



QSG1 Reolink Duo 2 LTE User Guide

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QSG1 Reolink Duo 2 LTE



Specifications

- **Model Number:** 58.03.001.0293
- **Release Date:** October 2022
- **Product:** Reolink Duo 2 LTE
- **Manufacturer:** Reolink

Product Information

What's in the Box

1. Camera
2. Antennas
3. Strap
4. Mounting Plate
5. Mounting Hole Template
6. USB Cable
7. Quick Start Guide
8. Surveillance Sticker
9. Pack of Screws
10. Screwdriver

Camera Introduction

The Reolink Duo 2 LTE camera features the following components

- Antennas
- Daylight Sensor
- Mic
- Lens
- PIR Sensor
- Infrared Lights
- Spotlights
- Mounting Bracket
- Status LED (Red Light: WiFi connection failed, Blue Light: WiFi connection succeeded)
- Nano SIM Card Slot (located under the cover)
- Micro SD Card Slot
- Reset Button (press to restore factory settings)
- Power Switch
- Speaker
- Power Port

Product Usage Instructions

Set up the Camera

Activate SIM Card for the Camera

1. Remove the cover with the screwdriver and open the rubber cover to access the SIM card slot.
2. Insert a SIM-eject tool into the hole beside the SIM tray and push it in to pop open the tray.
3. Place the SIM card into the tray, then insert the tray into the camera completely.

Register the SIM Card

With the SIM card inserted, follow these steps to register it

1. Turn on the camera. Wait for a few seconds until a red light appears and stays solid for a couple of seconds, then goes out.
2. 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," indicating successful network connection.

Set up the Camera on the Phone

Follow these steps to set up the camera on your phone

1. Scan to download the Reolink App from the App Store or Google Play Store.
2. Launch the Reolink App and click the "+" button in the top right corner to add the camera.
3. Scan the QR code on the device and follow the onscreen instructions to finish the initial setup.

Set up the Camera on PC (Optional)

If you prefer to set up the camera on your PC, follow these steps

1. Download and install the Reolink Client from the Reolink website (<https://reolink.com>>**Support**>**App&Client**).
2. Launch the Reolink Client and click the “+” button.
3. Input the UID code of the camera to add it and follow the onscreen instructions to finish the initial setup.

Troubleshooting

FAQ

Camera Troubleshooting

SIM card cannot be recognized

1. Camera cannot recognize this SIM card.

The SIM card is locked with a PIN

1. Please disable the PIN on your SIM card.

Not registered on network. Please activate your SIM card and check the signal strength

1. Camera fails to register to the operator network.

Network connection failed

1. Camera fails to connect to the server.

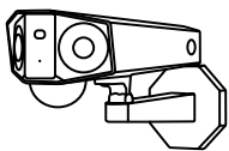
Data call failed. Please confirm your cellular data plan is available or import the APN settings

1. The SIM card has run out of data or APN settings are not correct.

Solutions

1. Check if the SIM card is facing the reverse direction.
2. Disable the PIN on your SIM card.
3. Activate your SIM card and check the signal strength.
4. Check your network connection and ensure it is stable.
5. Confirm your cellular data plan is active and import correct APN settings if necessary.

What's in the Box



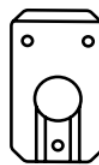
Camera



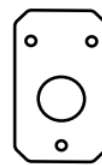
Antennas



Strap



Mounting Plate



Mounting Hole
Template



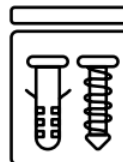
USB Cable



Quick Start Guide



Surveillance
Sticker



Pack of Screws



Screwdriver

Camera Introduction

Camera Introduction

Antennas

Daylight Sensor

Mic

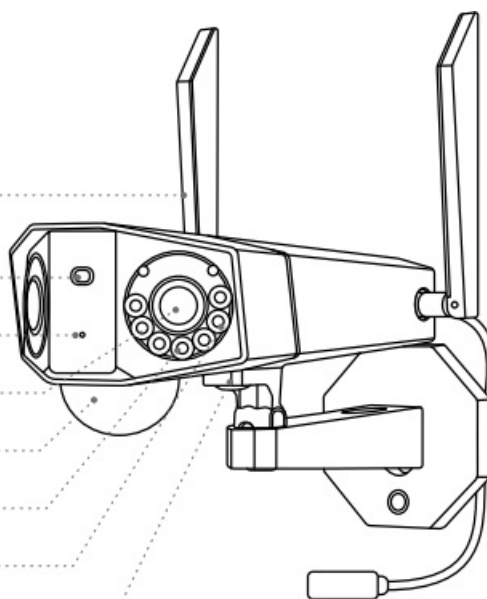
Lens

PIR Sensor

Infrared Lights

Spotlights

Mounting Bracket



- **Red Light:** WiFi connection failed
- **Blue Light:** WiFi connection succeeded
- **Blinking:** Standby status
- **On:** Working status

Nano SIM Card Slot

* Remove the cover to find the reset hole, SIM card slot and SD card slot.

