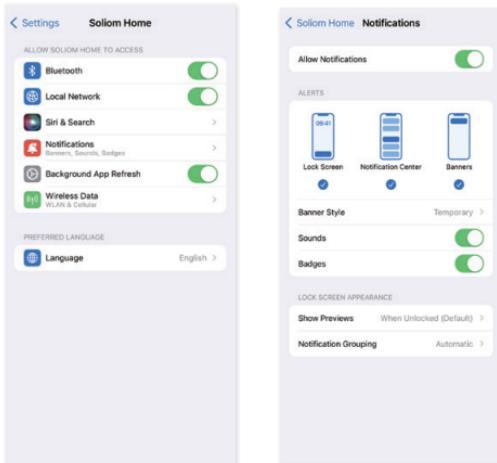
## 1. Download the App

Please download the **Soliom Home** app in your Google Play Store for Andriod or App Store for iOS. If you can not find the correct App in the store, please scan the QR code to download it.



1.Allow "**Soliom Home**" use mobile cellular data and wireless LAN, otherwise it may be failed to add the camera.

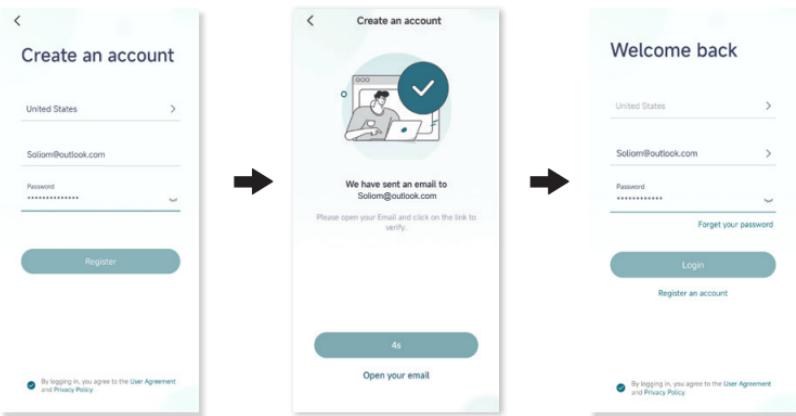
1.Allow "**Soliom Home**" to get system push message and location permissions.



# Setting up the System

## 2. Register an account

- (1) Open the app and register your account with your Email address and it is recommended to verify your account from email so that you can retrieve password of your **Soliom Home** account in case.
- (2) Set a password for your account and make note to remember it.  
(Password is **8-20** digit or alphabet combination)
- (3) We will send an email to you. Please open the email and click on the link to verify.
- (4) Re-enter your account and password to log in to the app.

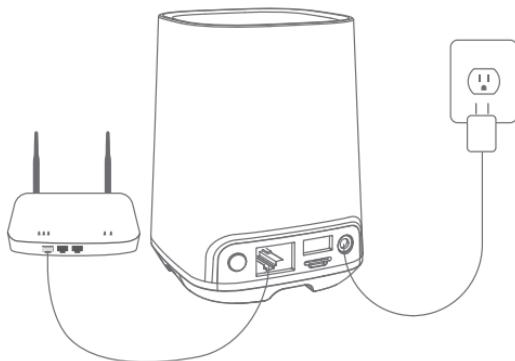


# Connecting the HomeBase

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## Connect the HomeBase to the Internet

1. Power on the HomeBase, then use the ethernet cable provided to connect the HomeBase to your home router.



2. The LED indicator turns blue (this may take up to 1min) when HomeBase is ready for setup.

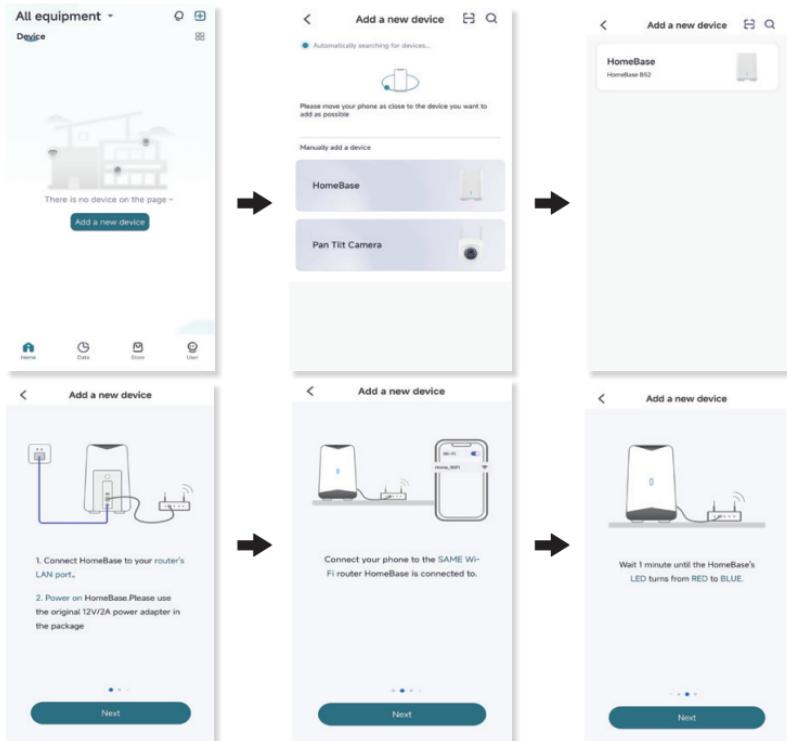


# Pair Up the HomeBase

Add a new device (HomeBase)

