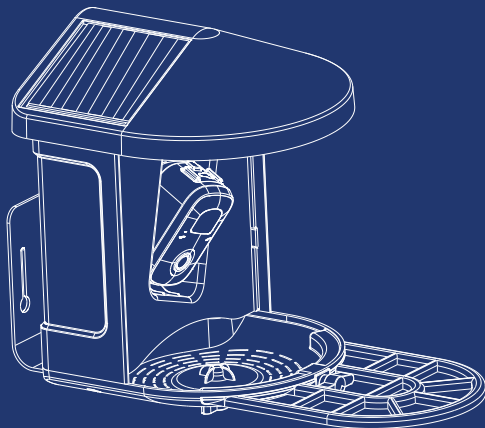




# Smart Bird Feeder AI Camera

USER MANUAL

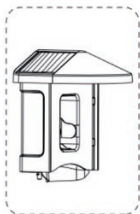




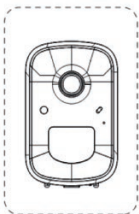
# Content

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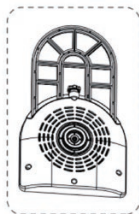
# Package Includes



Feeder



Bird Camera



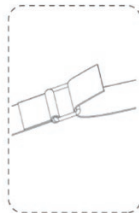
Material Tray



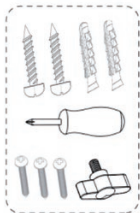
Antenna



Bird Feeder Bracket



Fixed Strap



Fittings Bag 01



(Optional)

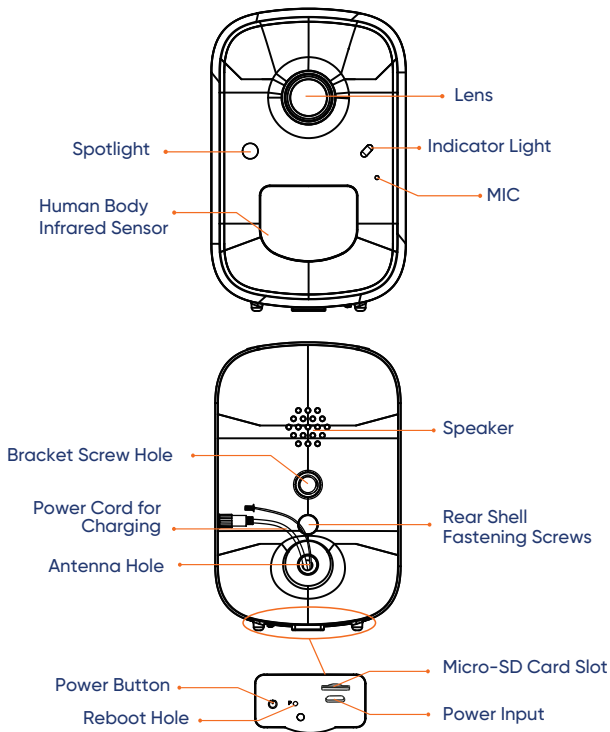
Solar Panel



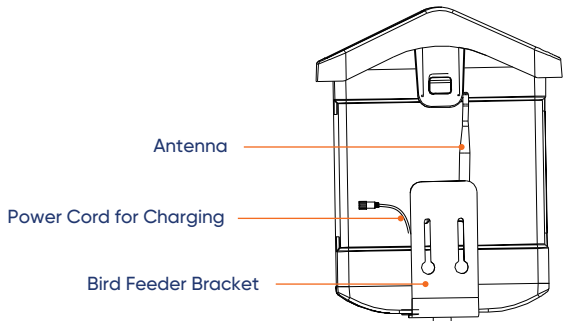
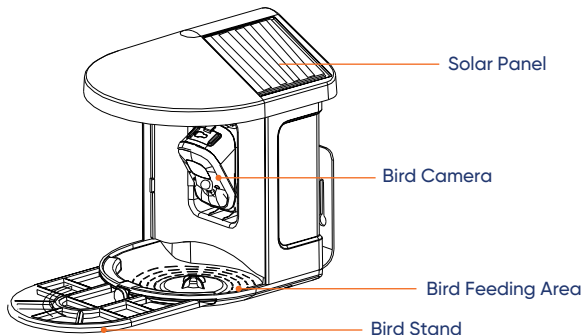
(Optional)

Fitting Bag 02

# Product Appearance



# Bird Feeder Parts Name



# Quick Start

The wireless smart battery camera supports battery-powered supply and AC-powered supply.