Micro SD Card Slot

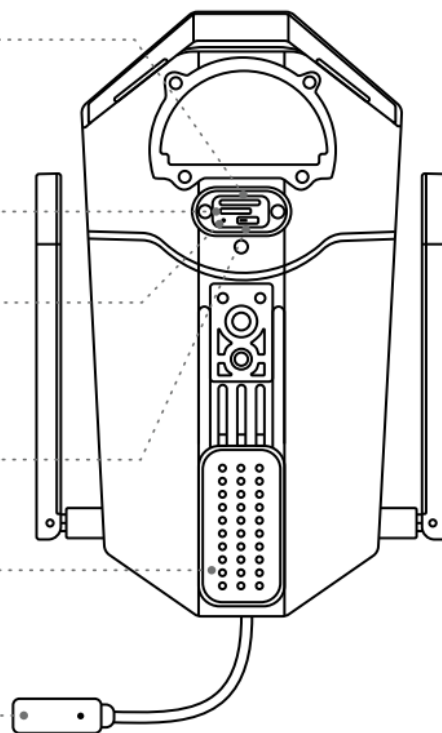
Reset Button

* Press the reset button with a pin to restore factory settings.

Power Switch

Speaker

Power Port



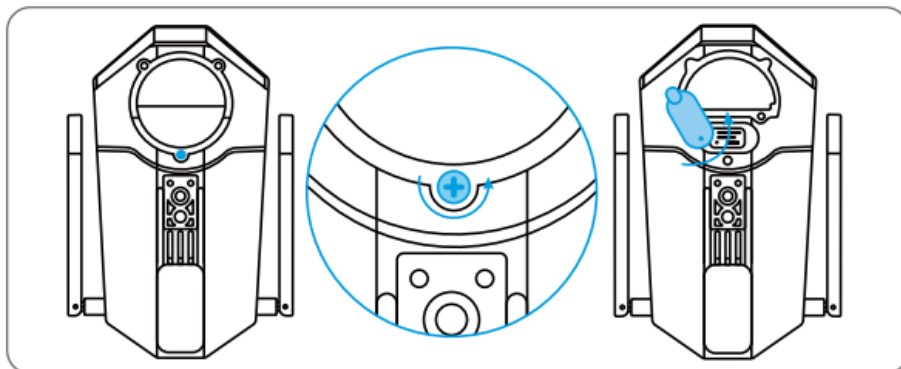
Set up the Camera

Activate SIM Card for the Camera

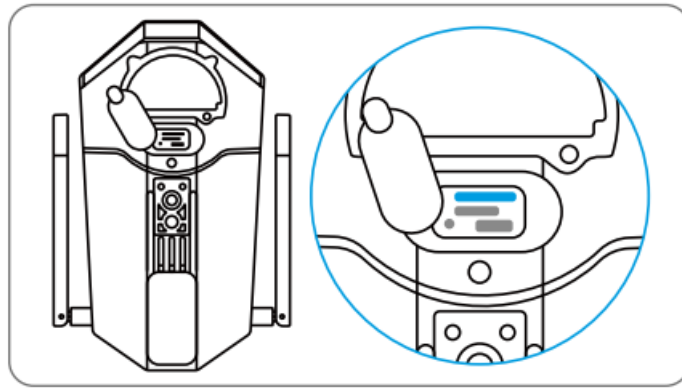
- Choose a Nano SIM card that supports WCDMA and FDD LTE.
- Some SIM cards have a PIN code. You may use your smartphone to disable the PIN first.

NOTE: Do not insert the IoT or M2M SIM into your smartphone.