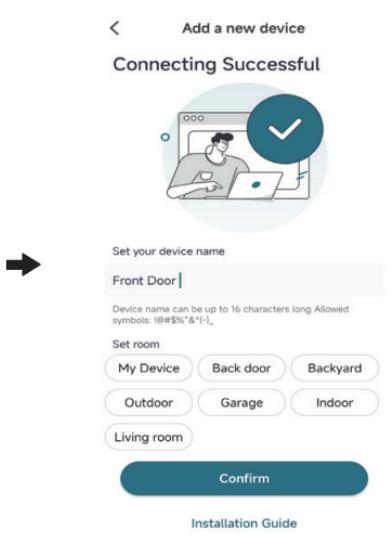
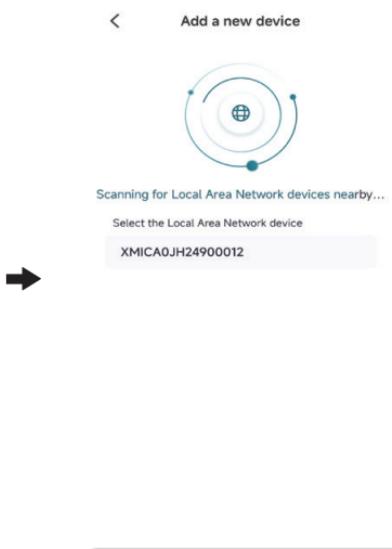
## Choose "HomeBase"

- (1) Connect HomeBase to your router's LAN port.
- (2) **Power on** HomeBase. Please use the original 12V/2A power adapter in the package.
- (3) Connect your phone to the **SAME Wi-Fi** router HomeBase is connected to.
- (4) Wait 1 minute until the HomeBase's **LED** turns from **RED** to **BLUE**.
- (5) When the HomeBase's LED is blue, press and hold the **SYNC** button for more than **5 seconds**, and the HomeBase's LED will change from blue to **flashing blue**.
- (6) Automatically searching Local Area Network devices nearby.
- (7) Connecting Successful.



# Pair Up the HomeBase

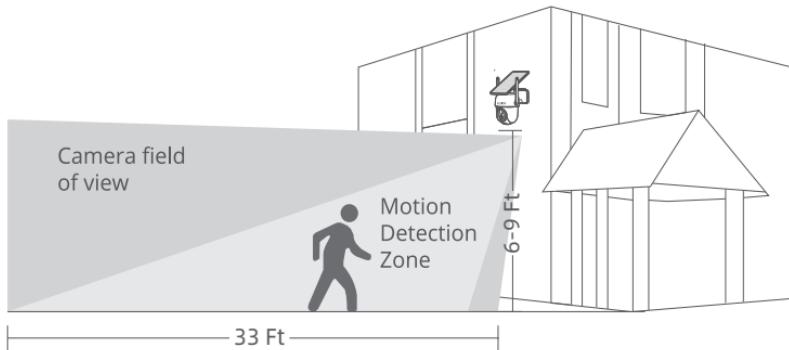
Add a new device (HomeBase)



# Mounting the camera

## Select Height

Hang Solar Camera 6-9 Ft above the ground. This height maximizes the detection range of the motion sensor of Solar Camera.



## Select Location

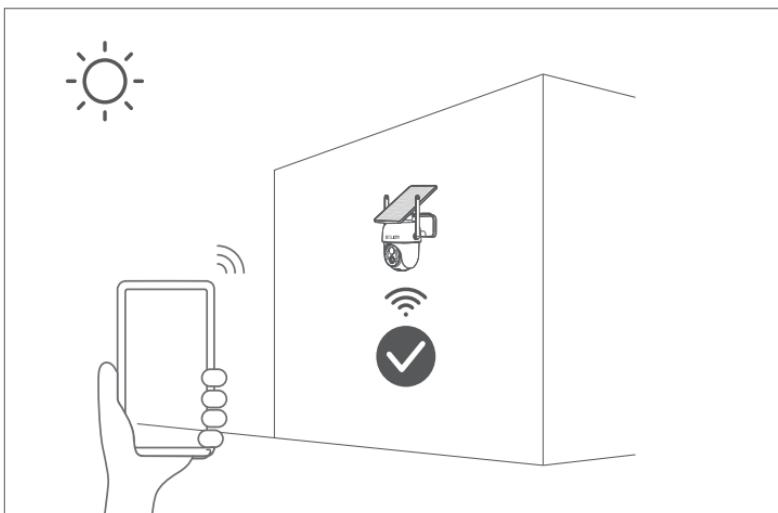
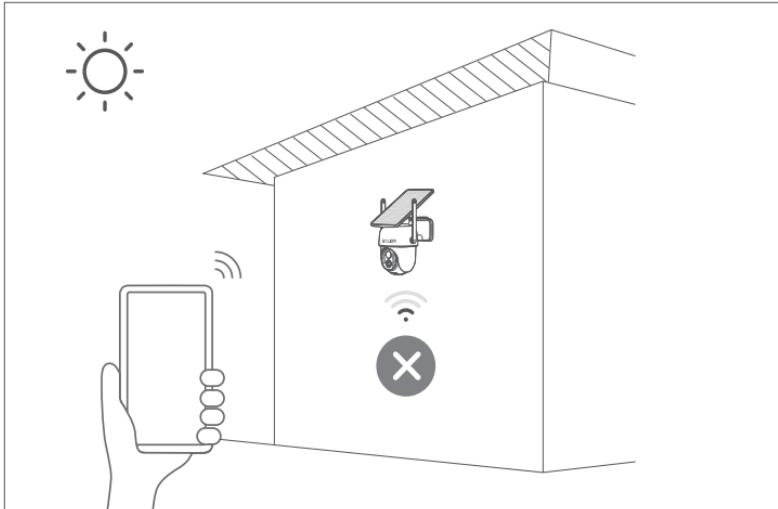
1. When installing in the northern hemisphere, face the camera to the south, and when installing in the southern hemisphere, face the camera to the north.
2. Take care to install the camera so that the sun is not blocked by any items such as eaves, trees branches, etc.



# Mounting the camera

Test the Wi-Fi signal at installation position

Use cell phone to test Wi-Fi signal quality at the installation position before installing camera, make sure the Wi-Fi router can provide good Wi-Fi signal.

