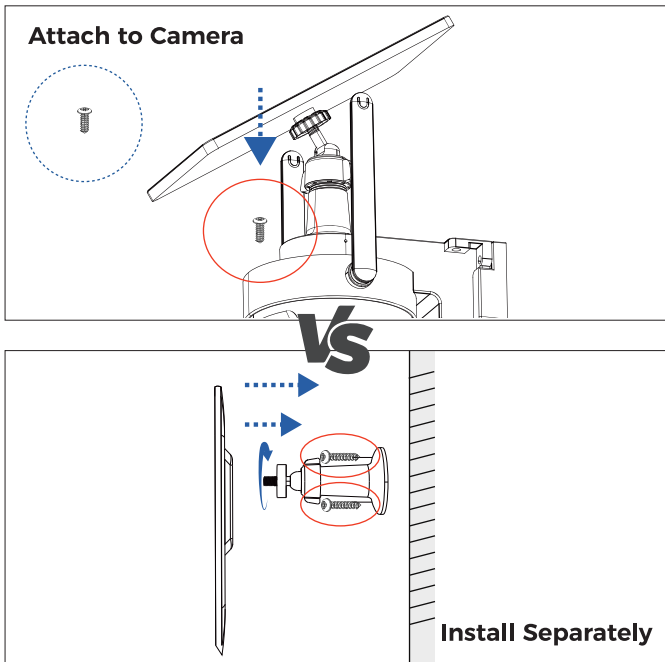


Step 3.3 Mount the Solar Panel

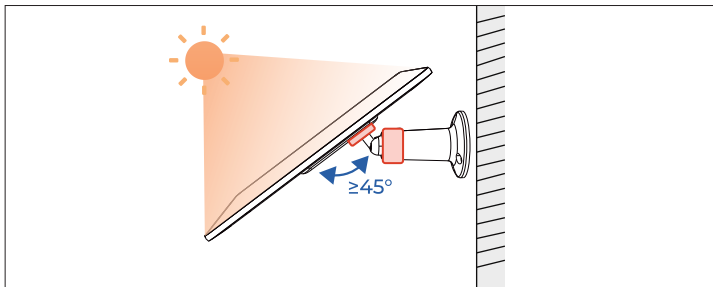
(1) Two Mounting Options.

a. Attach to Camera: Remove the rubber cap on top of the camera. Position the bracket over the opening and secure it using the provided **one** short screw.

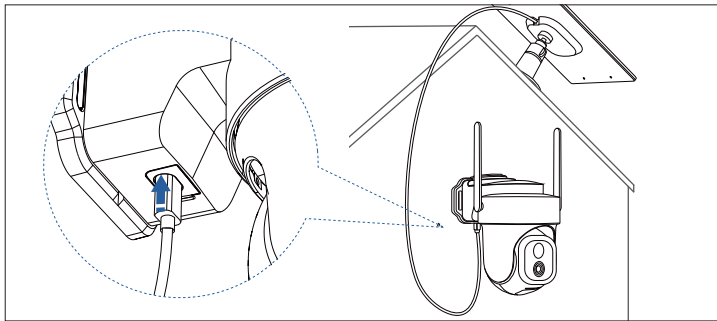
b. Install Separately: Use the included drill template to mark the **three** holes for the solar panel bracket. Drill the holes, insert the wall plugs, and secure the bracket with screws. Keep the panel within 10 ft (3 m) of the camera to ensure cable reach.



(2) Assemble the Solar Panel. Attach the solar panel to the bracket. Tilt the panel at least 45° toward direct sunlight. Secure the angle by tightening the two adjustment knobs on the back.



(3) Connect the Cable. Insert the Type-C connector through the silicone grommet and insert it into the camera's charging port. Ensure the rubber plug fully seals the charging port for optimal weather resistance.



Notes

Hemisphere-specific Orientation and Angle

Northern Hemisphere users should face the solar panel South. Southern Hemisphere users should face the solar panel North. The ideal angle = the local latitude $\pm 5^\circ$.

