

*本页校对专用，不做印刷

型号	品名	料号
BF37	智能摄像头	/

版本更新记录：

日期	内容
2024.10.21	说明书
2026.05.27	修改型号名、末尾页增加警示语

日期：2026.05.27

印刷说明：

- 1.单页尺寸：125*125mm
- 2.105g双铜+4C印刷+表面连线光油





Smart AI Bird Camera

Product manual

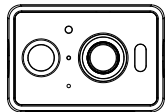
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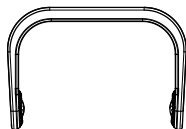
WARM TIPS

1. Keep the camera and all accessories out of reach of children and pets.
2. Please do not expose the camera lens to sunlight directly .
3. Please do not soak the camera in water.
4. Please use 2.4 GHz WI-FI to connect the application.
5. Please stay away from the strong light when pairing.
6. Please keep the camera within the range of WI-FI signal.
7. Please install Solar Panel in an area with consistent sunlight throughout the year. It only needs a few hours of direct sunlight each day to keep your camera powered.
8. The energy produced by solar panels is affected by weather conditions, seasonal variations, geographic location, and other factors.
9. The locking grounding plug ring is sharp, so please use caution when installing to prevent cuts.

WHAT'S IN THE BOX



Smart Camera



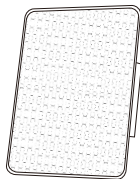
Camera Bracket



Locking Ground
Plug Rings



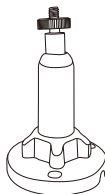
Bracket
Screws*3



External
Solar Panel



Charging cable



External Solar
panel bracket



Waterproof
rubber



External Solar Panel
Screw Washer * 4



External Solar Panel
Bracket Screws * 4

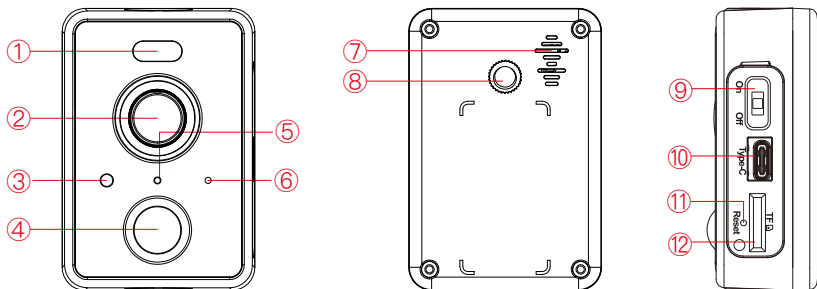


Reset Pin

SPECIFICATIONS FOR BIRD FEEDER

Product Model	BF37
Camera Resolution	3Megapixels, 2K HD Video
Field of View	160°
Night Visual Range	8M(Max)
Network Connection	2.4 GHz WiFi
Motion Detection	Passive Infrared Radiation
wo-way Audio	Microphone and Speaker
Battery	5000mAh Rechargeable and Removable Lithium Ion Battery
Battery Life	4-6 Years
Charging	3W Solar Power and TYPE-C Cable
Power Supply	DC5V 2A
Power Consumption	2W(Max)
Main Materia	PC
Waterproof Rating	IP65
Micro SD Card Replay	Support Micro SD Cards of 8-128GB
Working Temperature	-20°C to 45°C
Working Relative Humidity	0-95%
Camera Net Weight	60g
Camera Dimensions	68.0*46.5*24.7mm
Certifications	FCC, CE, ROHS, REACH, IP65

INTRODUCTION FOR CAMERA



① Lights

⑤ Indicator Light

⑨ Power On/Off

② Camera

⑥ Microphone

⑩ Power Port

③ Light Sensor

⑦ Speaker

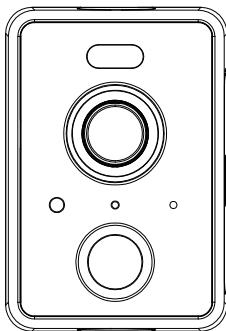
⑪ Reset

④ PIR

⑧ Coupling Nut

⑫ TF Card Slot (Capacity
max to 128G)