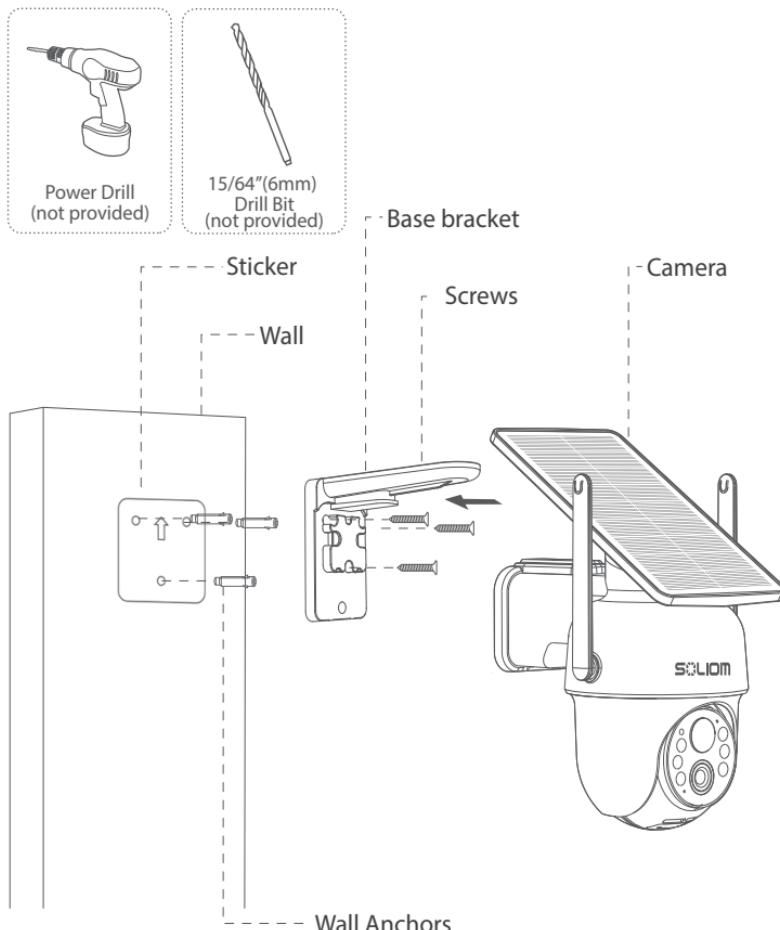


# Mounting the camera

## Installation

1. Drilling according to position sticker, drill bit: 15/64"(6 mm).
2. Insert the plugs.
3. Tighten the screws.

What is required:



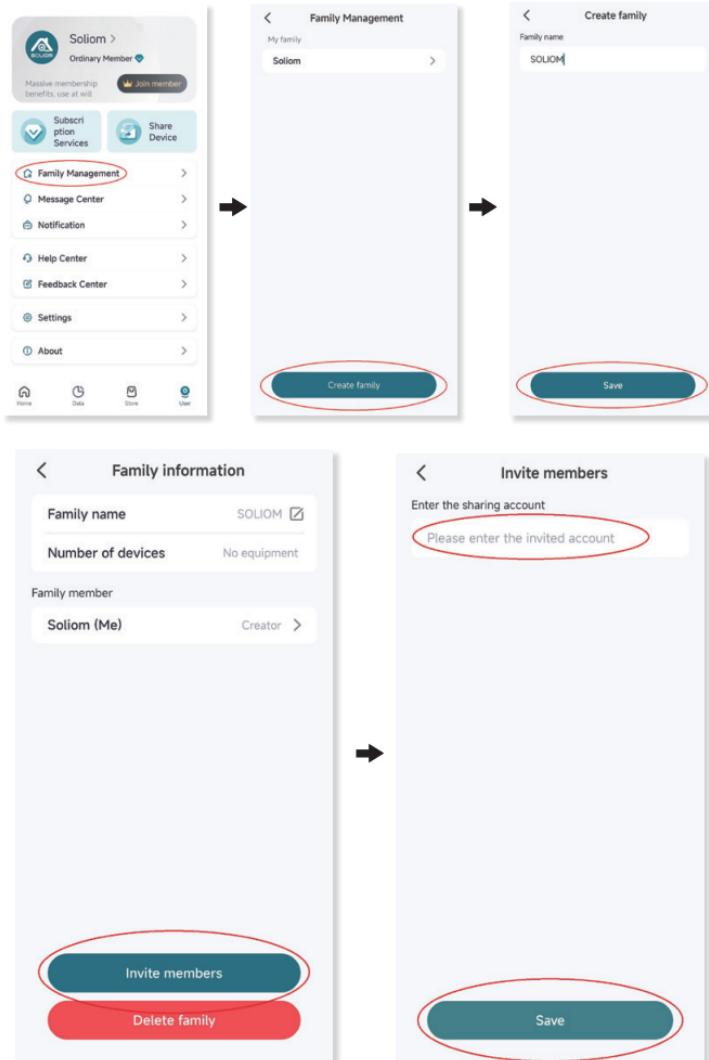
# Technical Specifications

<b>Image Quality</b>	Resolution	5MP
<b>Specifications</b> <b>Lens</b>	Lens angle	Diagonal 120° Horizontal 110° Vertical 65°
<b>Video Specifications</b>	Video format	H.265
	Frames per second	15fps
	SD card support	8GB-Max 128GB
<b>Audio</b>	Output	5V/1A
	Input	5V/1A
<b>Communications</b>	WiFi	2.4 Ghz
<b>Battery</b>	Solar Panel	3w
	Battery capacity	5200 mAh
	Standby time	Max 6 months
	Power consumption	2W(run)0.012W(standby)
<b>Applicable Environment</b>	Temperature	-20°C~+60°C(-4°F-140°F)
	Humidity	20%~85% (Non-condensing)
<b>PIR</b>	PIR angle	105°
	PIR range	39ft
<b>System Support:</b> Android 2.3 above/ iOS 7.0 above		