Insert the SIM Card



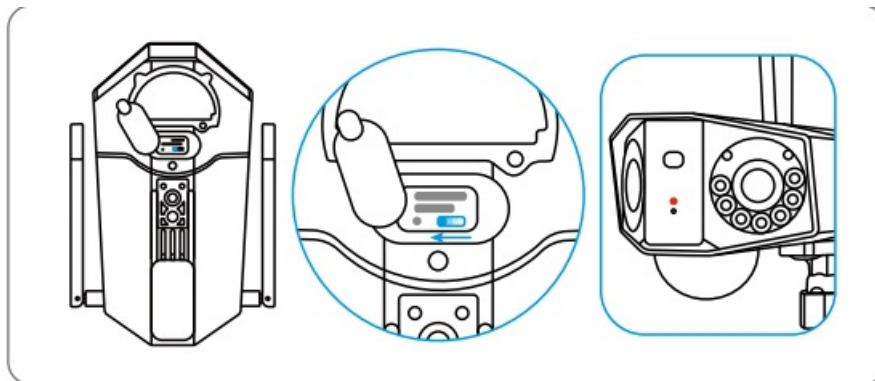
Remove the cover with the screwdriver and then open the rubber cover.



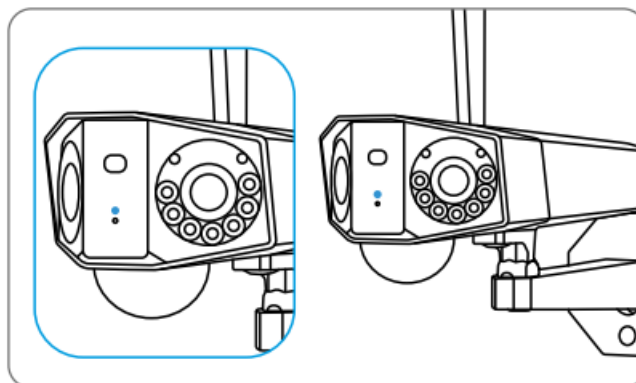
- Insert a SIM-eject tool into the hole beside the SIM tray and push it in to pop open the tray.
- Place the SIM card into the tray, then insert the tray into the camera completely

Register the SIM Card

- With the SIM card inserted, you can turn on the camera.
- Wait a few seconds and a red light will be on and solid for a couple of seconds.
- Then, it will go out




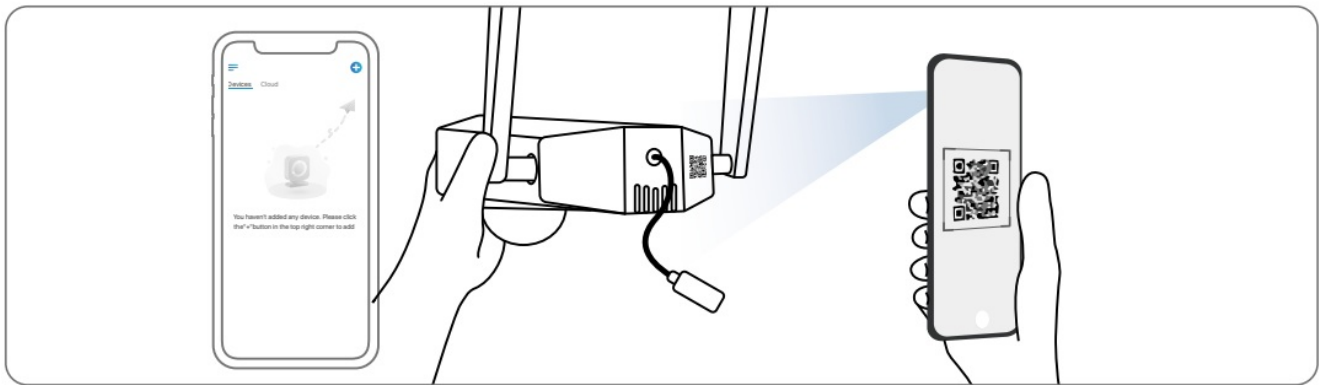
- A blue LED will flash for a few seconds and then go solid before going out.
- You will hear a voice prompt “Network connection succeeded”, which means the camera has been successfully connected to the network.




Set up the Camera on the Phone



1. **Step 1** Scan to download the Reolink App from the App Store or Google Play store.
2. **Step 2** Launch the Reolink App, click the “” button in the top right corner to add the camera.
Scan the QR code on the device and follow the onscreen instructions to finish initial setup.