INDICATOR LIGHT



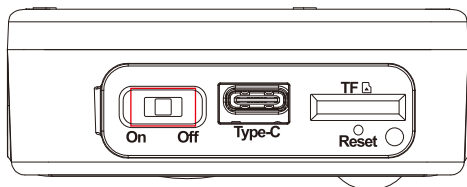
- 1.Camera turn on: Red light always ON.
- 2.Pairing mode: Red light fast blinking.
- 3.Network connecting: Green light fast blinking.
- 4.Network connected: Green light always ON.
- 5.Abnormal status : Red light slow blinking.(Need to reset)
- 6.During firmware update: Yellow light always ON.
- 7.Charging status: White light always ON during charging and OFF after fully charged.

HOW TO CONNECT TO THE APP

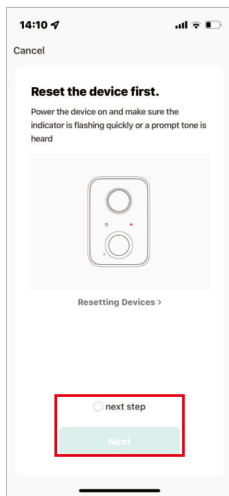
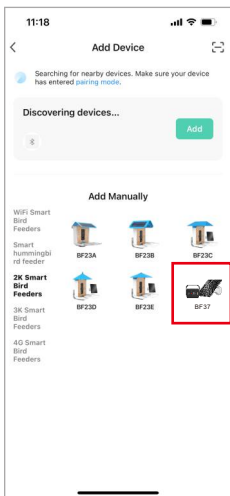
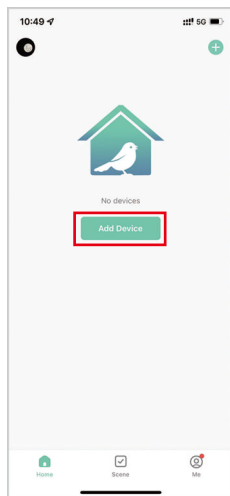


Download or scan the QR code and install the Bird Lover App for either IOS or Android. Once downloaded, the APP will prompt you to register your device. Enter your phone number or email address which one makes you feel comfortable and select the country you live in. You will receive the registration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

1. Turn on the switch. (Note: The camera should power on.)



2. Entering the APP and connect the device with the following steps.



3. Enter the WIFI password.

11:19

Cancel

Select 2.4 GHz Wi-Fi Network and enter password.

If your Wi-Fi is 5GHz, please set it to be 2.4GHz.
[Common router setting method](#)

✗ Wi-Fi - 5Ghz

✓ Wi-Fi - 2.4Ghz

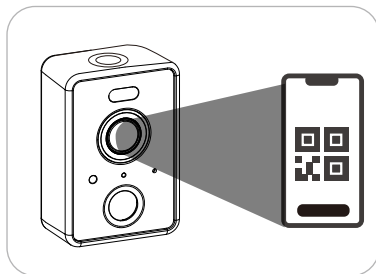
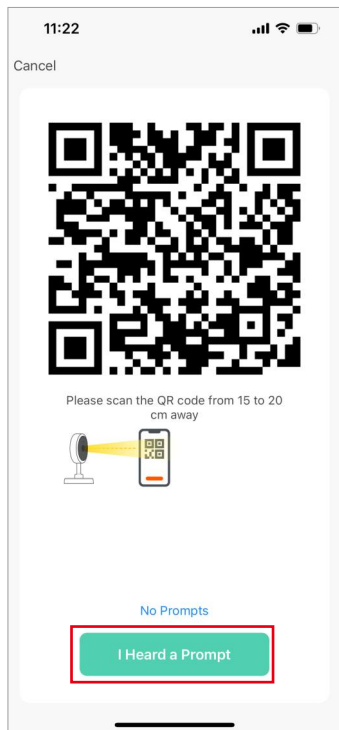
Wi-Fi *****

Enter your Wi-Fi name or allow location access to find nearby Wi-Fi devices.