# How to add a new Family

## Click“Family Management”

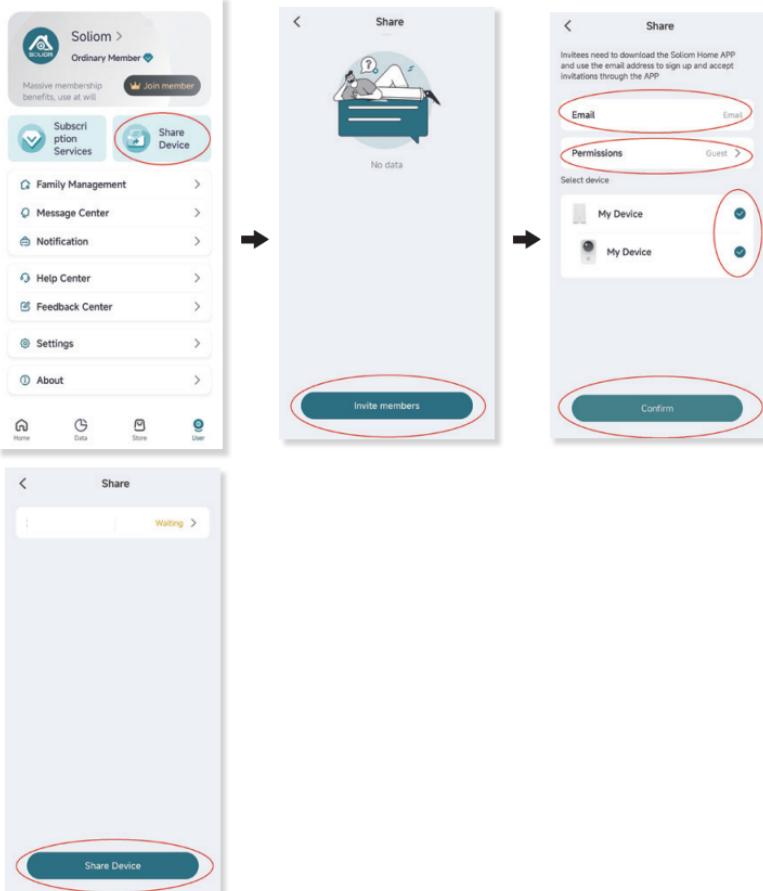
Click the " Family Management " and click “Create Family”then change the name and "save".At last,you can invite your family members.



# How to share your camera

**When you can use your camera properly, You can start to share your camera to your friends or family members.**

- (1) Click "Share Device"
- (2) Invite members
- (3) Fill in the registered email address of the invited member, set the management rights for him, check the device to be shared, and press "Confirm"
- (4) Click "Share Device"

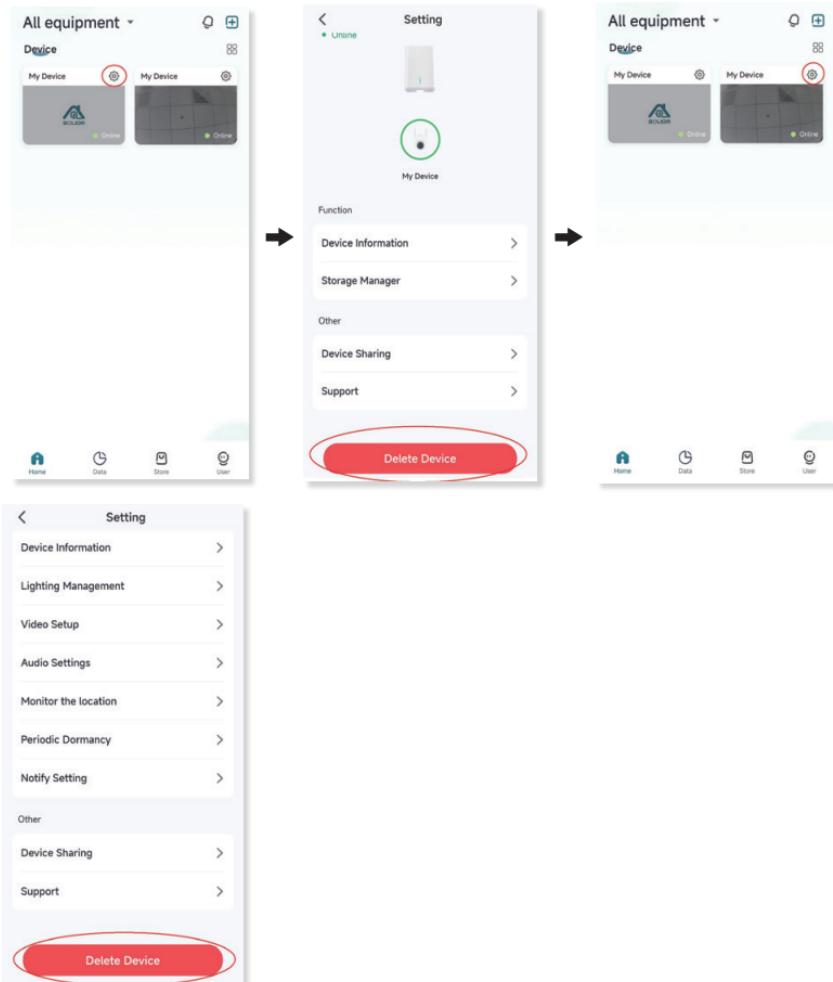


# How to unbind your camera

## How to unbind your camera

Please do not forget to unbind your camera from your App when you plan to return the camera, to avoid any personal information disclosure risk.

Click "⚙" and click "Delete Device"



# How to buy cloud storage service

## How to buy cloud storage service

The Cloud service is an alternative storage option. You can also choose to use a micro sd card to record all videos in the camera instead of using Cloud service.

The image shows the Solum app interface. On the left, a sidebar lists various services: Family Management, Message Center, Notification, Help Center, Feedback Center, Settings, and About. The 'Subscription Services' option is highlighted with a red oval and a large black arrow points from this section to the 'Value-added Services' screen on the right. The 'Value-added Services' screen displays four service plans: 'Gift-new device' (1 day cycle event/month, \$0), 'Standard' (7 day cycle events/week, \$2.99), 'Advanced' (30 day cycle events/month, \$4.99), and 'Annual' (30 day cycle events/year, \$49.99). At the bottom, there are 'Payment: \$0' and a 'Buy Now' button.

