Go Series G450 with Solar Panel

Go Series G450, running on 3G/4G LTE mobile network and being battery/solar powered, greatly saves the concerns about network and wiring. Under a high resolution of 4K 8MP UHD, this model offers a razor-sharp images and videos with more precise details than ever before. You can also pan 355° and tilt 140° to monitor more surveillance areas. With a long-lasting battery and solar panel, the camera can works non-stop.

1. Specs
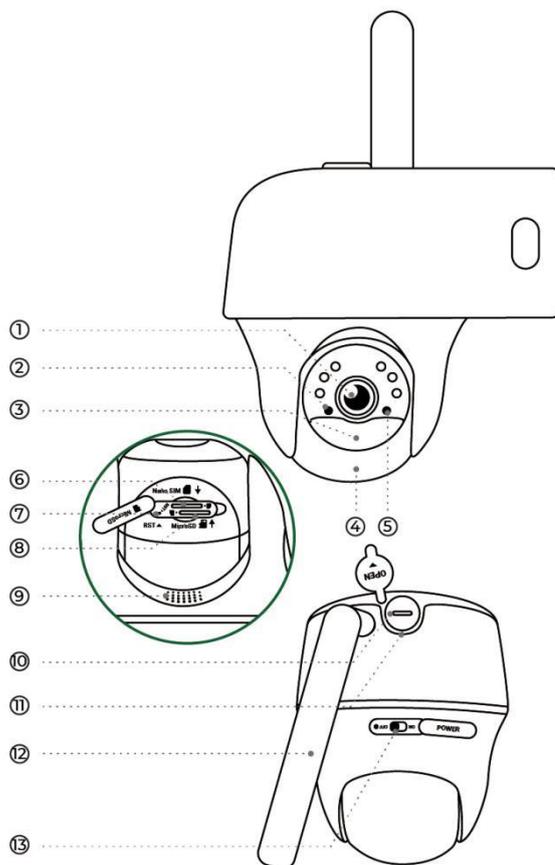
1	Lens

2	Daylight Sensor
3	Built-in PIR Sensor
4	Built-in Mic
5	Status LED
6	Nano SIM Card Slot
7	Reset Hole
8	microSD Card Slot
9	Speaker
10	USB-C Cable
11	Battery Status LED
12	Antenna
13	Power Switch

Status Light

Note:

If the camera connects to the network successfully, there will be no status LED light up during idle mode.

Status Light	Camera Status
Red LED solid light up then starts to flash	Camera cannot recognize the SIM card or there is PIN code of the SIM card.

Red LED solid light up then flash slowly about once every second	Camera cannot register the mobile carrier network.
Red LED solid light up then flash quickly about 3 times in 1s	Data call failed or requires to input the APN.
Red LED solid light up then blue LED starts to flash and goes off completely	Network connection failed.
Red LED solid light up then blue LED starts to flash and solid light up	Network connection succeed.

2. Setup and Install

Set up the Camera

What's in the Box

Note: The package content may vary and update with different version and platforms, please take the below information only for a reference. And the actual package content are subject to the latest information on the product selling page.

Go Series G450 With Solar Panel

Go Series G450 with Solar Panel   Bracket   Pre-Installed 32GB microSD Card   USB-C Cable
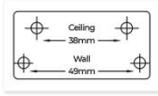
Mounting Template   Pack of Screws   Quick Start Guide   Reset Needle

Activate the SIM Card for the Camera

Choose a Nano SIM card that supports WCDMA and FDD LTE.

Activate the card on your smartphone or with your network carrier before inserting

it into the camera.

Notes:

- Some SIM cards have a PIN code, please use your smartphone to disable the PIN

  first.

- Do not insert IoT or M2M SIM card into your smartphone.