Maintenance & Precautions

Regular Cleaning: Wipe the solar panel with a soft cloth once a month to remove dust and debris.

Avoid Obstructions: Keep the panel clear of leaves or other objects, as even partial coverage can reduce charging efficiency.

Extreme Weather Tips: Clear snow promptly after storms, and check rubber seals during periods of heavy rain.

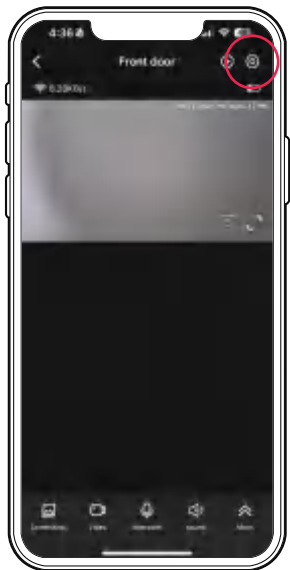
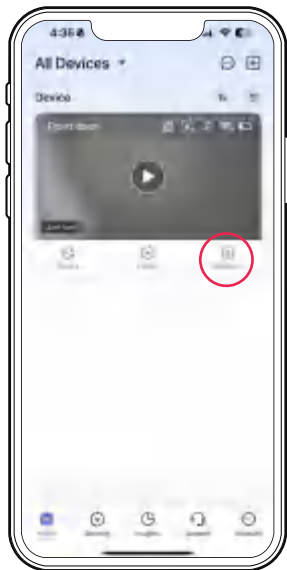
► 05. App Settings & Features

1. Device Settings

You can access your device settings in either of the following ways:

(1) From the device list on the Home Page

(2) From the Live View Page



2. Power Mode

Go to: **Device Settings > Power Mode**

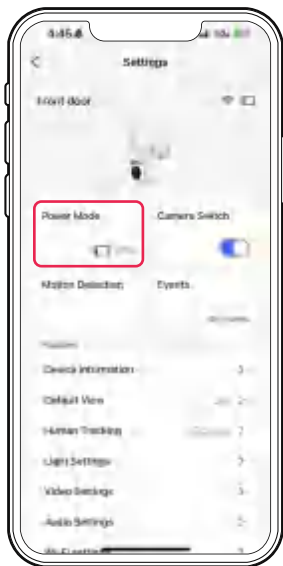
You can choose between two power modes:

Optimal Battery Life

Records up to 20 seconds per event. The system will reduce repeated triggers to extend battery life.

Optimal Surveillance

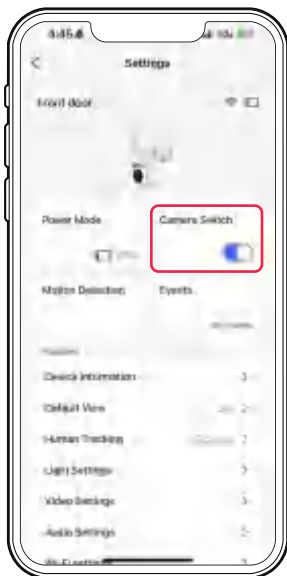
Records up to 60 seconds per event. The system captures each motion trigger in full, which results in higher battery consumption.



3. Camera Switch

Go to: **Device Settings > Camera Switch**

You can turn the camera on or off manually. When turned off, the camera will stop detecting and recording events.