Set up the Camera on PC (Optional)

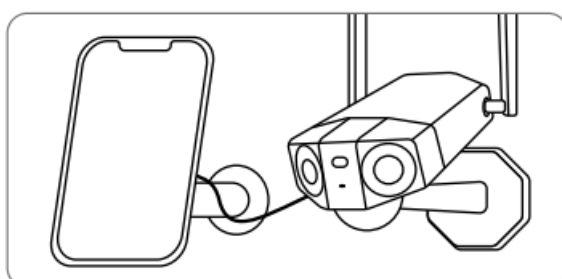
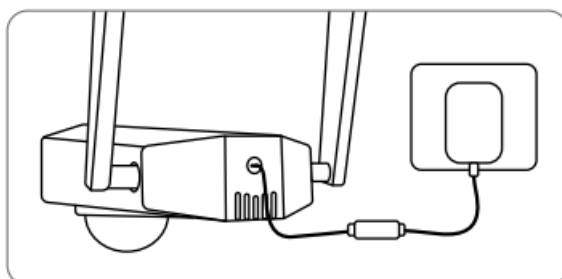
1. **Step 1** Download and install the Reolink Client: Go to <https://reolink.com/Support/App&Client>.
2. **Step 2** Launch the Reolink Client, click the “” button, input the UID code of the camera to add it and follow the onscreen instructions to finish initial setup.

NOTE: You may also run into the following situations

| | Voice Prompt | Camera Status | Solutions |
|---|--|---|--|
| 1 | "SIM card cannot be recognized" | Camera cannot recognize this SIM card. | <ol style="list-style-type: none"> 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" | Your SIM card has a PIN. | 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. | <ol style="list-style-type: none"> 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. | <ol style="list-style-type: none"> 1. Please check whether the data plan for the SIM card is still available. 2. Import the correct APN settings to the camera. |

Charge the Camera

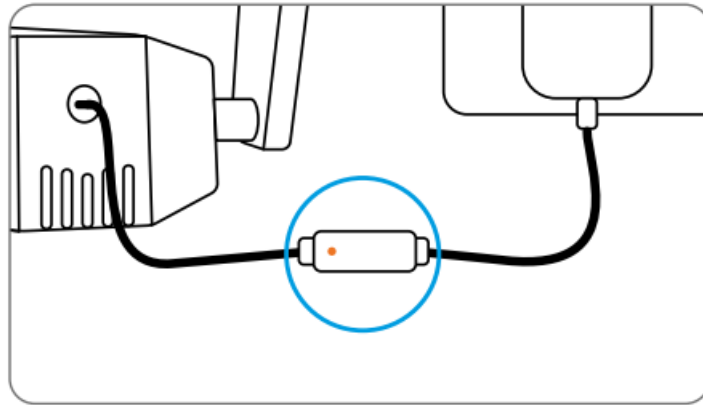
It's recommended to fully charge the battery before mounting the camera outdoors.



- Charge the battery with a power adapter. (not included)
- Charge the battery with the Reolink Solar Panel (not included if you only purchase the camera).

Charging Indicator

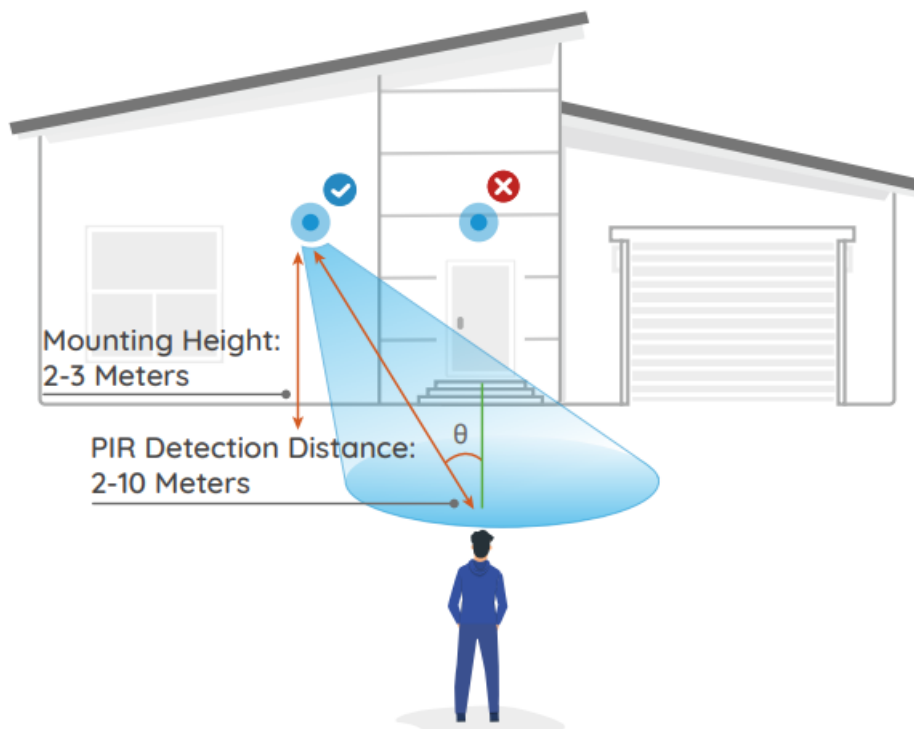
- **Orange LED:** charging
- **Green LED:** Fully charged