Insert the SIM Card

1. Rotate the camera lens, and remove the rubber cover.
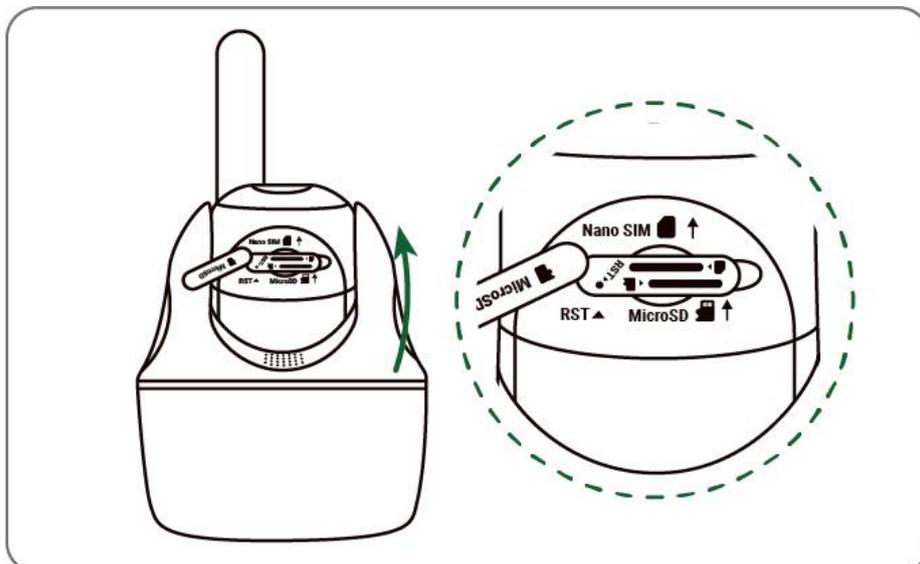
2. Insert the SIM card.
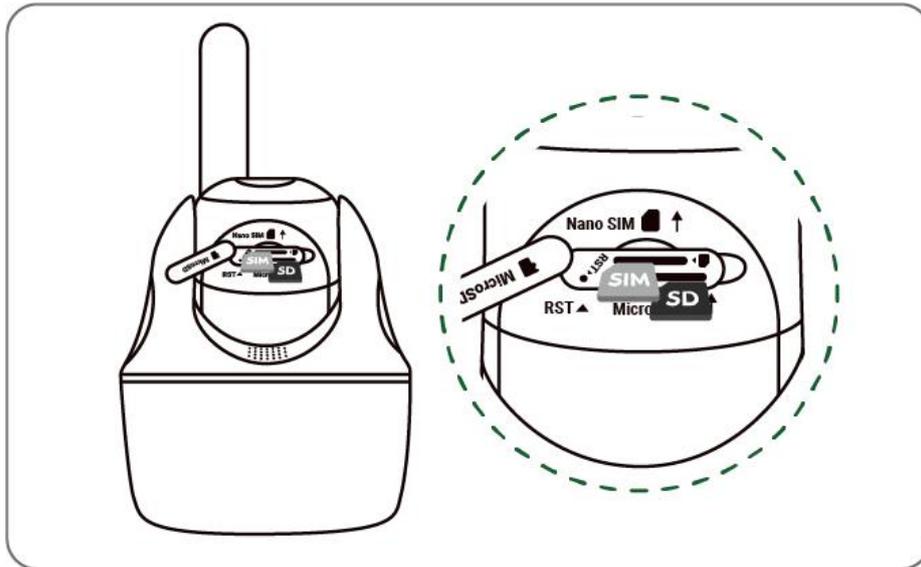
3. With these done, press the rubber cover firmly for better waterproof

performance.
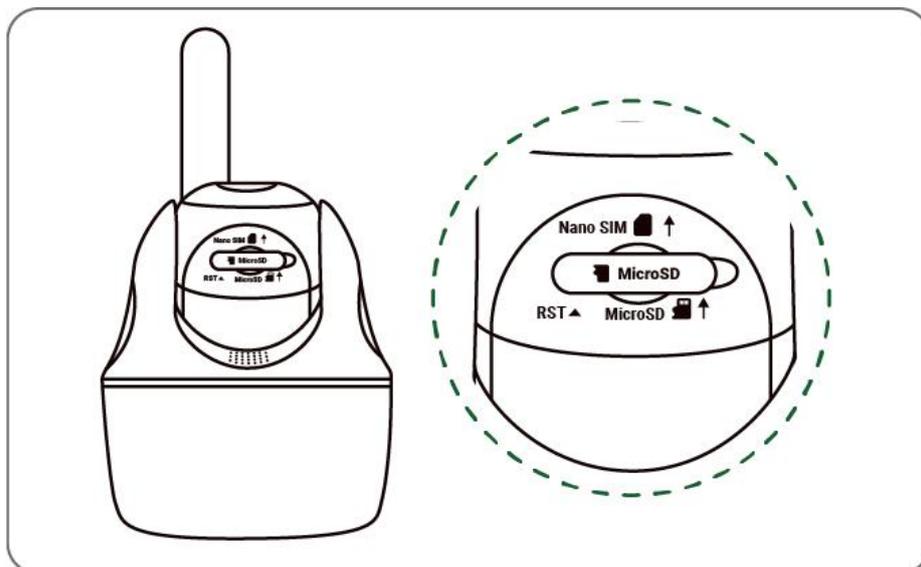
Notes:

• The SIM card slot is above the SD card slot. When inserting the SIM card in,

remember that the gold contacts shall face down and you need to push the trimmed

corner inside the camera.

• The SD card slot is below the SIM card slot. When inserting the SD card in,

remember that gold contacts shall face up.