Solum >  
Ordinary Member

Massive membership benefits, use at will

Join member

Subscription Services

Share Device

Family Management

Message Center

Notification

Help Center

Feedback Center

Settings

About

Value-added Services

My Devices: My Device

Gift-new device

1 day cycle event/month \$ 0

24 hours Free/month

Auto Renewal

Standard

7 day cycle events/week \$ 2.99

7 days \$2.99/week

Auto Renewal

Advanced

30 day cycle events/month \$ 4.99

30 days \$4.99/month

Auto Renewal

Annual

30 day cycle events/year \$ 49.99

30 days \$49.99/year

Auto Renewal

Payment: \$0

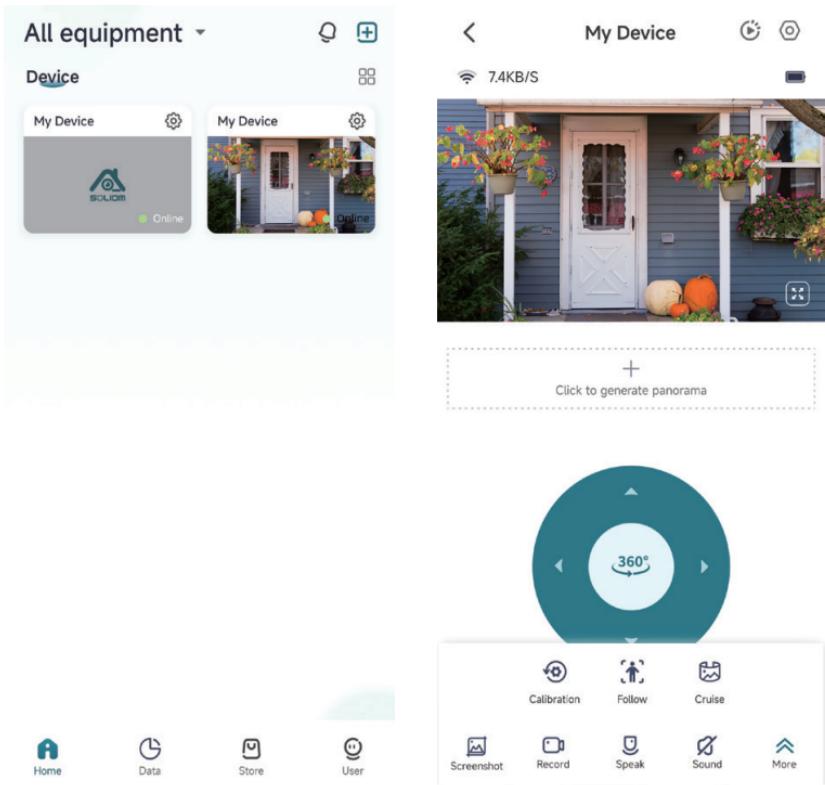
Buy Now

## Important Tips:

We suggest you to format the memory card to FAT32 for the first use. The memory card videos can be manually downloaded one by one to the phone's album. You can delete videos, or keep the card to be overwritten automatically. (Camera is defaulted to auto overwritten)

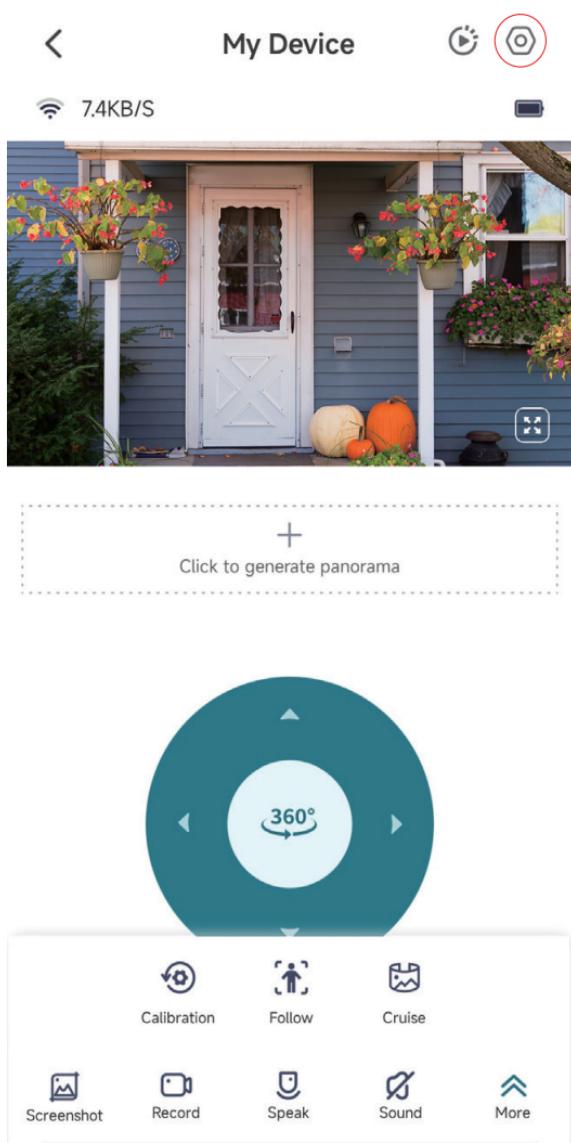
# Detailed App Instructions

Click on the video, you can start to live view your camera.



