

# Product manual

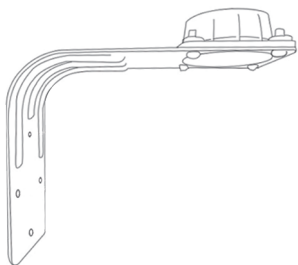
Smart AI Recognition Bird Feeder



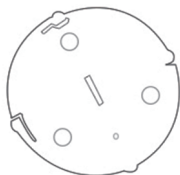
# CATALOG

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# What's In The Box



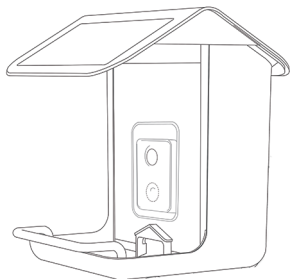
Bird feeder bracket



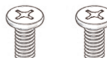
Bracket connector



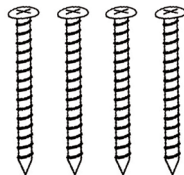
Long screw\*3



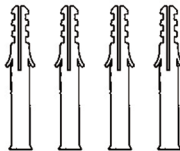
Bird feeder



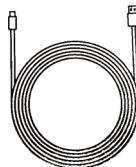
Short screw\*2



Screws for wall \*4

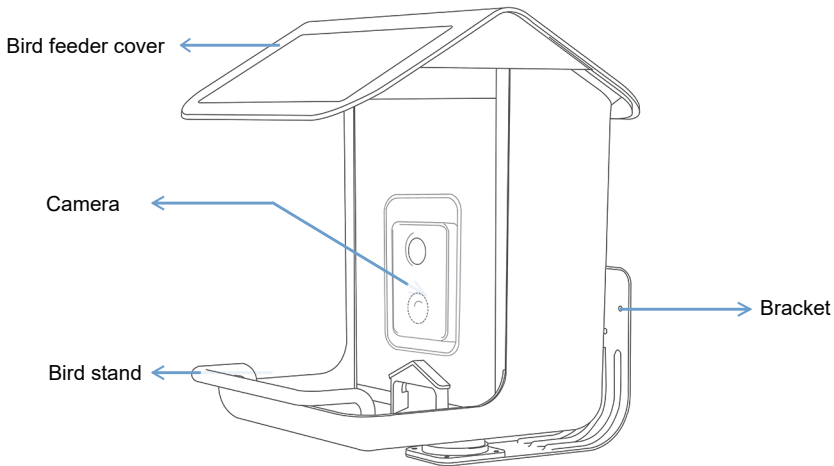


Anchors \*4



Micro-USB  
Charging cable

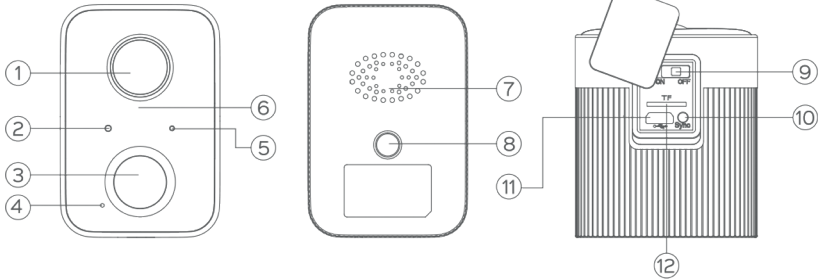
# BIRD FEEDER STRUCTURE



# 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	120 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. Lens

2. Light sensor

3. Motion sensor

4. Microphone

5. Status LED

6. Infrared LED

7. Speaker

8. Mounting hole

9. Power ON/OFF

10. Sync/Reset

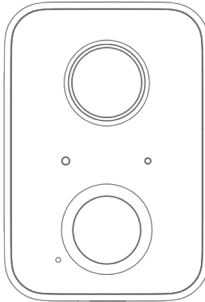
11. Charging port

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

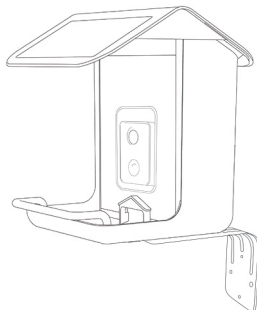
- 1.Keep the bird feeder and all accessories out of reach of children and pets.
- 2.Make sure the camera has been fully charge .(DC 5V/2A)
- 3.Working temperature :-5°F to 120°F (-20.5°C to 48.5°C)
- 4.Working relative humidity: 10%~95%
- 5.Please do not expose the camera lens to direct sunlight .
- 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