Register the SIM Card

1. With the SIM card inserted, you can turn on the camera.
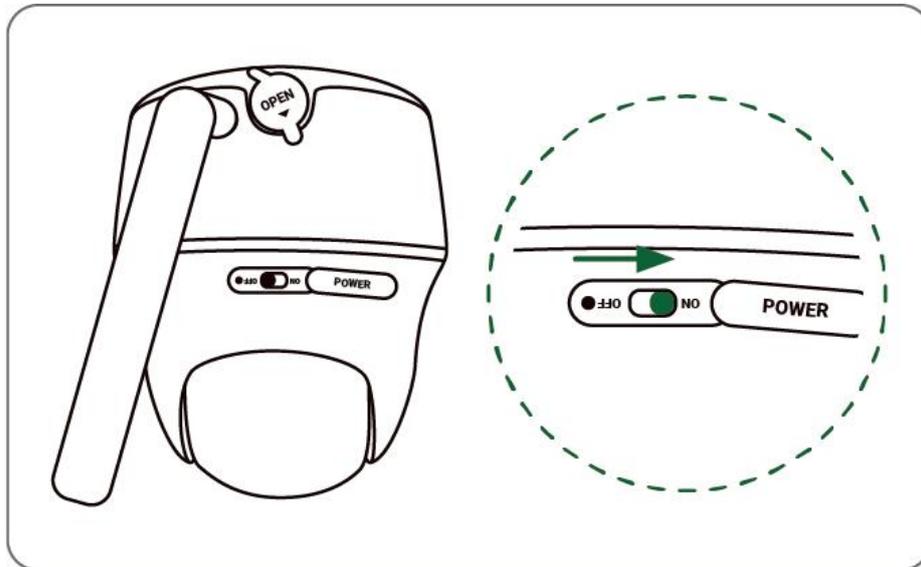
2. Wait a few seconds and a red light will be on and solid for a couple of seconds.

Then, it will go out.
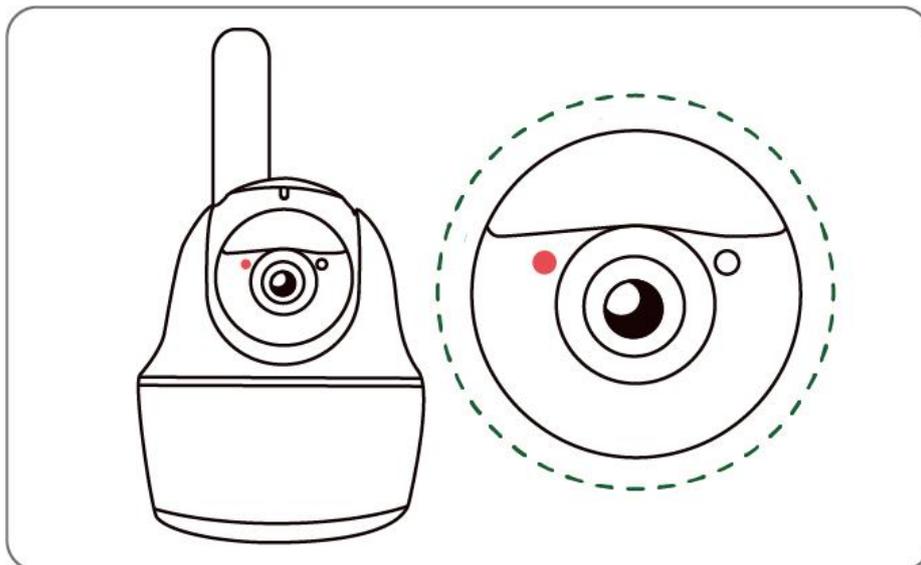
3. A blue LED will flash for a few seconds and then go solid before going out. You will

hear a voice prompt "Network connection succeeded'', which means the camera has

been successfully connected to the network.
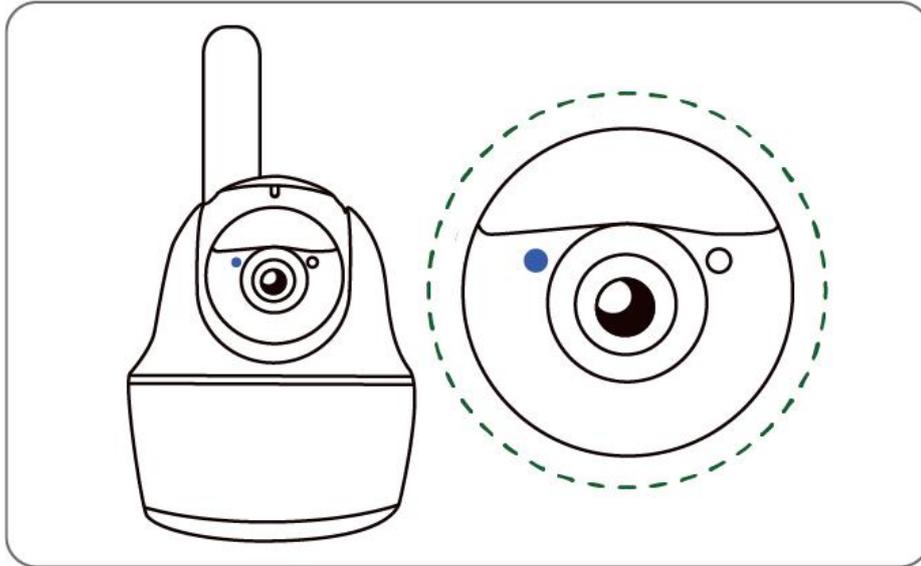
Note:

You may also run into the following situations:

No.	Voice Prompts	Camera Status	Solutions
1	"SIM card cannot be recognized"	Camera cannot recognize this SIM card.	1. Check if the SIM card is facing the reverse direction. 2. Check if the SIM card is not fully inserted and insert it again.
2	"The SIM card is locked with a PIN. Please disable it"	Camera cannot recognize this SIM card.	Put the SIM card into your mobile phone and disable the PIN.