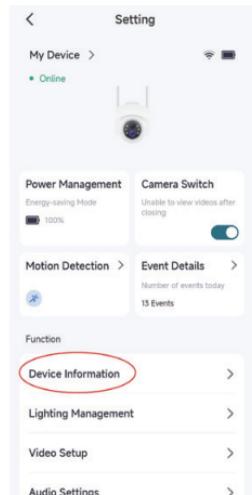
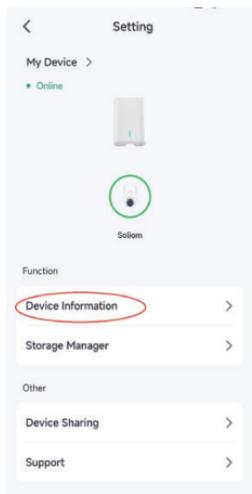
# Detailed App Instructions

Setting: Click " (◎) " to enter into device setting



# Device Setting

## Device Name

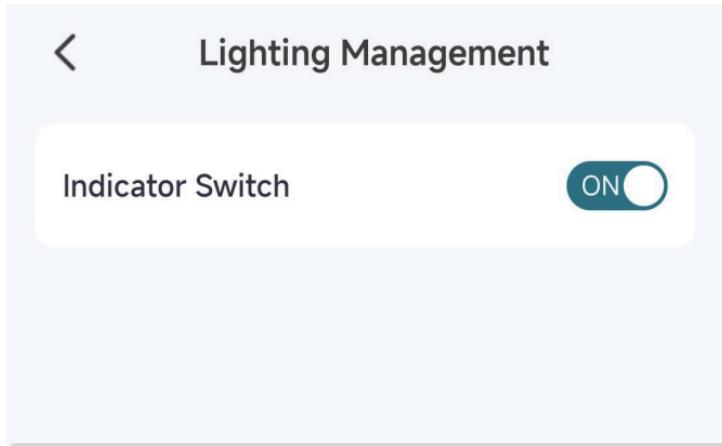


# Device Setting

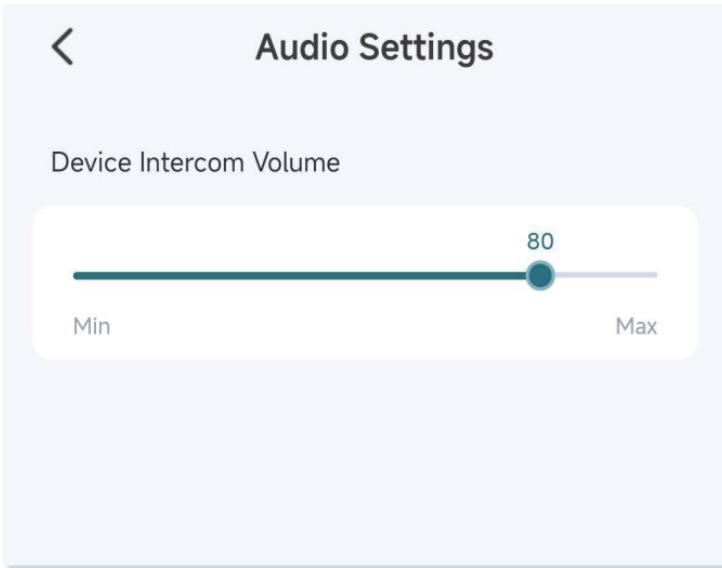
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## Lighting Management

Camera is defaulted to ON



## Audio Settings

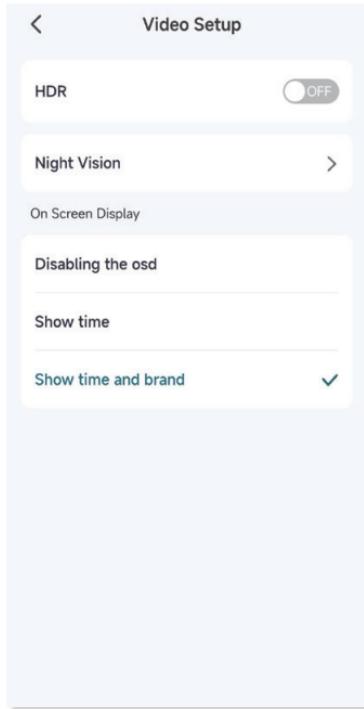


# Device Setting

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## Video Setup

You can choose to have HDR or On Screen Display watermark for the video. HDR is defaulted to OFF, OSD is defaulted to time and brand



### **Night Vision**

#### **B&W Night Vision**

The IR LED will turn on when motion is detected at night.

#### **Spotlight Night Vision**

The spotlight will turn on when motion is detected at night. This option applies to areas where there are other lights turned on.

#### **Turn Off**

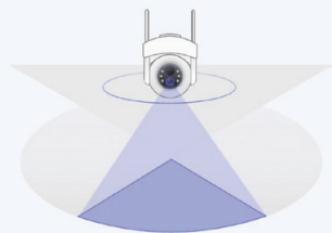
Turn off the IR LED and spotlight at night.

# Device Setting

## Monitor the location



### Monitor the location



In order to ensure the effective detection of the camera and avoid missing alarms, please set the default monitoring position first. After the default monitoring position is set, the camera will automatically return to the default position after moving or rotating the PTZ.

[Start the setup](#)

### Front Door

WiFi 18KB/s

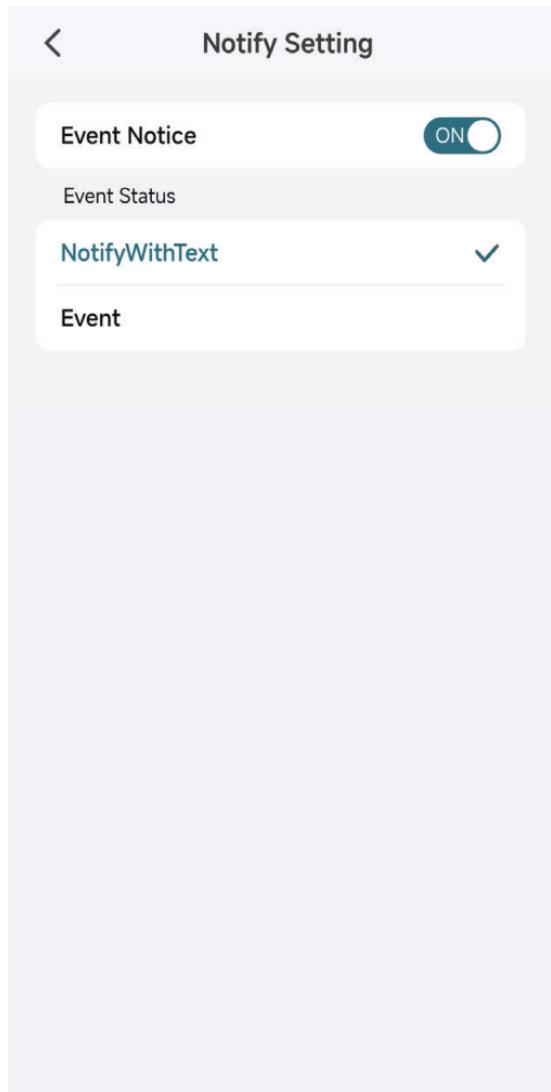
[Set default location](#)

In order to ensure the effective detection of the camera and avoid missing alarms, please set the default monitoring position first. After the default monitoring position is set, the camera will automatically return to the default position after moving or rotating the PTZ.