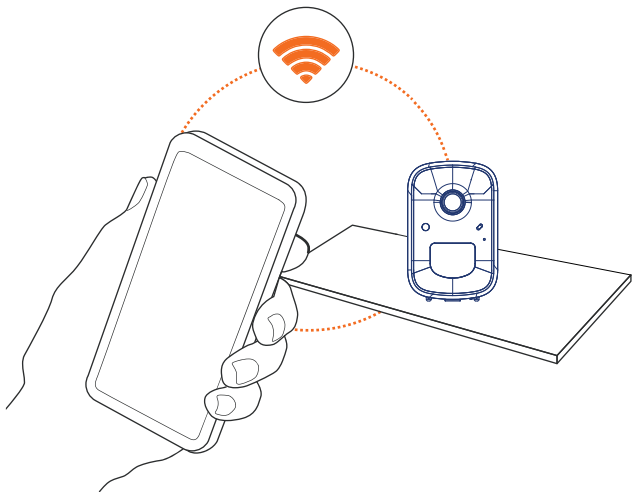
## 01. Download and install the App

The wireless smart battery camera supports Android and iOS App. For your best experience, please scan the QR code below with your mobile phone, install the app, and follow the instruction to complete the user registration.



## 02. Add the Device

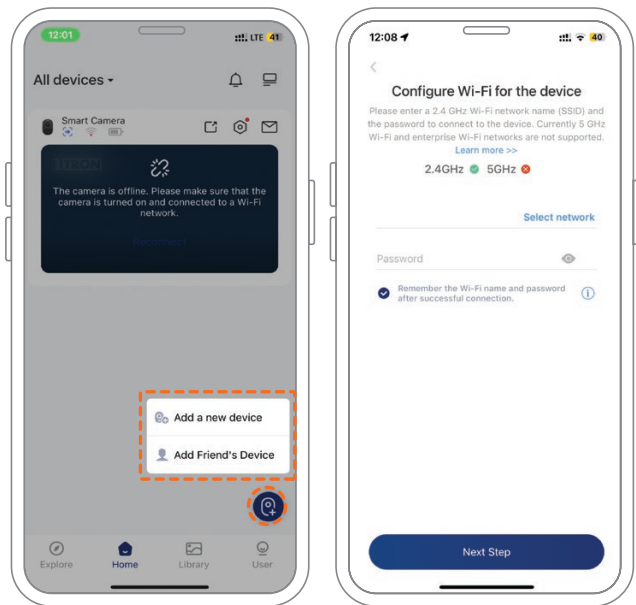
Sign in to the App, connect to Wi-Fi and add the device according to the prompts (please bring the device close to the router when configuring).

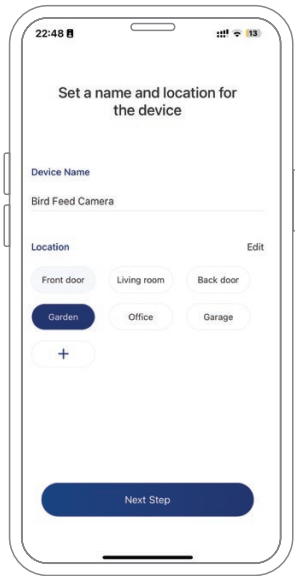




# Set-up the Camera

Click the "Add Camera Now" in the App and enter the Wi-Fi network name and password that you want the camera to connect.



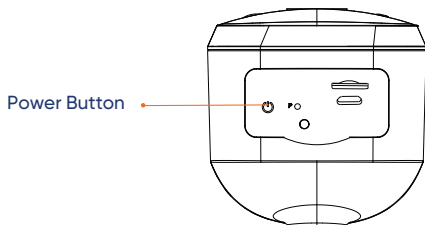


Please ensure that the entered Wi-Fi meets the requirements. After completion, click "Continue" to generate the QR code for pairing the camera.

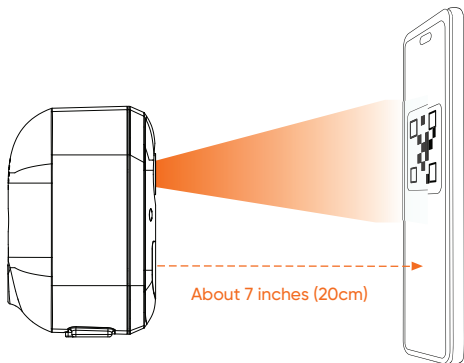
To ensure a longer distance connection, the camera only supports the 2.4Ghz Wi-Fi with stronger wall penetration capability and does not support Wi-Fi for enterprise-level authentication currently.