3	"Not registered on network. Please activate your SIM card and check the signal strength"	Camera fails to register to the operator network.	1. Check whether your card is activated or not. If not, please call your operator to activate the SIM card. 2. The signal is weak at the current position. Please move the camera to a location with better signal. 3. Check if you are using the correct version of the camera.
4	"Network connection failed"	Camera fails to connect to the server.	The camera will be in standby mode and reconnect later.
5	"Data call failed. Please confirm your cellular data plan is available or import the APN settings"	The SIM card has run out of data or APN settings are not correct.	1. Please check whether the data plan for the SIM card is still available. 2. Import the correct APN settings to the camera.

Set up the Camera on the App

Please follow the steps below to do initial setup for the battery-powered cameras via Reolink App.

Step 1. Tap the icon ⊕ in the top right corner to add the camera.
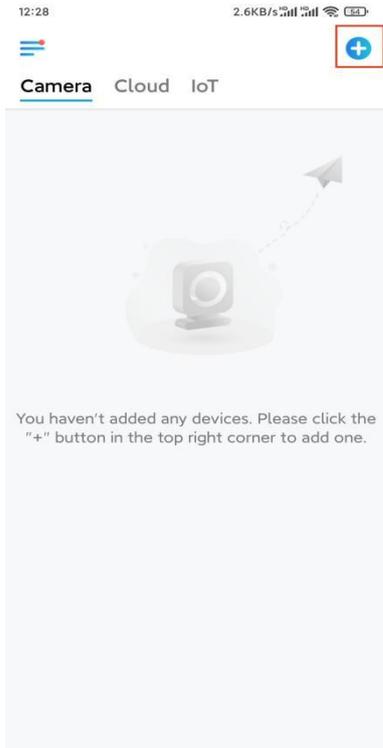
Step 2. Scan the QR code on the bottom of the camera. If the phone doesn't respond, please tap **Input UID/IP** below the scan window, and then enter the 16-digit UID number under the QR code of the camera.
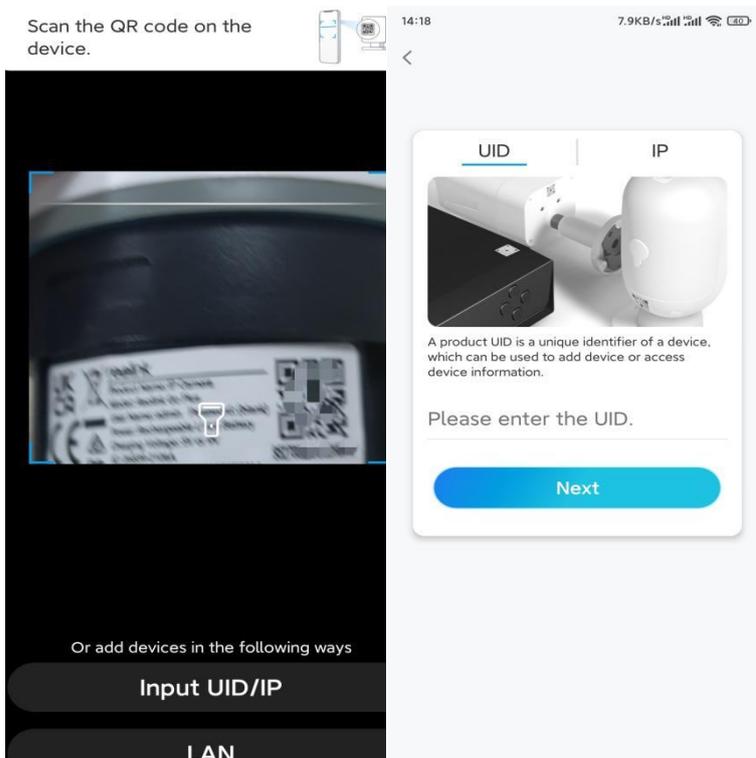
Step 3. Create a login password and name your camera. Then tap **Next**.
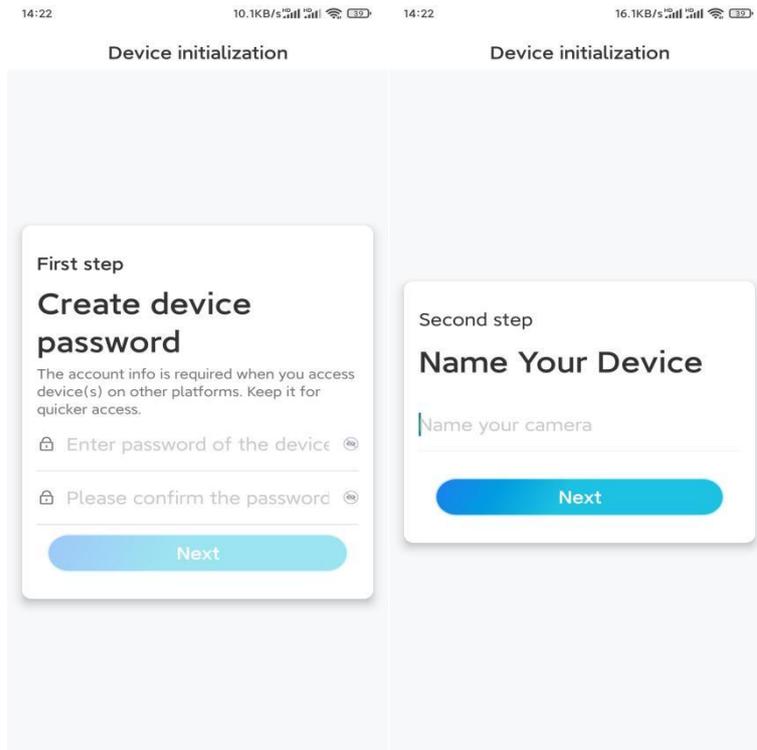
Step 4. Read the note and then tap **Finish** to complete the initialization of your

