



# Smart AI Recognition Bird Feeder

## Product manual

# FREQUENTLY ASKED QUESTIONS

## Q: Should I must register before use the App?

A: Yes, both Phone number and E-mail address are workable for register. For Apple phone, the Apple ID can login in directly. The account only used to identify the code. We ensure to protect your private data.

## Q: How to install the App?

A: 1. Please scan the QR code on the color box or instruction manual to download the App.  
2. For Android system, please go to Google Play and input "Bird Lover" to search the App then download. For IOS system, please go to App Store and input "Bird Lover Feeder" to search the App then download.

## Q: The workable phone operation system for this App.

A: iOS $\geq$ V10.0 version, Android $\geq$ V5.0 version.

## Q: How to connect the camera with the App?

A: Please push the reset button and hold for 5 seconds. To make sure the red light flash rapidly. Then open the App and add the device under the App guiding step by step.

## Q: Does the camera support 5G WiFi signal?

A: No, at present, only 2.4Ghz WiFi signal is workable.

## Q: How many account can connect this Smart Bird Feeder?

A: Only one account can connect the Smart Bird Feeder. If the device have been occupied by other account, but you don't know whom, please contact your directly seller to help you deal with it.

### Q: How to share the device with others?

A: Important: Every one who wants to be shared or use this Smart Bird Feeder, the one should install this "Bird Lover" App. And you have below methods to share the device:

1. Share the device by add other's App account name.
2. Add others account to your family group.
3. Give your account name and code for others to login in.

### Q: What's the language of the App?

A: The App language is sync to your phone system language. So you don't worry about you will don't understand the App language. Only the AI recognition result is English and Chinese dual languages.

### Q: Why the camera battery is drain so fast?

A: It is low power consumption camera. Plus the solar panel power incharge, it can maintains the daily energy consume in sunny day. If the battery drain too fast you should check:

1. If you check the camera with App too often?
2. If the camera always wake up due to too many birds visiting?
3. If the WiFi performance is good or not? Once the camera lost WiFi or WiFi is too weak, the camera will scouring the WiFi signal again and again, till the power used up.

### Q: Why the "Playback" is not available?

A: 1. Please confirm you have input the TF card or purchased the I cloud storage.

2. Please make sure if you have allowed the "Recording Settings."

### Q:How to turn on or turn off the message notify?

- A: 1. Enter the main page find “Me” on the left bottom, then click icon “🔔” to turn on&off “Enable Notifications”. You also can setting a schedule for “Do-Not Disturb Schedule” at the same interface.
2. Turning on&off the “Motion Detection” at the GUI interface.
3. Turning on&off the “Detection Alarm Settings” on the Setting interface.

### Q: Why the Identified result is wrong?

A:The result accuracy depends on the angle and clarity of the bird pictures. To ensure get a correct result please ensure the picture is clear enough. The identify features (bird’s head, tail wings or pattern on feathers are not covered by obstacles. The bird should occupies the main position of the picture.

Try to capture the best moment to recognize the bird if the previous recognition accuracy rate is too low.

If there are two or more bird species in one picture the identified result will be the one on the main position.



Schematic: The best angle for identification

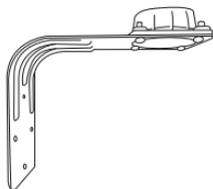
# CONTENT

|                                       |       |
|---------------------------------------|-------|
| What's In The Box.....                | 1     |
| Bird Feeder Structure.....            | 2     |
| Smart AI Recognition Bird Feeder..... | 3     |
| Camera Structure.....                 | 4-5   |
| Status LED.....                       | 6     |
| Read Before Installation.....         | 7     |
| Assemble Bird Feeder.....             | 8-14  |
| How To Connect To WIFI Network.....   | 15    |
| WIFI Mode Configuration (Common)..... | 16-17 |
| APP Interface Introduction.....       | 18    |