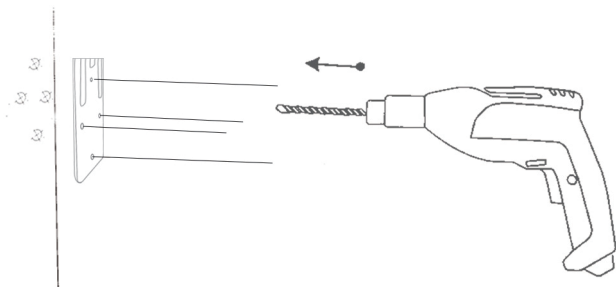
- 1.The bird feeder can only works with 2.4GHz WI-FI.
- 2.Strong lights may interfere with the device`s ability to scan QR code.
- 3.Avoid placing the device behind furniture or near microwaves products.
- 4.Try to keep the bird feeder within range of your WI-FI signal.

# ASSEMBLE BIRD FEEDER

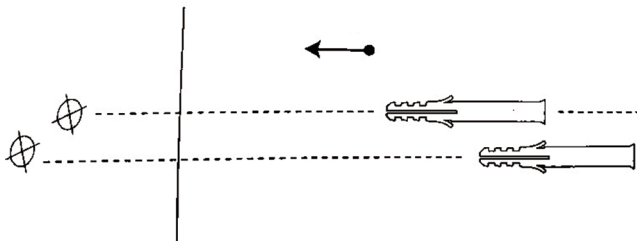
The first installation effect



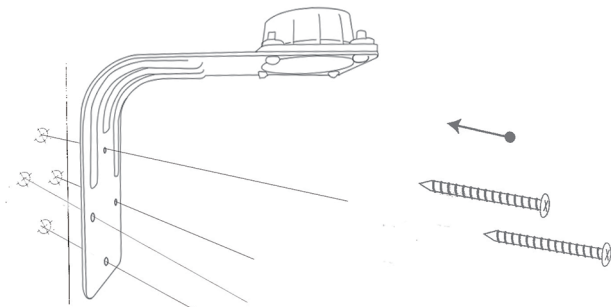
1. Use the provided drilling template to mark the position of holes on your wall. Use drill bit to drill 4 holes.



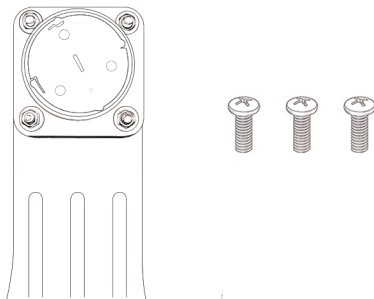
## 2. Install 4 Anchors



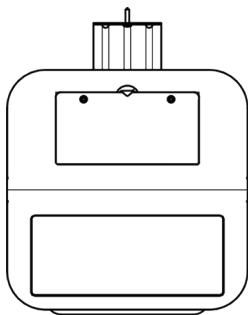
## 3. Install the screws to fix the bracket



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.

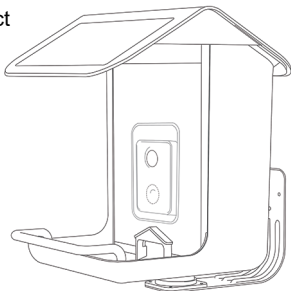


5.After opening the lid and adding the bird food. As shown in the picture, fastening the 2 Short screws can prevent it from being opened by squirrels.