camera.
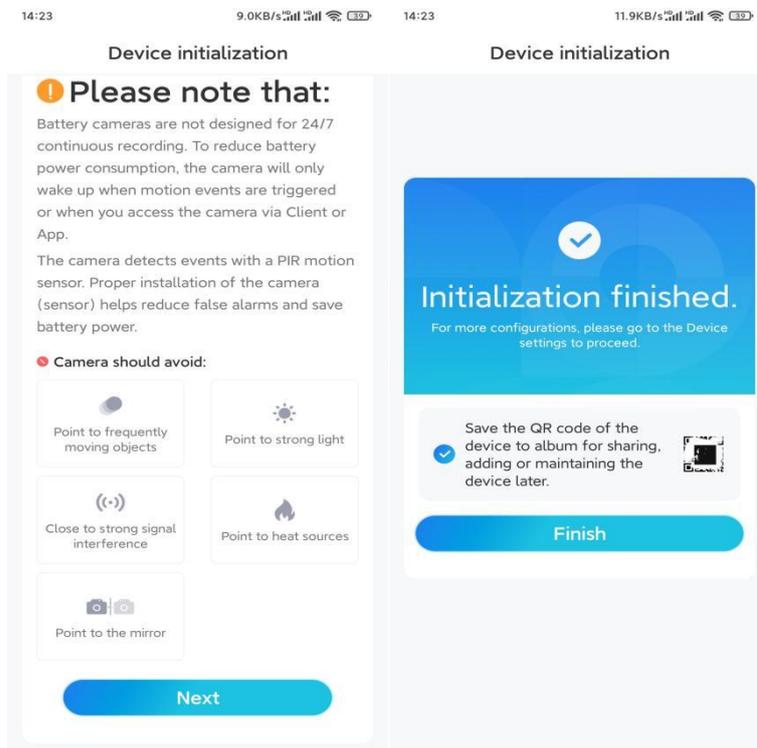
Now the initialization is finished and you can move it to the position you want. Here is an article to choose a good position for the camera.

Install the Camera and Solar Panel

- For better motion detection performance, it is recommended to position the camera perpendicular to the expected movement of wildlife.