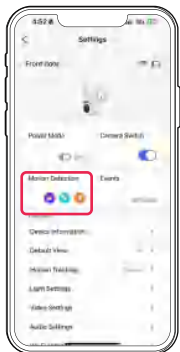


4. Motion Detection

Go to: **Device Settings > Motion Detection**

There are several motion detection settings you can customize:

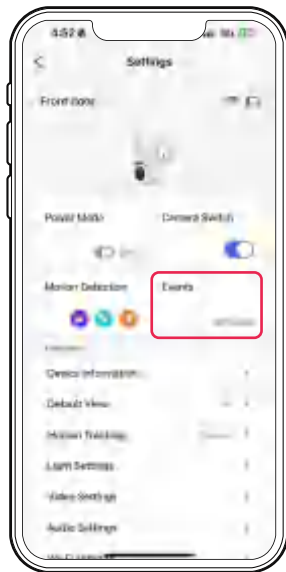
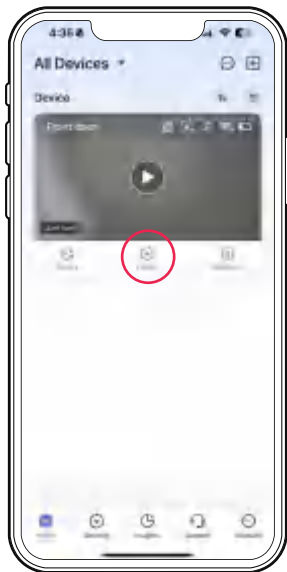
- (1) **Toggle Detection** – Turn motion detection on or off. When off, the camera will not detect any motion.
- (2) **Adjust Sensitivity** – Higher sensitivity detects motion from farther away; lower sensitivity limits it to closer range.
- (3) **Select Detection Types** – Choose to detect people, pets, vehicles, or all motion types.
- (4) **Set Detection Zone** – Define a specific area for motion detection, and ignore activity outside the zone.



5. View Recorded Events

You can access your recorded events in either of the following ways:

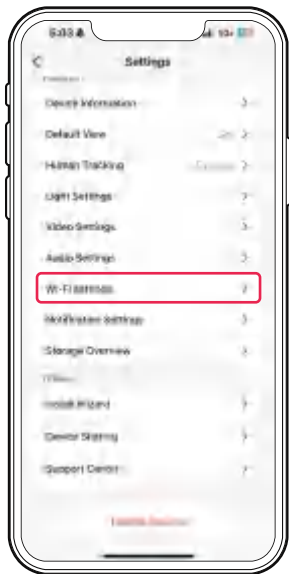
- (1) From the device list on the **Home Page**
- (2) From the **Device Settings Page**



6. How to Change Wi-Fi Settings

Go to: **Device Settings > Wi-Fi Settings**

You can update your Wi-Fi settings and connect the camera to both a 2.4GHz and a 5GHz network. The system will automatically switch between the two bands to ensure optimal connectivity and signal strength.



7. How to Access Device Information

Go to: **Device Settings > Device Information**

Here, you can set a nickname for your device and view key details such as the model, serial number, firmware version, and more. This information is especially helpful when contacting our technical support team.



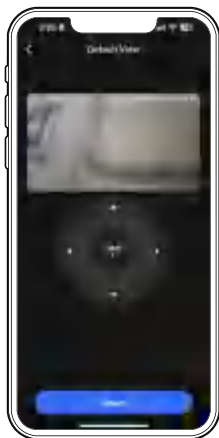
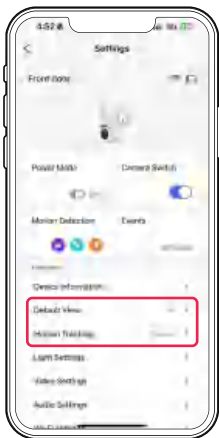
8. How to Set Default View and Human Tracking

Go to: **Device Settings > Default View**

The default view is the camera angle it will return to after camera rotations (e.g., human tracking).

Go to: **Device Settings > Human Tracking**

When turned on, the camera will follow the detected person as they move. This feature automatically pauses when battery is below 20%.