# Device Setting

## Notify Setting

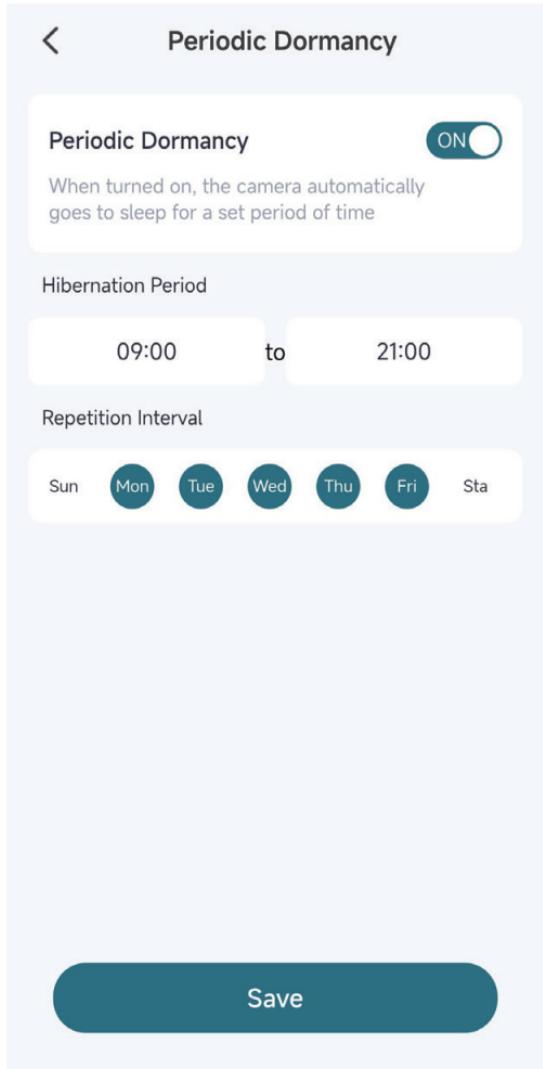
Event Notice is defaulted to ON.



# Device Setting

## Periodic Dormancy

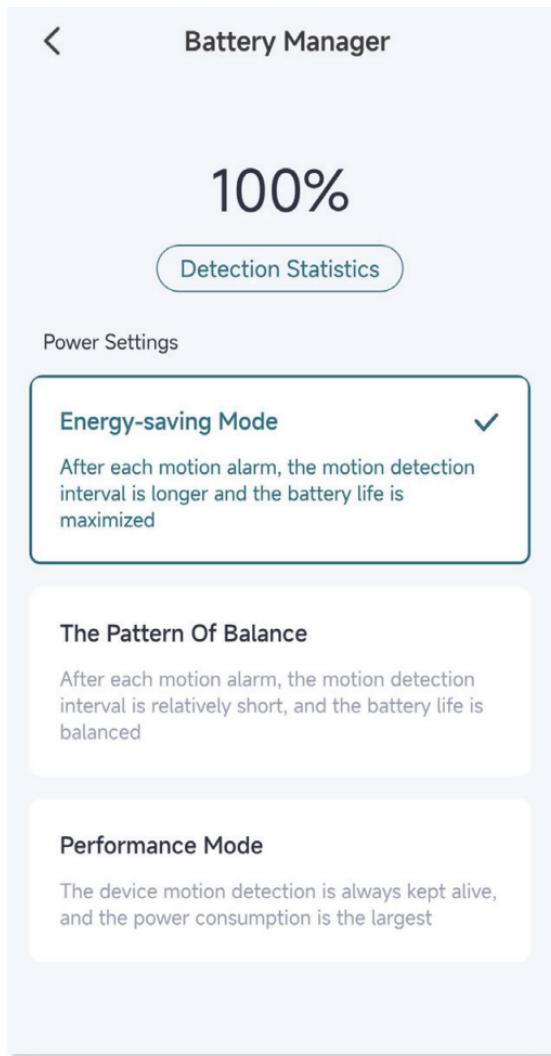
When turned on, the camera goes to standby for a set period of time. You can also set a repetition interval for the set period. The default is OFF.



# Device Setting

## Battery Manager

You can set a battery mode to its best performance. The default is Energy-saving Mode.

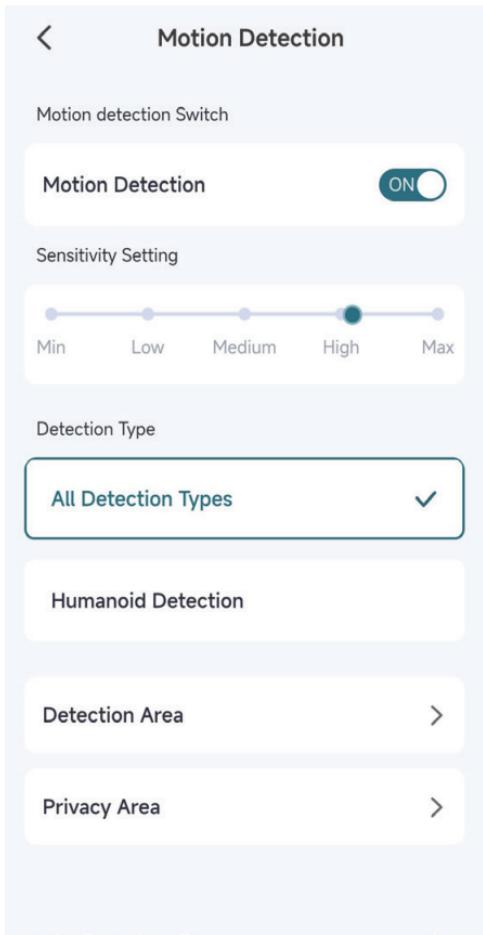


# Device Setting

## Motion Detection

Sensitivity Setting: The default is High, You can adjust it to reduce false alarms by decreasing it to its best performance.