- It is recommended to install the camera about 2 meters (7ft) above the ground to maximize the detection range of the PIR motion sensor.
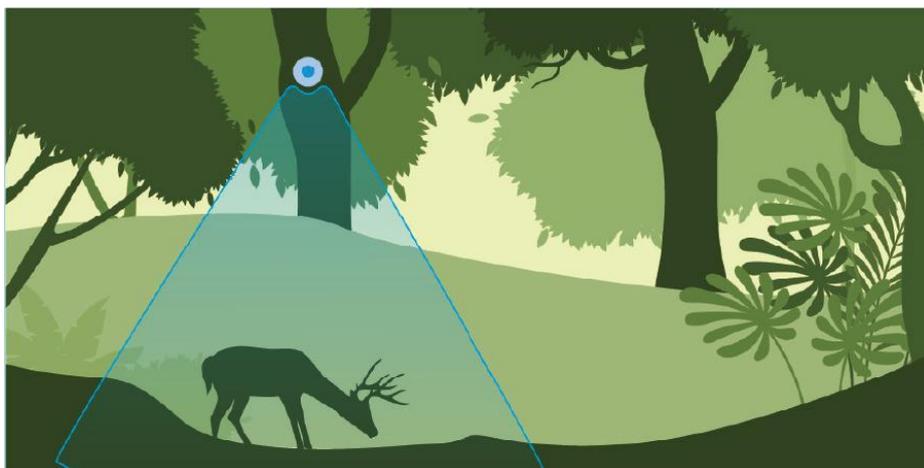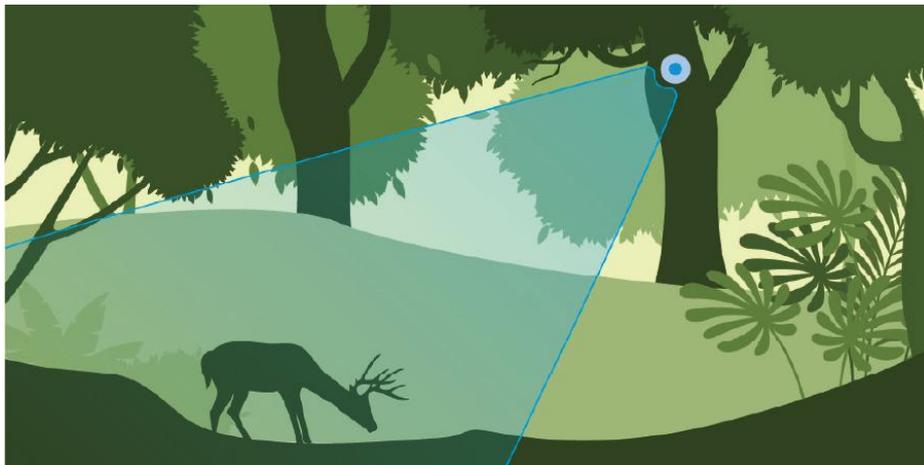
Note: Mount the camera where there are few trees to ensure better monitoring.

Install the Camera on a Surface

Step 1. If installing on a wood surface, hold the security mount in place and screw it directly into your wall.

If installing on a masonry surface like stucco or brick, drill holes in a slightly angled way in accordance with the mounting hole template, then insert wall anchors before screwing the security mount into your wall.