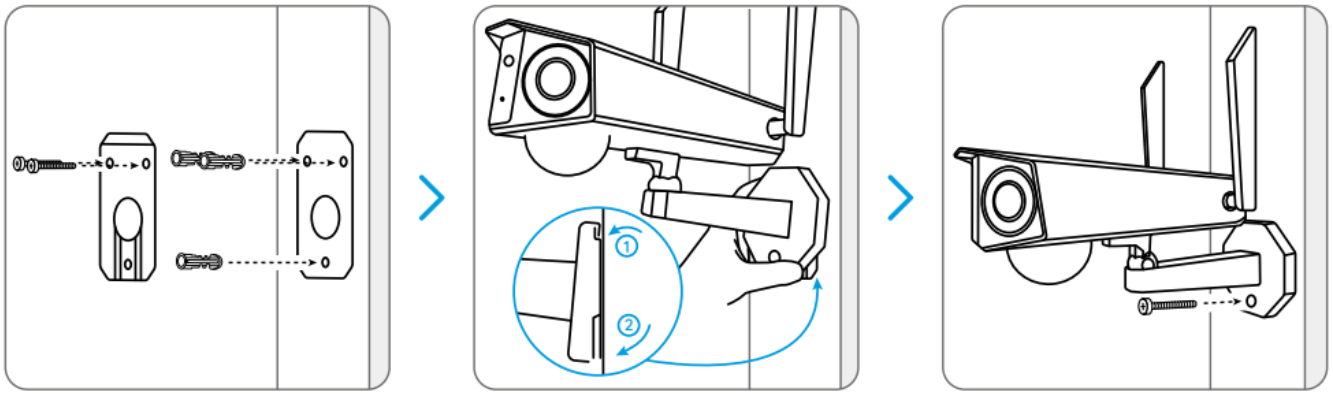
Install the Camera

- Install the camera 2-3 meters (7-10 ft) above the ground. This height maximizes the detection range of the PIR motion sensor.
- For better motion detection performance, please install the camera angularly.

NOTE: If a moving object approaches the PIR sensor vertically, the camera may fail to detect motion



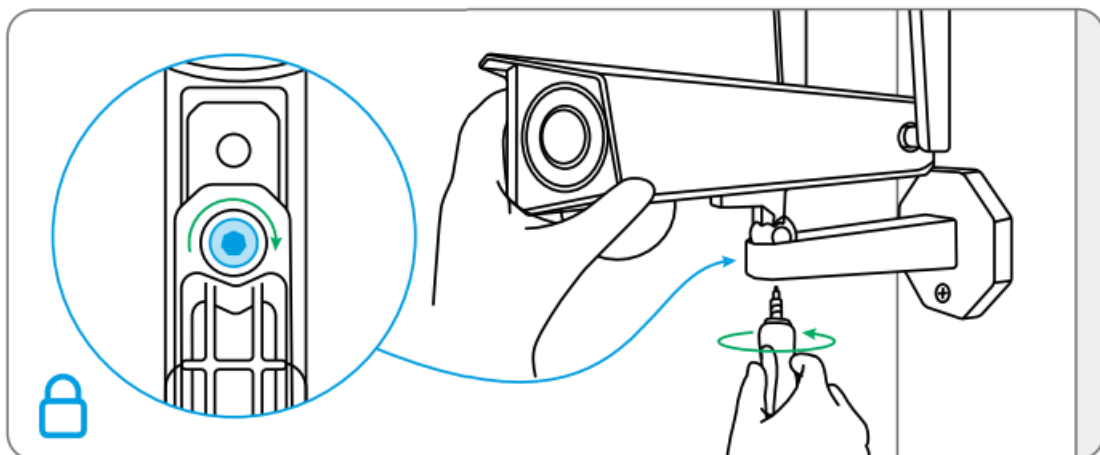
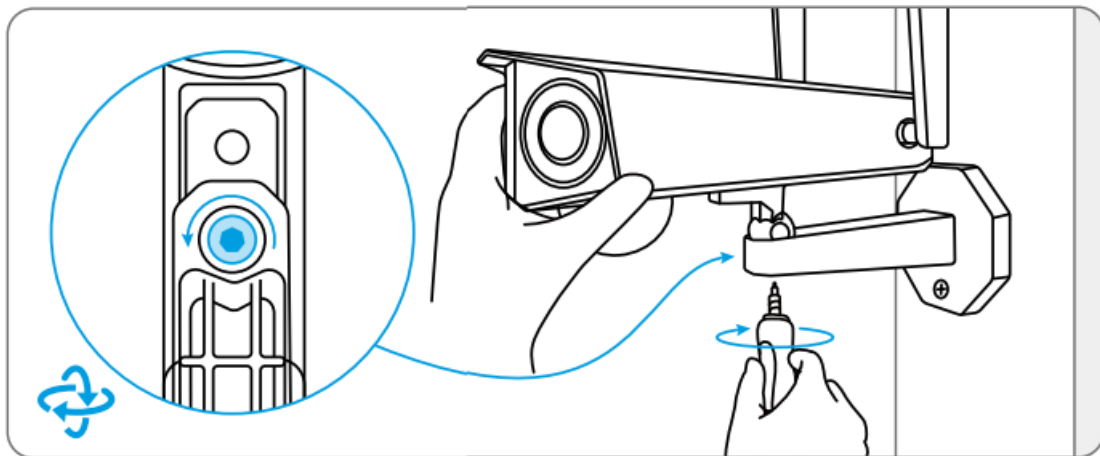
Mount the Camera to the Wall