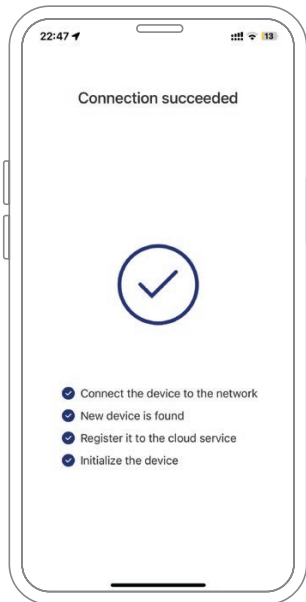
After pressing the camera switch for 3 seconds, the camera will turn on. The camera will emit the scanning sound "Ding Dong Ding Dong" after it is turned on (if you do not hear it, please double click the power button).



Take the lens of the camera facing the QR code generated on iTronCAM about 20 cm (7 inches) until you hear a "Ding" sound.



After a while, the camera will give out a prompt sound of a successful connection. At this moment, please set the name for the device on the App and select the location you want to place the device. Click "Continue" to complete the pairing.



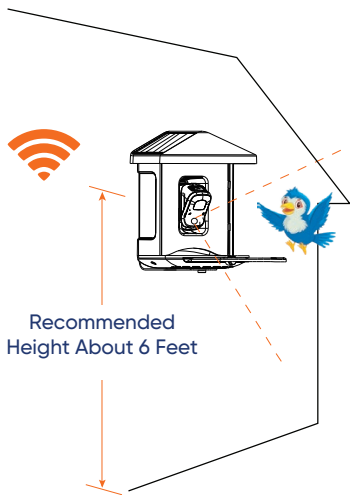
- ! Possible problems with binding:
- When you hear the "**Wi-Fi Password Error**", please check whether the Wi-Fi password you entered in the App is correct;
  - When you hear the "**Authentication error**", please ensure that your Wi-Fi network is not an enterprise-level network, and the device supports only the network with the security level below WPA-2;
  - When you hear the "**Wi-Fi not found**", please check whether you select or enter the correct Wi-Fi name, and place the device near the Wi-Fi router and ensure that the router is powered on. Please note that 5Ghz Wi-Fi cannot be searched by the device;
  - When you hear the "**Retrieving IP timeout**", it indicates that the number of devices connected to the router in your home is too many to connect more devices. Please remove some of the connected devices that are not commonly used or restart the router to clear the unconnected devices. You may need to contact the router administrator;
  - When you hear the "**Cloud service connection fail**", please check whether your router is connected properly to the external network. When you hear this error prompt, it is common on the condition of network disconnection or that the selected router in your home is a local area network server. Please ensure that the network connection is normal, and try to temporarily turn off the firewall to connect again.

# Install Bird Feeder

You can install the bird feeder on the wall for use, or you can install it on a tree for use.

## 01) Select a good spot for your bird feeder:

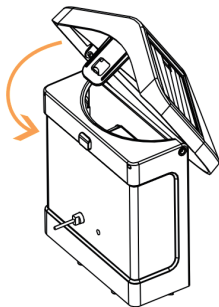
Please choose a suitable place for your bird feeding device. It is best to be an active place with birds, but you need to ensure the coverage of the Wi-Fi network. Adjust the angle of the camera to cover as much of the bird-watching stand as possible.



## 02) Install the host

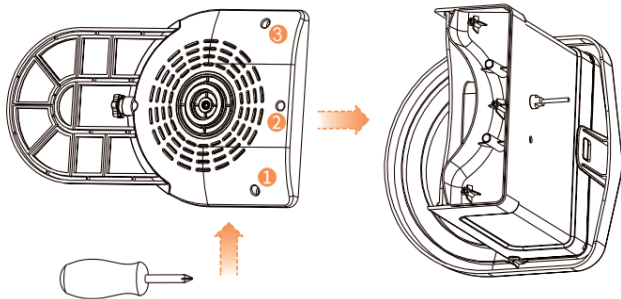
### A) Assemble the upper cover:

Turn the upper cover down so that it fastens onto the middle shell.