# WHAT'S IN THE BOX



Bird feeder



Bird feeder bracket



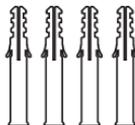
Bird Stand



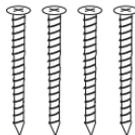
Bracket  
connector



Long screw\*3



Anchors \*4



Screws for wall \*4



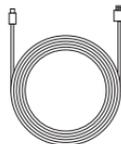
Pin



Waterproof  
rubber

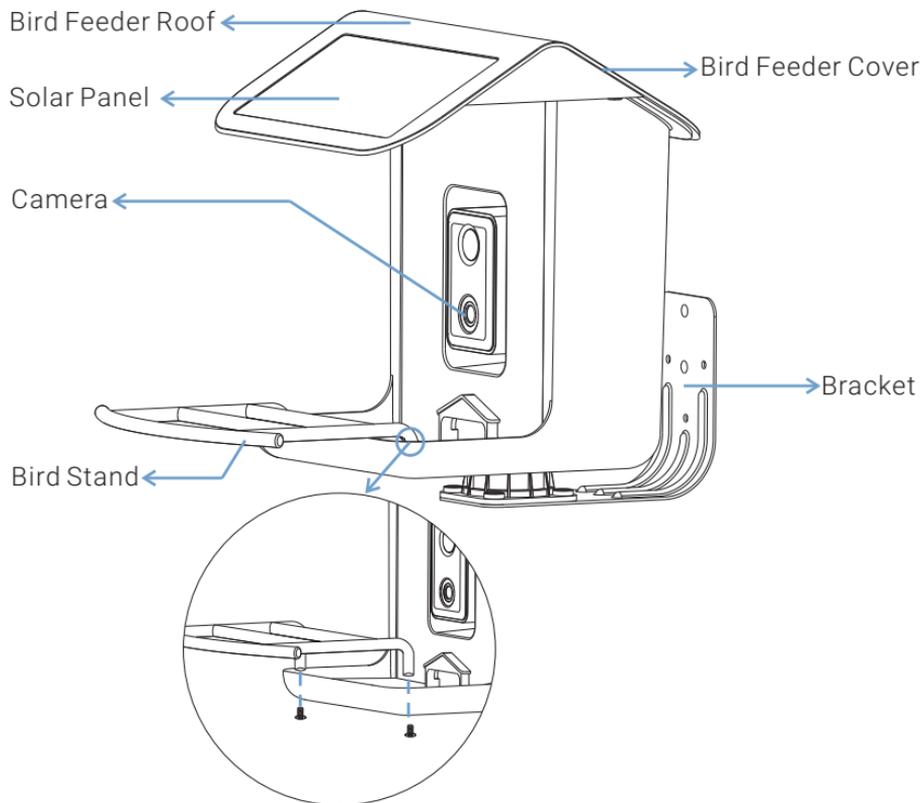


Short screw\*2



Micro-USB  
Charging cable

# BIRD FEEDER STRUCTURE



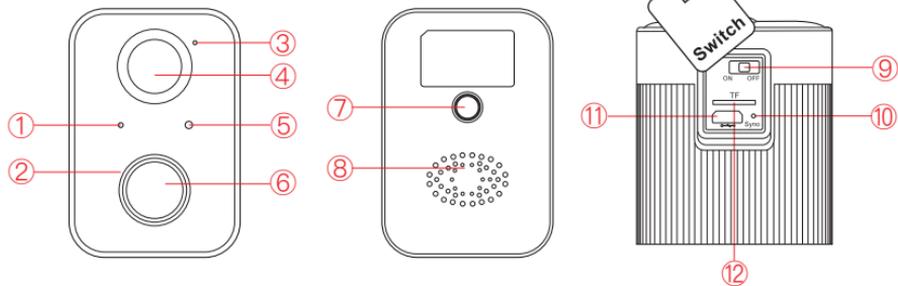
# BIRD FEEDER SPECIFICATION

|                                |   |
|--------------------------------|---|
| Product model                  | BF002   |
| Detection                      | Dual-Action Motion and Accelerometer                |
| Charging solar enery           | Included USB cable                                  |
| Power                          | 5200 mAh Rechargeable Lithium Ion Battery           |
| Color                          | Blue or other color customized                      |
| Camera                         | 2 megapixel Photos and 1080P HD Live Stream Video   |
| Built-in microphone waterproof | Yes   |
| Operating Temperature          | -5°F to 120°F (-20.5°C to 48.5°C)                   |
| Weather Resistant              | Yes   |
| Connectivity                   | 802.11b/g/n WiFi connection @2.4 GHz plus Bluetooth |
| Field of View                  | 130 Degrees   |
| Dimension(Height*Width*Depth)  | 11 in *8.7 in *9.5 in ( 28 cm * 22 cm* 24 cm)       |