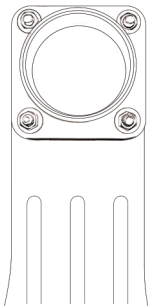


# ASSEMBLE BIRD FEEDER

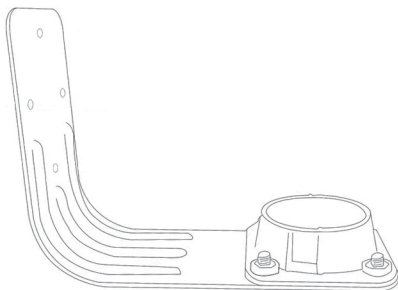
The second installation effect



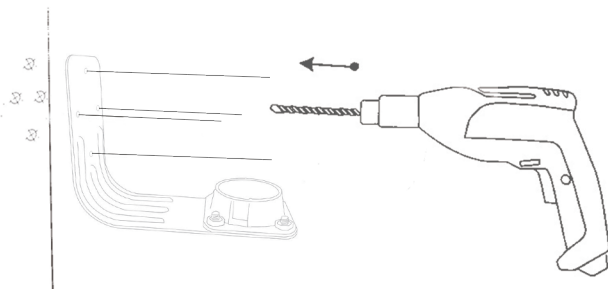
1. Need to unscrew 4 sets of screws from the Bird feeder wall mount and put them aside



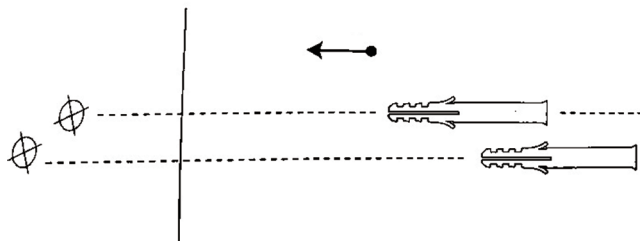
2. Put plastic accessories on the back, Re-tighten the four sets of screws



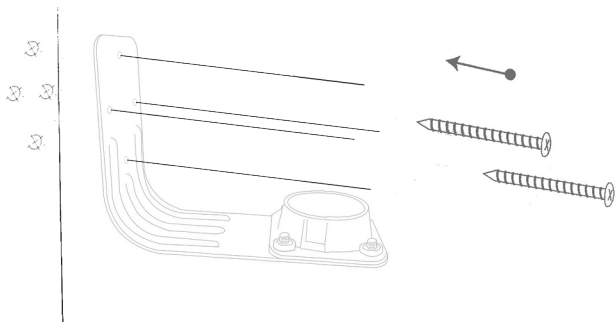
3. Use the provided drilling template to mark the position of holes on your wall. Use drill bit to drill 4 holes.



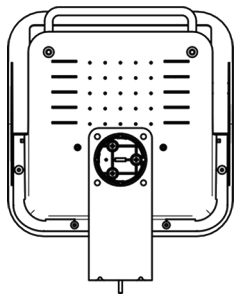
#### 4. Install 4 Anchors



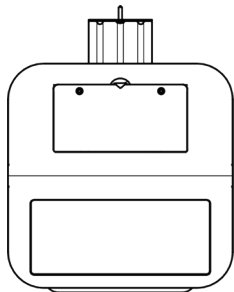
#### 5. Install the screws to fix the bracket



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.