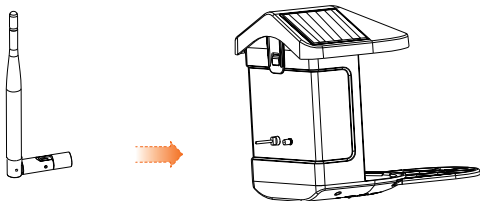
### B) Install the tray:

Clamp the material tray to the bottom of the main body of the equipment, put in 3 screws and tighten it with a cross screwdriver.



### C) Install an external antenna

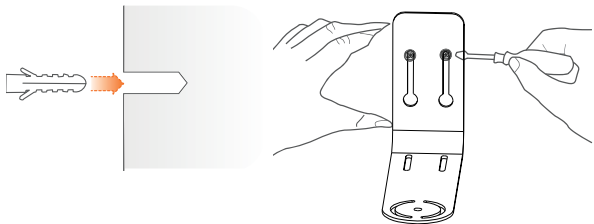
Position the external antenna at the back antenna hole of the bird feeder and tighten the rotating antenna.



## 03) Install the bracket

### A) Screw fixing:

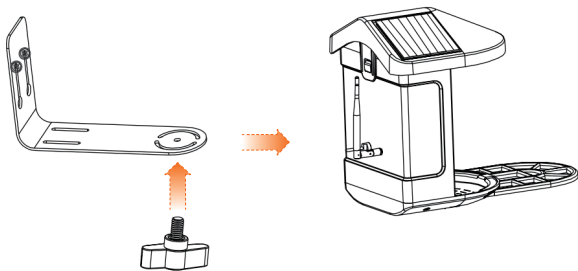
Use a drill tool to drill holes in the wall according to the spacing of the brackets. It is recommended to mark the holes on the wall with a pencil before drilling. Screw the expansion nut into the holes on the wall, and then connect the bracket to the expansion nut with screws to complete the fixing.





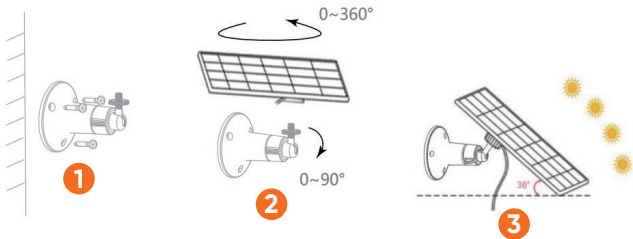
## B) Installation of bracket and Bird Feeder:

Tighten the hand screw with the screw hole at the bottom of the bird feeder through the iron bracket.



## 04) Install solar panels

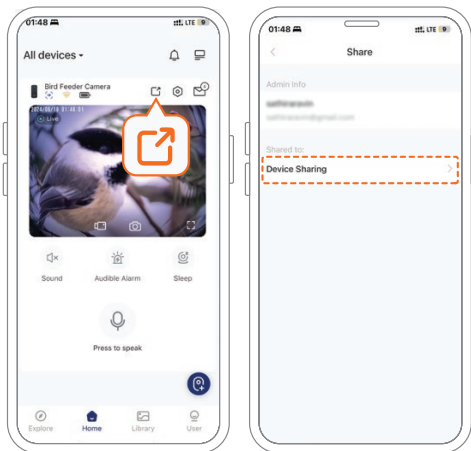
01. Fix the bracket on the wall.
02. Install the solar panel on the bracket and lock it with a nut.
03. Adjust the angle of the solar panel so that it can receive the most sunlight.



# Share the Camera

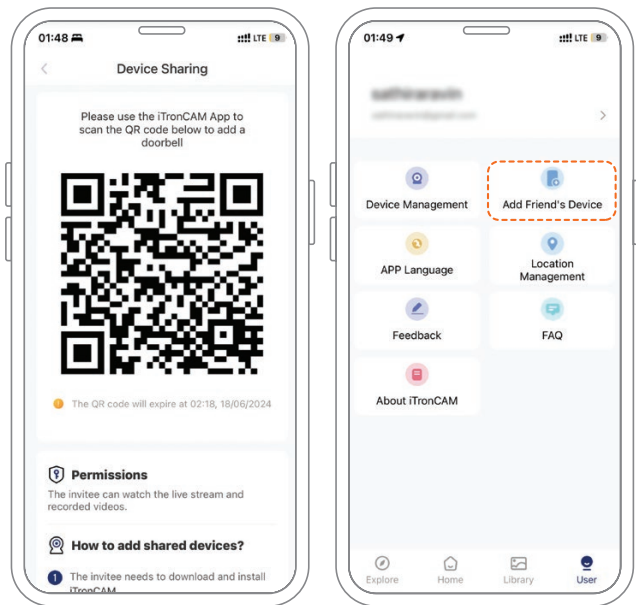
When you need to view the camera with other family members or friends, you can use this function. Only the administrator whose account is bound with the camera for the first time can share and set the device. Other members can only view the live or playbacks of the device.