## **SOLAR PANEL SPECIFICATION**

|                             |          |
|-----------------------------|----------|
| IPCE                        | 19%      |
| Working voltage(Vmp)        | 6V±5%    |
| Working current(Imp)        | 400mA±5% |
| Open Circuit Voltage(VOC)   | 7.2V±5%  |
| Short-circuit current (ISC) | 480mA±5% |

# CAMERA STRUCTURE



① Status LED

② Infrared LED

③ Microphone

④ Motion sensor

⑤ Light sensor

⑥ Lens

⑦ Mounting hole

⑧ Speaker

⑨ Power ON/OFF

⑩ Sync/Reset

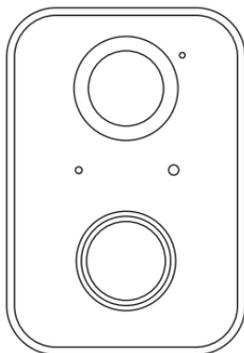
⑪ Charging port

⑫ TF card slot

# CAMERA SPECIFICATION

|                       |                                  |
|-----------------------|----------------------------------|
| Power supply          | DC 5V2A                          |
| Power Consumption     | 2W Watts (Max.)                  |
| Standby current       | <500uA                           |
| Battery life          | 4-6 months                       |
| Battery capacity      | 5200mAh                          |
| Pixel                 | 2 megapixel 1080P                |
| Viewing angle         | 130 °                            |
| Night visual range    | 8m(Max)                          |
| Wireless connection   | 2.4 GHz Wi-Fi IEEE 802.11 b/g/n; |
| Anti-flicker          | 50HZ 60HZ                        |
| Operating temperature | -20.5°C ~ 48.5°C                 |
| Operating humidity    | 10% ~ 95% non-condensing         |

# STATUS LED



1. Boot up: Red light always ON.
2. Waiting for network setting: Red light fast blinking.
3. Network connecting :Green light fast blinking.
4. Network connected:Green light always ON.
5. Abnormal status : Red light slow blinking.
6. During firmware upgrade:Yellow light always ON.
7. Charging status:White light always ON during charging /Turn OFF after fully charged.

# READ BEFORE INSTALLATION

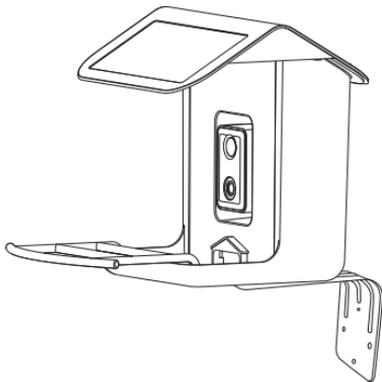
1. Keep the bird feeder and all accessories out of reach of children and pets.
2. Make sure the camera has been fully charge .(DC 5V/2A)
3. Working temperature : -5°F to 120°F(-20.5°C to 48.5°C)
4. Working relative humidity: 10%~95%
5. Please do not expose the camera lens to direct sunlight .
6. The camera has an IP65 waterproof rating, which support working properly under rains or snows. But it can not be soaked in water.