Drill holes in accordance with the mounting template. Secure the mounting plate to the wall with the upper two screws and hang the camera on it. Then lock the camera in position with the lower screw.

NOTE: Use the drywall anchors included in the package if needed

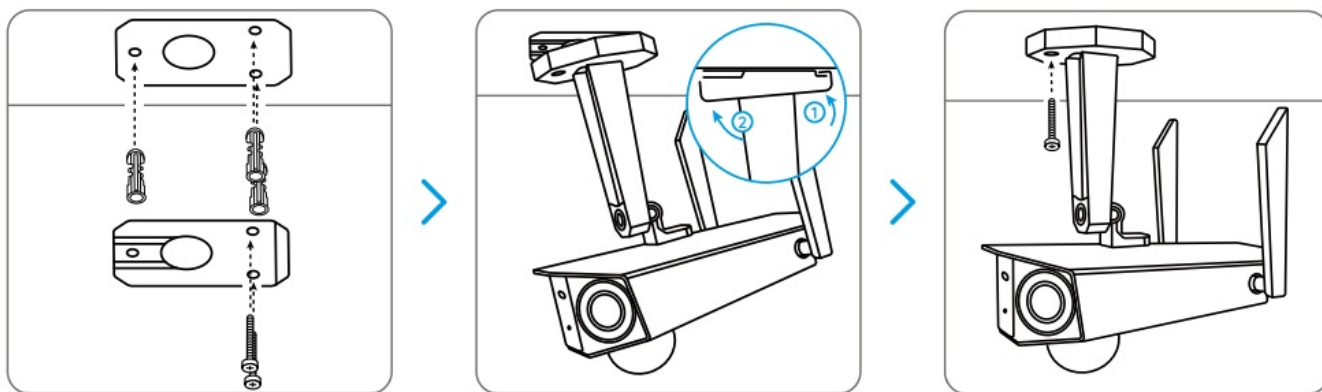
- To get the best field of view, loosen the adjustment screw on security mount and turn the camera