9. Other Device Settings

Go to: **Device Settings**

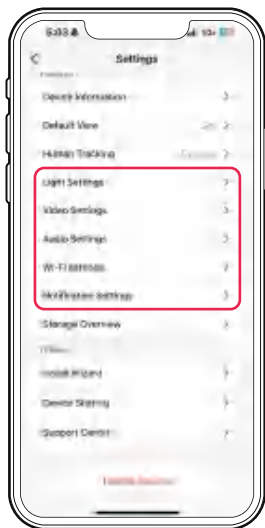
There are many more device settings you can explore:

(1) Light Settings – Turn the indicator LED on or off.

(2) Video Settings – Set the night vision mode and adjust On-Screen Display (OSD) information.

(3) Audio Settings – Enable or disable the microphone.

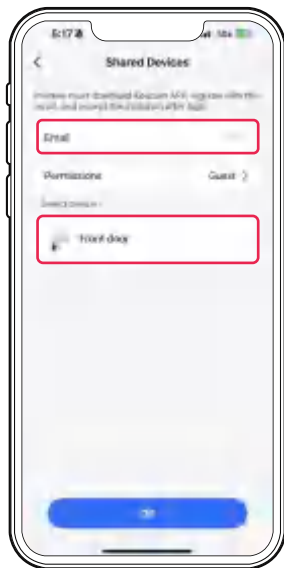
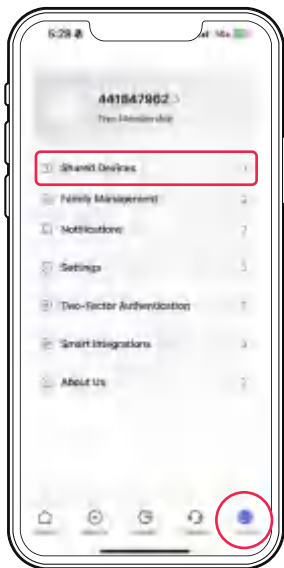
(4) Notification Settings – Choose between text-only or image preview notifications, and enable push notifications.



10. How to Share Device

(1) Go to: **Account > Shared Devices**

(2) Enter user's email and select device to share

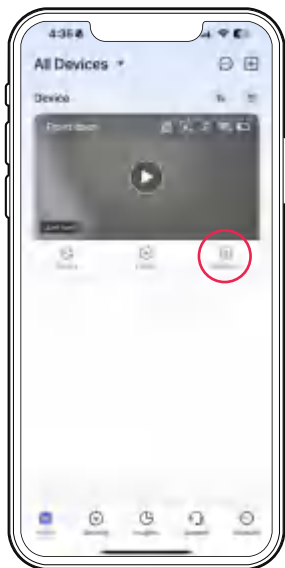


Notes

The invited user needs to download the Koccam app and register an account **in the same region as yours**. Once you send the invitation, they must accept it in the app.

11. How to Unbind Device

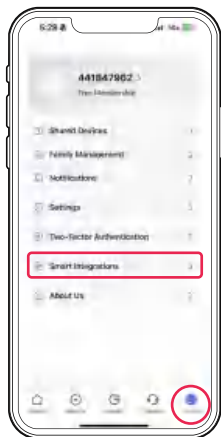
Device Settings > Delete Device (scroll to the bottom)



12. How to Connect with Voice Assistant

(1) Go to: **Account > Smart Integrations**

(2) Select **Amazon Alexa** or **Google Assistant**, and follow the on-screen instructions.



► 06. Troubleshooting

1. No Verification Email

Issue: Didn't receive account verification email.

Solution: Check your spam or junk folder. You can also tap the "**Resend Email**" button in the app to request a new one.

2. Login Failed

Issue: Unable to log in.

Solution: Ensure you've selected the correct region when logging in. If needed, use the "**Forgot Password?**" option to reset your login credentials.

3. Poor Solar Charging

Issue: Battery constantly stays below 20%, red LED flashing.

Solution: Adjust the solar panel to face direct sunlight and match your local latitude (the ideal angle = your local latitude $\pm$ 5°). Clean off any dust, snow, or debris from the panel. For a quicker charge, you can also connect the camera to power using the included USB cable (full charge takes about 5 hours).