Note: Avoid using drills which could damage the bracket.
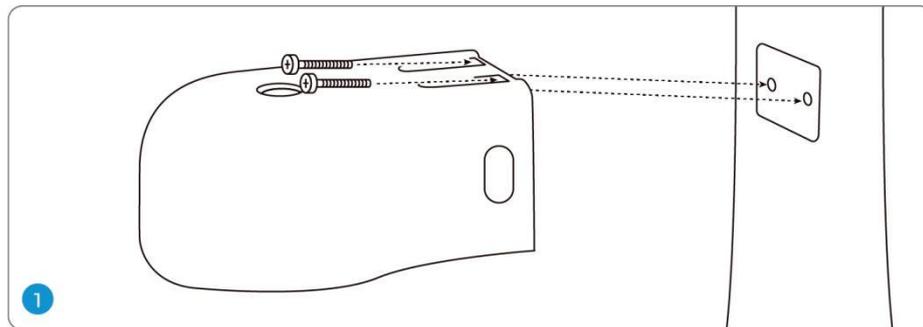
Step 2. Put the camera into the bracket, make sure that the hole on the bracket aligns with the antenna post and the charging port, as shown in the picture.
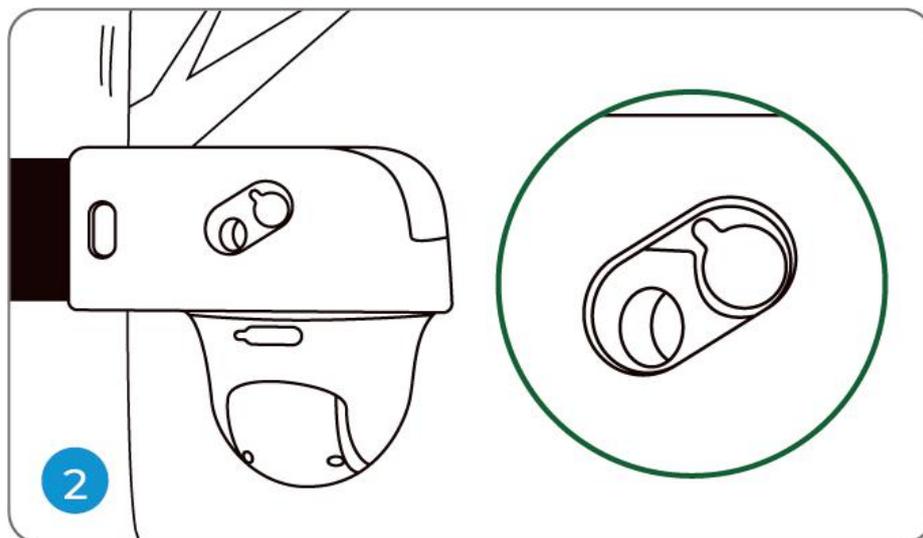
Step 3. Open the rubber plug on the top of the bracket and secure the camera with the hex key, then close it firmly.
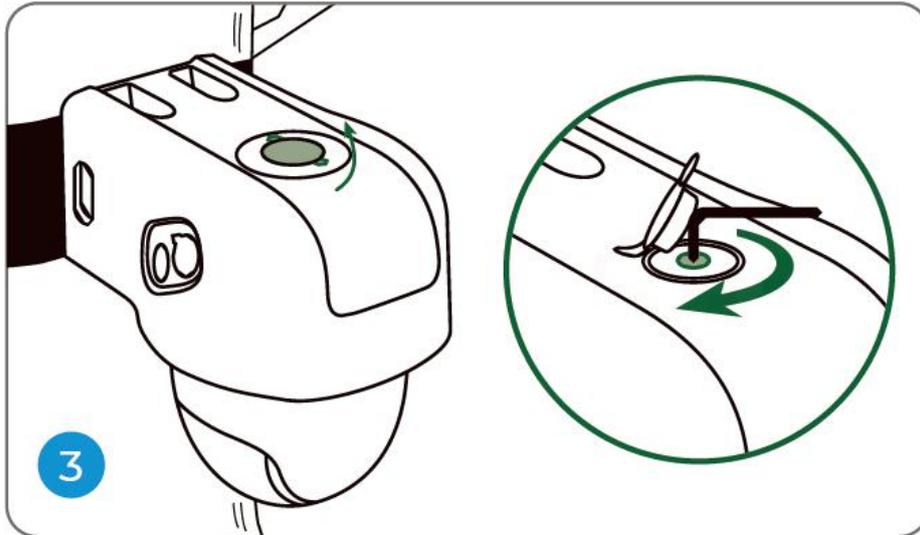
Step 4. Install the antenna to the camera.
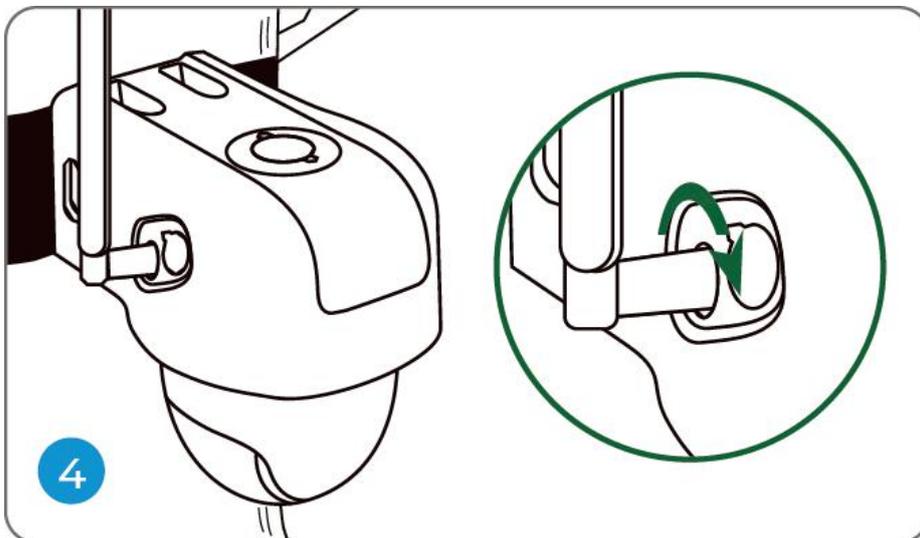
Install the Camera with Loop Strap

Thread the provided strap through the bracket and fasten it to a tree.
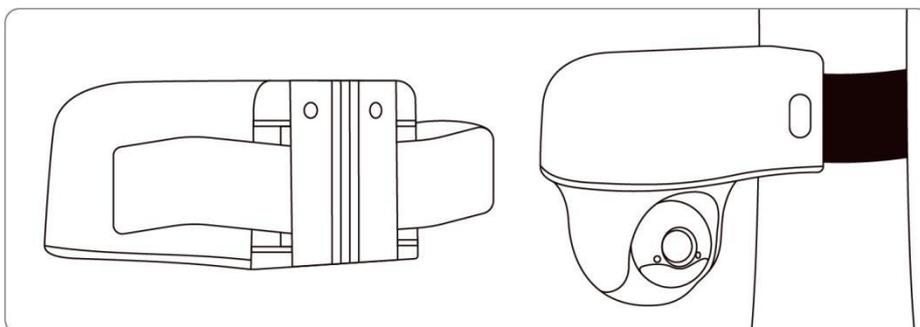
Note: The best way to install the camera is to install it upside down in order to

prevent water from flowing into the microphone hole.