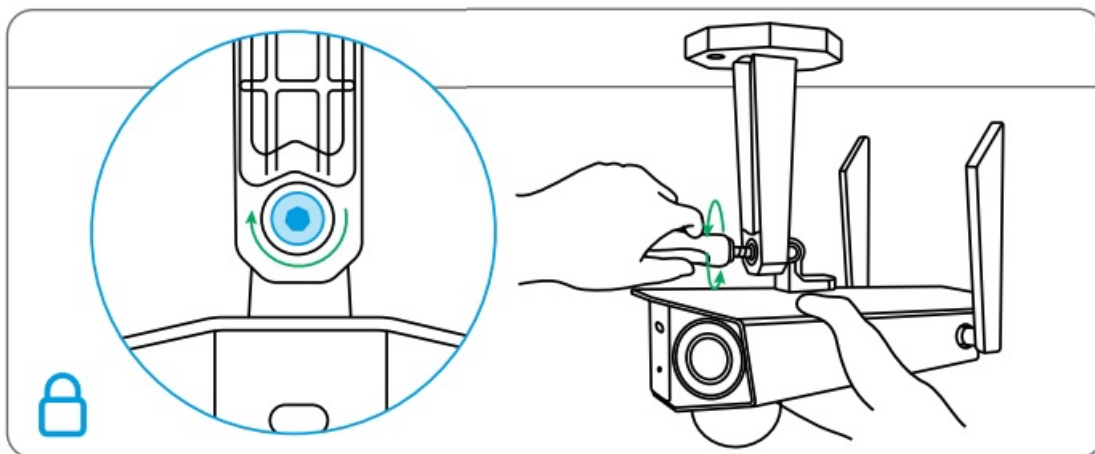
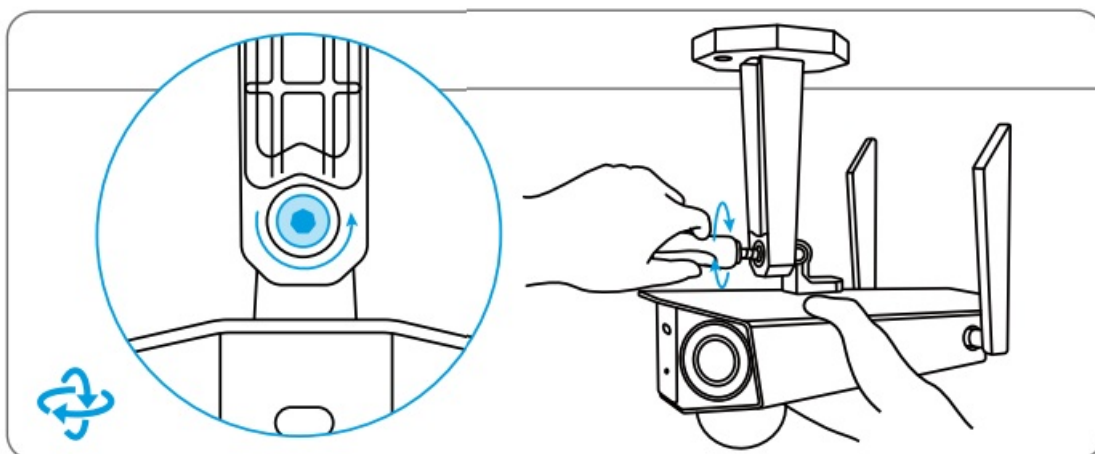
- Stiffen the adjustment screw to lock the camera.

Mount the Camera to Ceiling

NOTE: The camera can't be adjusted horizontally when ceiling mounted. Please adjust the camera angle before fixing it.



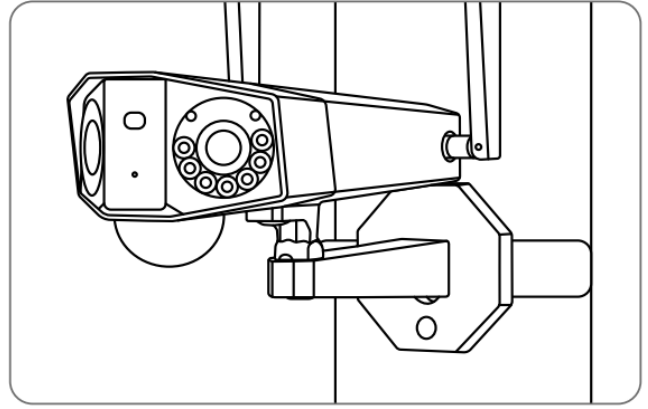
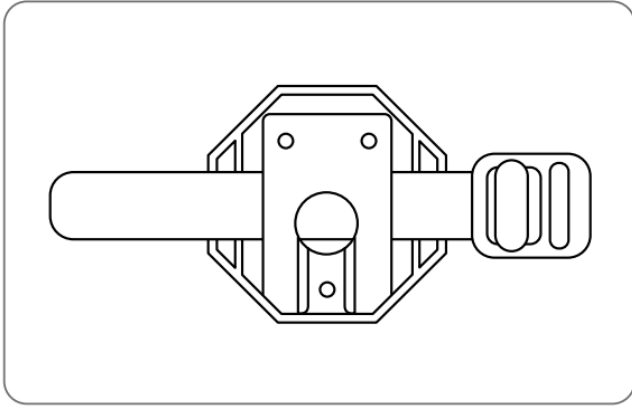
- Drill holes in accordance with the mounting template. Secure the mounting plate to the wall with the upper two screws and hang the camera on it. Then lock the camera in position with the lower screw.



- To get the best field of view, loosen the adjustment screw on security mount and turn the camera. Stiffen the adjustment screw to lock the camera.

Install the Camera with Loop Strap

Thread the loop strap through the slots and fasten the strap. It is the most recommended installation method if you plan to mount the camera to a tree.