4. No Motion Alerts

Issue: The camera doesn't send motion alerts to your phone.

Solution: Make sure push notifications are enabled for the KooCam app on your device.

- **iOS:** Go to **Settings > Notifications > KooCam**, and allow notifications.

- **Android:** Go to **Settings > Apps > KooCam > Notifications**, and turn on all notification permissions.

Then, open the KooCam app and go to **Device Settings > Notification Settings** to enable push notifications.

Issue: No motion events are recorded in the app.

Solution: Make sure motion detection is enabled in the app **Device Settings > Motion Detection**.

You can try increasing the sensitivity level. Also, check the detection zone settings — make sure no zones are excluded, or that your desired area is included.

5. No Motion Events

Issue: No video recordings are visible in the app.

Solution: Video recordings are stored either in the cloud or locally on the device using a microSD card (not included). To store footage locally, insert a microSD card into the slot at the bottom of the camera. The device supports cards up to 256GB.

6. Image Not Clear or Not Showing

Issue: The image is blurry or not displaying.

Solution: Gently clean the camera lens area with a soft cloth. Ensure the lens and radar are not covered by any objects. Avoid installing the camera near strong light sources such as street lamps, which may interfere with image quality.

Issue: Night vision is too dim or not clear enough.

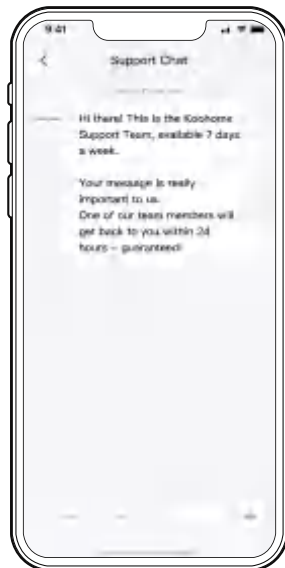
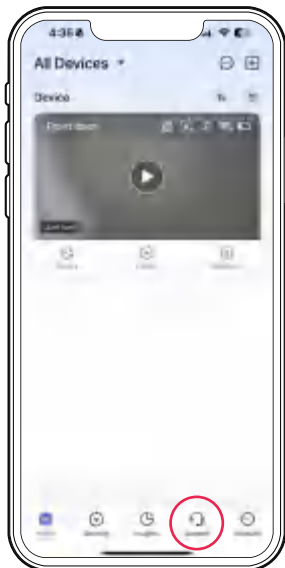
Solution: To enhance night vision, open the live view and tap "**More**" > "**White Light**" to turn on the spotlight. This will improve visibility in dark environments. Be sure to turn it off afterward, as it consumes more battery.

► 07. Technical Specifications

Image Quality	Resolution	8MP 3840H x2160V (16:9)
	Image Sensor	1/2.8" Progressive Scan CMOS
Specifications Lens	Viewing Angle	100.6° Diagonal 84.4° Horizontal 44.3° Vertical
	Focal Length	4mm
Video Specifications	Video Format	H.265
	Frames Per Second	15fps
	Memory Card Support	8GB~Max256GB, Cloud Storage
Communications	Wireless Security	WEP, WPA, WPA2
	Wi-Fi	2.4/5 GHz, IEEE 802.11b/g/n/
Battery	Solar Panel	3W
	Battery Capacity	3.6V/5200mAh 2pcs 18650
	Standby Time	Max 6 months
	Charger	Charger
Applicable Environment	Temperature	-20°C~ 50°C (-4°F~122°F)
	Humidity	20% ~ 85%; Non-condensing
PIR	PIR Angle	110°
	PIR Range	30ft
System Support	Android 2.3 Above / IOS 7.0 Above	

► 08. Customer Service

For the fastest assistance, use the support chat in the Koocam app - available 7 days a week. Our team is committed to getting back to you within 24 hours.📧



Solar Power. Smart Security.