Install the solar panel

Step 1. Please choose a location for your solar panel that gets the most sunlight throughout the year. The Reolink solar panel needs only a few hours of direct sunlight to sufficiently power up your camera daily. The amount of energy that the solar panel can produce is affected by weather conditions, seasonal changes, geographic locations, etc.
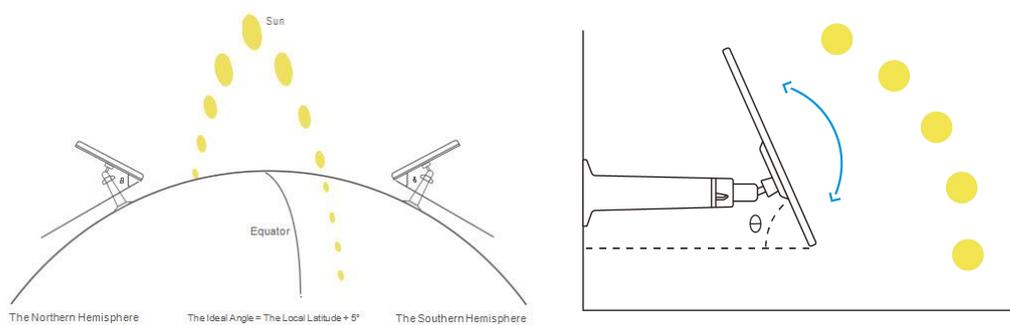
Step 2. Mount the bracket with the mounting template and the screws provided in the package.
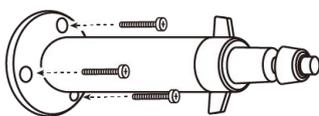
As an alternative, you can use the strap and fasten the solar panel to a tree.
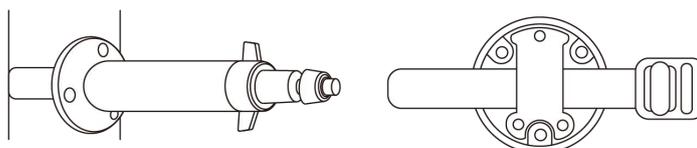
Step 3. Slot the solar panel into the bracket and make sure it's secure.
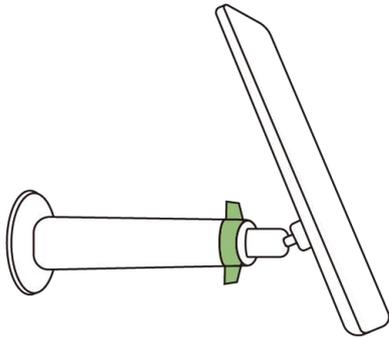
Step 4. Loosen the adjustment knob on the bracket, and adjust the angle of the solar panel to receive the most direct sunlight. Then re-tighten the adjustment knob to secure the panel.
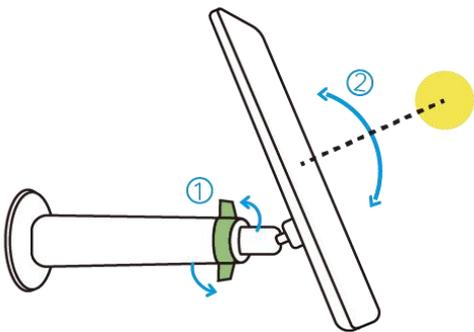
Step 5. Connect the solar panel to the camera with the USB cable.
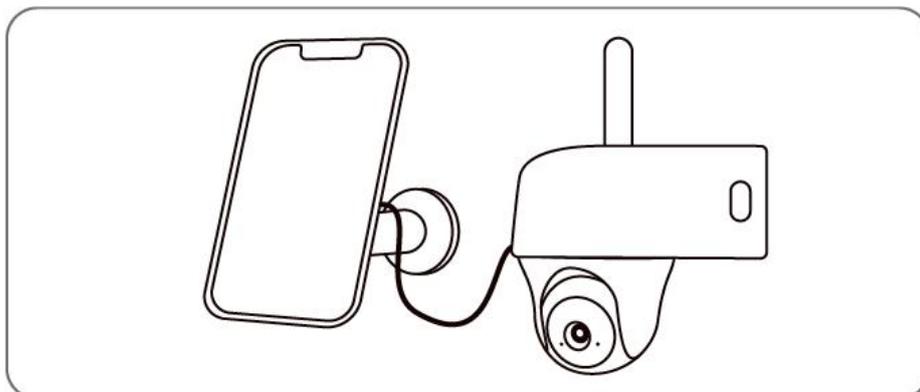
Notes:

- Make sure the solar panel is not blocked. The energy harvesting efficiency drops

drastically even when a small portion of the solar panel is blocked.

- Please don't install the solar panel completely horizontally. Otherwise your solar panel might accumulate dust and other debris easily. It's advised to install the solar panel angularly to receive the most direct sunlight.

- Wipe the solar panel regularly to remove dust or debris.

- Please charge the batteries in temperature between 0°C and 45°C (32~113°F). The solar panel won't charge the camera at temperatures below 0°C (32°F).

- Make sure the camera is plugged in all the way and that the waterproof wire cover protects the interface between the camera and the solar panel.