Detection Type: The default is All Detection Types, you can also adjust it according to your actual situation.



# Device Setting

## All Detection Types

After selection, Everywhere will be monitored.

## Humanoid Detection

After selection, the camera will track the human figure.

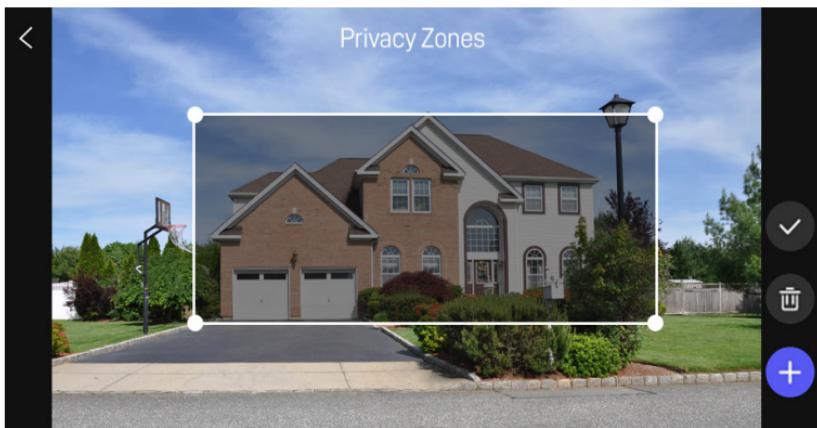
## Detection Area

Screening specific areas for detection and monitoring.



## Privacy Area

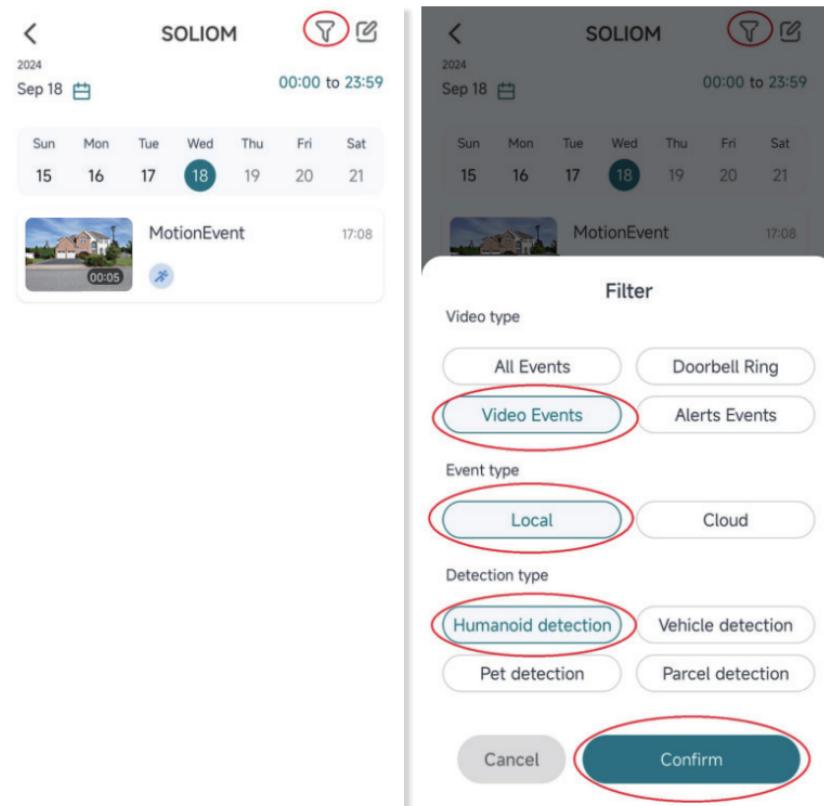
Set the privacy area to be not detected.



# Device Setting

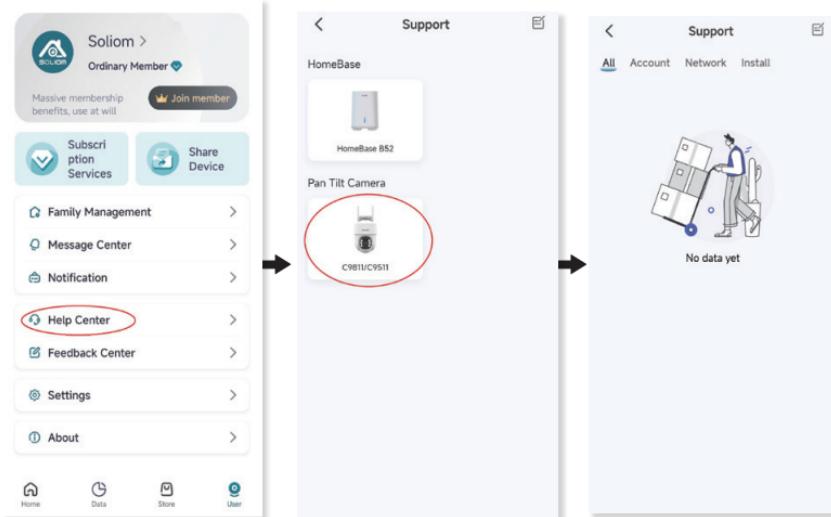
## Filter Events

Filter the time according to the content you want to view and click "Confirm" to quickly view the content you want to view.



# Customer Service

Click "Help Center" to get help and support



# Customer Service

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## Warranty

12-month limited warranty (The actual warranty period shall be implemented according to the requirements of local laws and regulations)

## Email Us

Customer Support: [care@soliom.net](mailto:care@soliom.net)

## Call Us

United States: +1-888-299-8883

 Facebook: <https://www.facebook.com/soliomcam>

 <https://www.facebook.com/groups/soliomvip>

## FCC Warning Statement

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Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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



**SOLION**