## NOTE

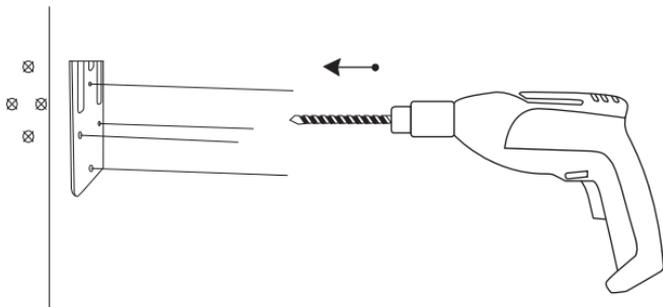
1. The bird feeder can only works with 2.4GHz WI-FI.
2. Strong lights may interfere with the device's ability to scan QR code.
3. Avoid placing the device behind furniture or near microwaves products.
4. Try to keep the bird feeder within range of your WI-FI signal.

# INSTALL BIRD FEEDER

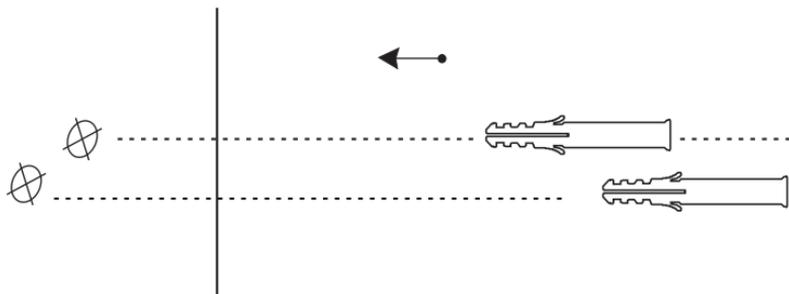
The first installation effect.



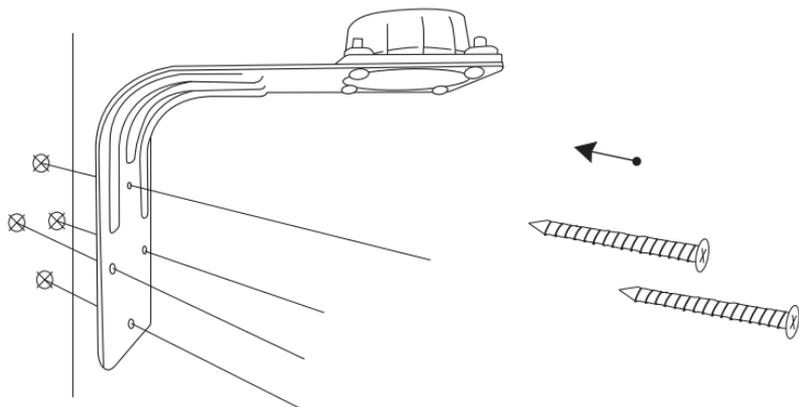
1. Use the provided drilling template to mark the position of holes on your wall. Use drill bit to drill 4 holes.



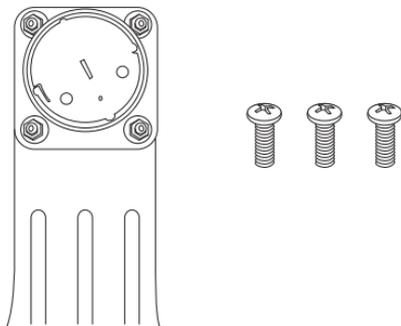
2. Install 4 Anchors.



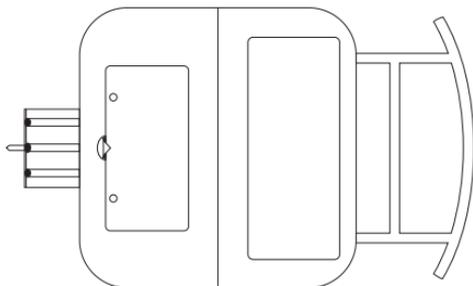
3. Install the screws to fix the bracket.



4. As shown in the picture, put the Bracket connector into the bottom of the bracket, and find 3 long screws to install it, and the bird feeder is fixed.