01) Find the camera you want to share on the App homepage or camera setting page. Click the share button and enter the sharing page.

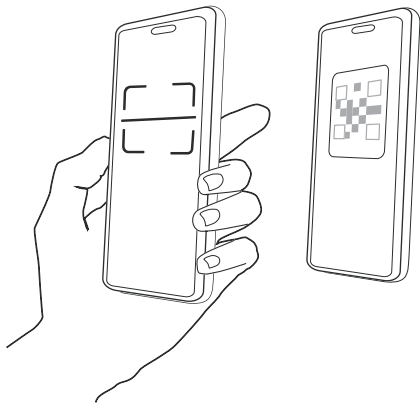


02) Click "Invite", and a QR code will be generated for sharing.

03) For the members you need to share, find "Add Friend's Camera" on the "User" page to enter the scanning page.



04) Scan the QR code generated on your mobile phone, and you will receive the confirmation notification after success. The sharing will be completed after you agree.



## Charge the Camera

The App will remind you to charge your camera when the battery is low. Please use the Type-C cable to plug into the 5V/1.5A charging adapter to charge the camera. During charging, the camera's indicator light is solid yellow, and when the camera is fully charged, the indicator light will turn into solid green. It will take 14 hours to fully charge the camera.

# Indicator Light Status

Mode	Status
Working Mode	Blue
Sleep Mode	OFF
Charging Mode	Yellow
Fully Charged Mode	Green

# Product Specification

Mode	Specification
Camera Lens	Field of View (H145°; V85°; D185°)
Image Resolution	Max. 1920x1080 Pixels
Video Bit Rate	Adaptive
Storage Media	Cloud Storage, Micro SD Card
Battery Capacity	5000 mAh
Adapter Requirement	DV 5V+-5% / 1.5A
Size	220mm x 220mm x 275mm

# Firmware Update

When you connect your camera through the App, it will prompt you if the latest firmware is available. You can also manually check the firmware version in the settings of the App.

- ❗ Please make sure that your camera is fully charged or connected to the power adapter before upgrading the firmware, please do not cut off the power supply during the upgrading.

## FCC Warning

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.

Any 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.

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator your body:  
Use only the supplied antenna.

# FAQ

## **Q1: Camera permission management: How to invite family and friends to use my camera together?**

A: Open the App and select your camera on the home page. Click the share button on the home page or the "Share" in the camera settings to enter the sharing page, and then click "Invite" to generate a QR code. Your friends can now get some of the access rights by scanning the QR code in your phone.

## **Q2: Why doesn't the Wi-Fi name appear when I connect to Wi-Fi?**

A: On Apple devices with iOS13 and above, you need to turn on the "location permission" for the app in the system settings and change it to "allow when using."

## **Q3 :Will the camera show red lights when night vision is activated?**

A: The built-in infrared lamp beads make the camera only show some dim red lights when night vision is activated, but the image quality is still clear under no light environment.

## **Q4:What are the requirements for Wi-Fi?**

A: Please use a 2.4GHz wireless network. The device does not support the 5GHz wireless network. Meanwhile, please set the Wi-Fi authentication method to WPA2-PSK or other lower level of security method. A password is required.



#### **Q5:How far should the camera be placed from the router?**

A: After testing, the Wi-Fi connection distance can normally reach up to 220 meters in the open area. However, the actual situation depends on the strength of Wi-Fi and its surrounding environment (thick walls, electromagnetic devices, large metal objects will all cause interference to the Wi-Fi signals). If the camera connection signal is weak or unstable, please place the camera as close to the router as possible.

#### **Q6:What is the maximum length of recording time?**

A: If you set the duration as "Auto", when someone occurs in the view of the camera, it will start recording a video for up to 3 minutes.

#### **Q7:How to quickly view videos by category?**

A: Click the icon in the upper left corner of the "Library" page to start filtering videos by category. Select the category you want to see and then click "Save" to view the video playback.

#### **Q8:What should I do when the device is in malfunction?**

A: Long press the power button for 3 seconds to restart it. If there is no response, you can remove the rubber plug at the button of the camera. Press the reboot hole with a pointed object to restart the camera.