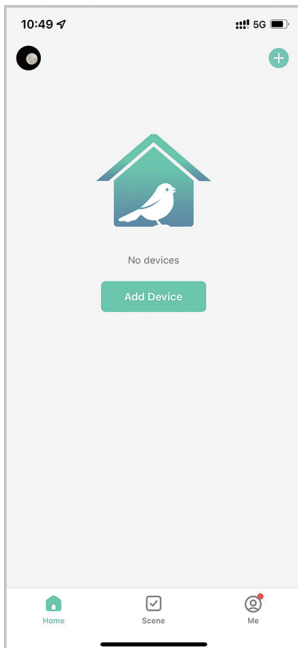
# HOW TO CONNECT TO WIFI NETWORK



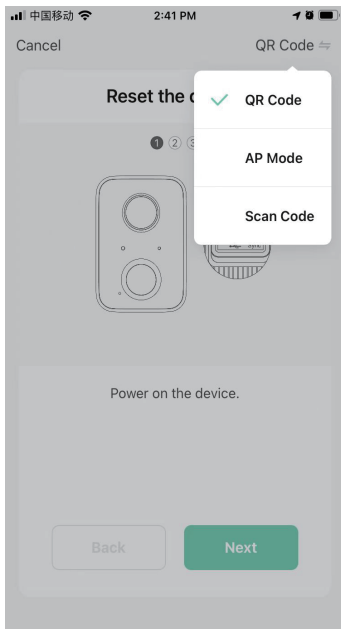
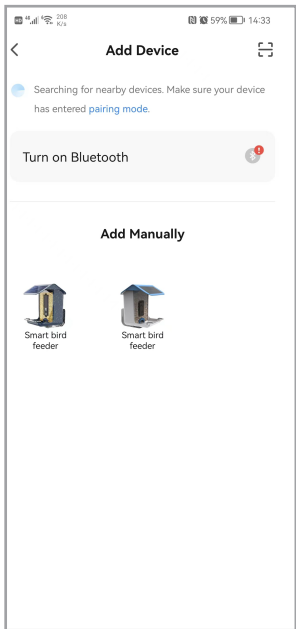
Download or scan the QR code and install the Bird Lover App for either IOS or Android. Once downloaded, the APP will ask you to register your device. Enter your phone number or email which one makes you feel comfortable and select the country you live in. You will receive a text with a registration code.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

# WIFI MODE CONFIGURATION (COMMON)

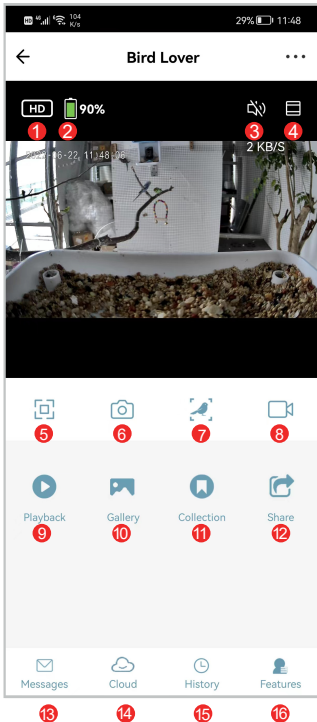
1. Enter the add device interface, click the “Add Device” or “+” to add new device.



2. Open device first, make sure the red indicator is flashing quickly, and then please follow the instructions in the APP for the next steps. By default, we can scan the QR code by the camera to add device. If it's inconvenient to scan, you can click "≡" to select AP mode, then follow the instructions in the APP to add device.



# APP INTERFACE INTRODUCTION



1. Sharpness adjustment: you can choose HD or SD
2. Remaining battery
3. Volume adjustment
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. Notification
14. Cloud storage service
15. History of bird identification
16. Personal setting

# FREQUENTLY ASKED QUESTIONS

1.Does it need Wi-Fi to operate?Does it have local storage?

Yes, it does require a Wi-Fi connection. It uses Wi-Fi connection to send the stream to your mobile device. If you insert a TF card or buy icloud service in the APP, it have local storage, and you can take pictures or videos from playback videos.

2.Can more than one person connect to one feeder?

Only one person can directly connect to one feeder, but you can share the device to your friend and family if they had an account, the personal data will be different.

3.Will the APP only be in English? Or will other languages be available?

The App is translated into all major word languages, but the identification result will be only in English or Chinese.

4.How long does the battery last? How is it charged?

It depends on the working time of the camera, the battery can last 3 months when keep standby without charging. If you connect the charging cable to the solar panel for continuous charge during daylight, you can constantly have the stream running for years. If the weather isn't good for a long time, you can take off the camera and charge it indoors.

5.Can the feeder be voice controlled?

Yes, the APP have the third-party voice services, including Amazon Alexa, Google Assistant. If you have these two speakers, you can control the feeder camera by voice control.

6.Why there is no record video in playback even if I insert a TF card and bought Icloud storage service?

Please set the recording settings after you insert the TF card or bought Icloud service, and then the camera will automatically record the video when motion was detected.

7.Why the identified result is wrong?

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 head, tail, wings or pattern on feathers) is not covered by obstacles, the bird occupies the main position of the picture. If there are two or more bird species in one picture, the identified result will be the one on the main position.