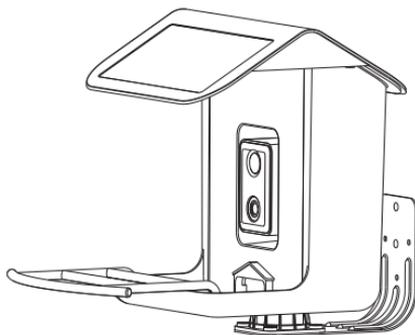


5. After opening the lid and adding the bird food. As shown in the picture, fastening the 2 Short screws can prevent it from being opened by squirrels.

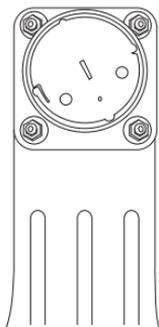


# INSTALL BIRD FEEDER

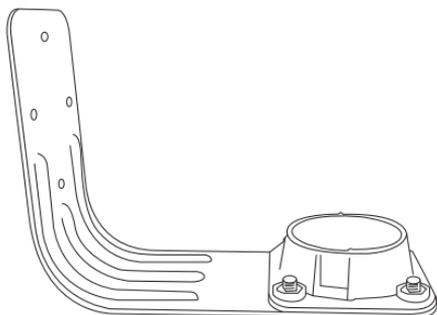
The second installation effect.



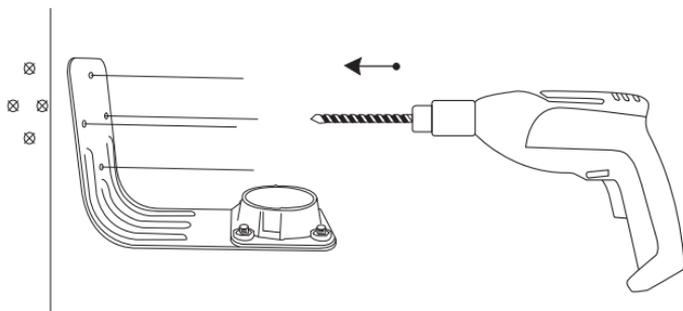
1. Need to unscrew 4 sets of screws from the Bird feeder wall mount and put them aside.



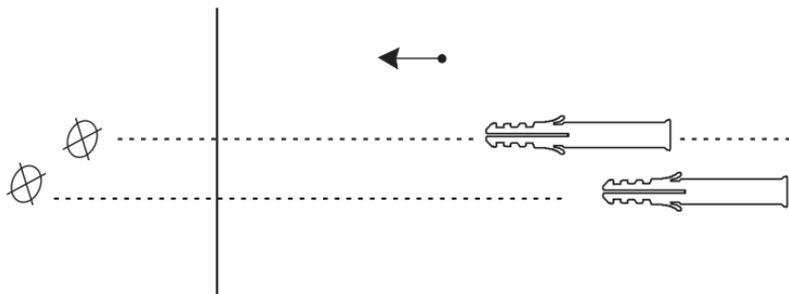
2. Put plastic accessories on the back, Re-tighten the four sets of screws.



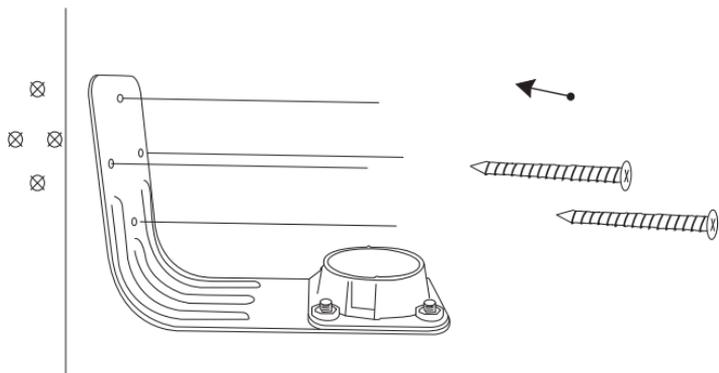
3. Use the provided drilling template to mark the position of holes on your wall. Use drill bit to drill 4 holes.



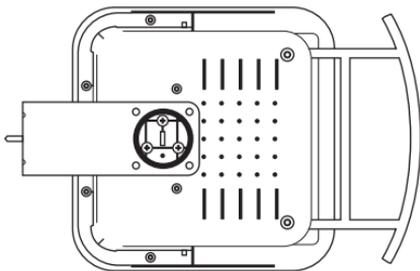
4. Install 4 Anchors.