Safety Instructions of Battery Usage

The camera is not designed for running 24/7 at full capacity or around-the-clock live streaming. It's designed to record motion events and to live view remotely only when you need it. Learn useful tips on how to extend the battery life in this post <https://support.reolink.com/hc/en-us/articles/360006991893>

1. The battery is built-in, so do not remove it from the camera.
2. Charge the rechargeable battery with a standard and high-quality DC 5V/9V battery charger or Reolink solar panel. Do not charge the battery with solar panels from any other brands.
3. Charge the battery when temperatures are between 0°C and 45°C and always use the battery when temperatures are between -20°C and 60°C.
4. Do not charge, use or store the battery near any ignition sources, such as fire or heaters.
5. Do not use the battery if it gives off an odor, generates heat, becomes discolored or deformed, or appears abnormal in any ways. If the battery is being used or charged, turn off the power switch or remove the charger immediately, and stop using it.
6. Always follow the local waste and recycle laws when you get rid of the used battery.

Troubleshooting

Camera is not Powering on

If your camera is not turning on, please apply the following solutions

- Make sure you've turned the power button on.
- Charge the battery with a DC 5V/2A power adapter. When the green light is on, the battery is fully charged.

If these won't work, please contact Reolink Support <https://support.reolink.com>

PIR Sensor Fails to Trigger

Alarm

If the PIR sensor fails to trigger any kind of alarm within the covered area, try the following solutions

- Make sure that the PIR sensor or the camera is installed in the right direction.
- Make sure the PIR sensor is enabled or the schedule is set up properly and running.
- Check the sensitivity settings and make sure it's set up properly.
- Make sure the battery is working.

- Reset the camera and try again.

If these won't work, please contact Reolink Support <https://support.reolink.com>

Unable to Receive Push

Notifications

If you fail to receive any push notifications when motion is detected, try the following solutions

- Make sure the push notification has been enabled.
- Make sure the PIR schedule is set up properly.
- Check the network connection on your phone and try again.
- Make sure the camera is connected to the Internet. If the LED indicator under the camera daylight sensor is solid red or flickering red, it means that your device disconnects from the Internet.
- Make sure you've enabled Allow Notifications on your phone. Go to the System Settings on your phone and allow Reolink App to send push notifications.

If these won't work, please contact Reolink Support <https://support.reolink.com>

Specifications

PIR Detection & Alerts

- **PIR Detection Distance**
Adjustable/up to 10m (33ft)
- **PIR Detecting Angle:** 150° horizontal
- **Audio Alert**
Customized voice-recordable alerts
- **Other Alerts**
Instant email alerts and push notifications

General

- **Operating Temperature:** -10°C to 55°C (14°F to 131°F)
- **Size:** 81x103x195mm
- **Weight (Battery included):** 720g (17.1 oz)

Notification of Compliance

FCC Compliance Statement

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- **NOTE:** 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 RF warning statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



Simplified EU Declaration of Conformity

Reolink declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.



Correct Disposal of This Product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environment safe recycling.

Limited Warranty

This product comes with a 2-year limited warranty that is valid only if purchased from Reolink Official Store or a Reolink authorized reseller. Learn more: <https://reolink.com/warranty-and-return/>.

NOTE: We hope that you enjoy the new purchase. But if you are not satisfied with the product and plan to return, we strongly suggest that you reset the camera to factory default settings and take out the inserted SD card before returning.

Terms and Privacy

- Use of the product is subject to your agreement to the Terms of Service and Privacy Policy at reolink.com.
- Keep out of reach of children.

End User License Agreement

- By using the Product Software that is embedded on the Reolink product, you agree to the terms of this End User License Agreement (“EULA”) between you and
- Reolink. Learn more: <https://reolink.com/eula/>.


ISED Radiation Exposure Statement

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Technical Support

If you need any technical help, please visit our official support site and contact our support team before returning the products, <https://support.reolink.com>.

Documents / Resources

| | |
|--|--|
|  | reolink QSG1 Reolink Duo 2 LTE [pdf] User Guide QSG1 Reolink Duo 2 LTE, QSG1, Reolink Duo 2 LTE, Duo 2 LTE, LTE |
|--|--|

References

- [🔗 Reolink Official: Security Cameras and Systems for Home & Business](#)
- [🔗 Reolink Official: Security Cameras and Systems for Home & Business](#)
- [🔗 Warranty & Return – Reolink](#)
- [🔗 Reolink Support - Official Reolink Help Center](#)
- [🔗 Reolink Support - Official Reolink Help Center](#)
- [User Manual](#)