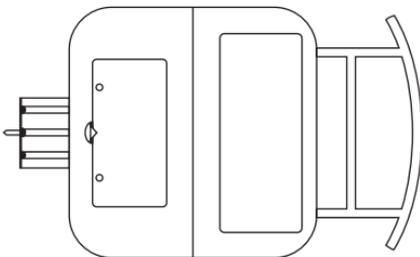
5. Install the screws to fix the bracket.



6. As shown in the picture, put the Bracket connector into the bottom of the bracket, and find 3 long screws to install it, and the bird feeder is fixed.



7. After opening the lid and adding the bird food. As shown in the picture, fastening the 2 container lid Short screws can prevent it from being opened by squirrels.



# HOW TO CONNECT TO WIFI NETWORK

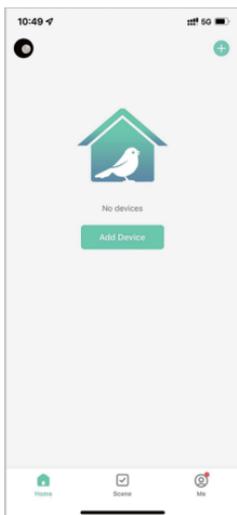


Download or scan the QR code and install the Bird Lover App for either IOS or Android. Once downloaded, the APP will ask you to register your device. Enter your phone number or email which one makes you feel comfortable and select the country you live in. You will receive a text with a registration code. Input the registration code, then create a password.

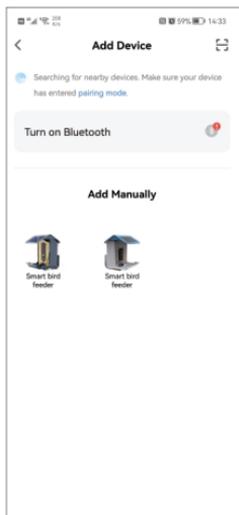
# WIFI MODE CONFIGURATION (COMMON)

1. Enter the add device interface, click the "Add Device" or "+" to add new device. (refer to picture ①)

2. Selecting any one "Smart Bird Feeder" icon of below image to add the device. Turn on the device first, make sure the red indicator is flashing quickly, and then please follow the instruction steps in the APP to add the device. (refer to picture ②)

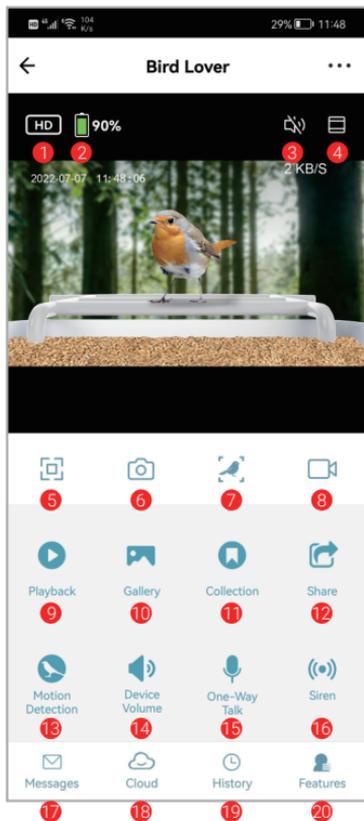


①



②

# APP INTERFACE INTRODUCTION



- 1.Sharpness adjustment : you can choose HD or SD
- 2.Remaining battery
- 3.Voice switch
- 4.Zoom in on the screen
- 5.Screen horizontal and vertical adjustment
- 6.Take photo
- 7.Bird recognition
- 8.Video function
- 9.Playback of previous clips
- 10.View saved photos or videos
- 11.Check out the bird collection
- 12.Share
- 13.Motion detection(Click to turn on/off)
14. Device Volume
- 15.One-Way Talk
16. Siren
- 17.Notification
- 18.Cloud storage service
- 19.History of bird identification
- 20.Personal setting