Lock ***** Eye

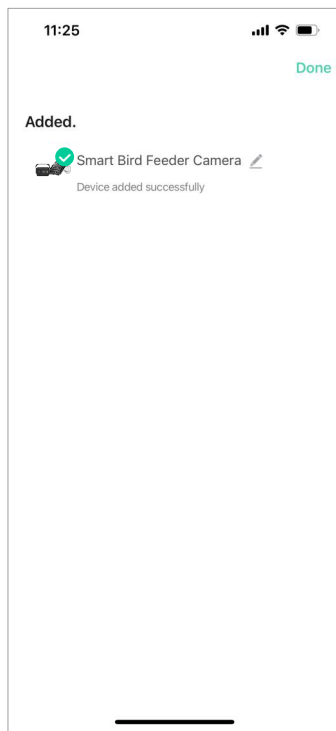
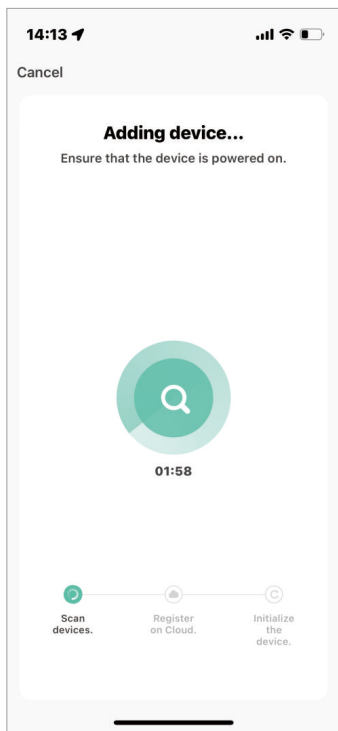
Next

4. Scan the QR code with the camera, and enter the connection after hearing the sound of the camera prompt.

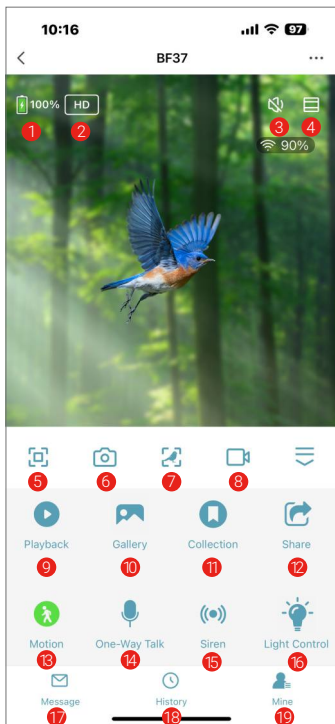


NOTE: The QR code needs to be aimed at the camera below

5.Wait for the connection to complete, and click "Done" .



APP INTERFACE INTRODUCTION

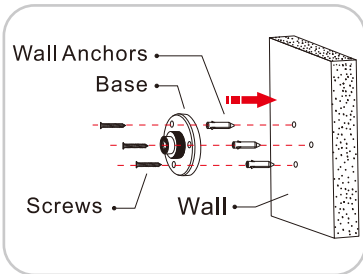
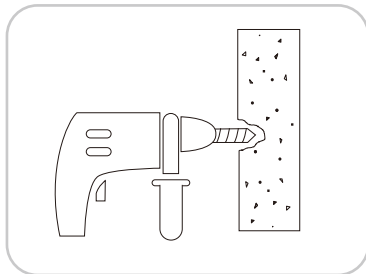


1. Quality adjustment: you can choose HD or SD
2. Battery Remaining Capacity
3. Voice switch
4. Zoom in the screen for camera
5. Screen horizontal and vertical adjustment
6. Take photo
7. Bird recognition
8. Shot videos
9. Playback for previous
10. View photos or videos took
11. Check out the bird collection
12. Share the device
13. Motion detection(Click to turn on/off)
14. One-Way Talk
15. Siren(Manual Siren or Squirrel Automatic Siren)
16. Lighting control
17. Notification for motion detection
18. History for bird recognition
19. Back to all function interface

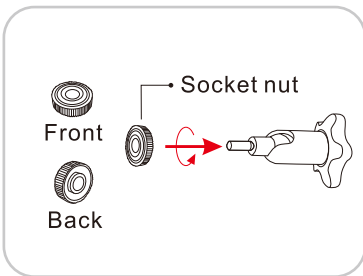
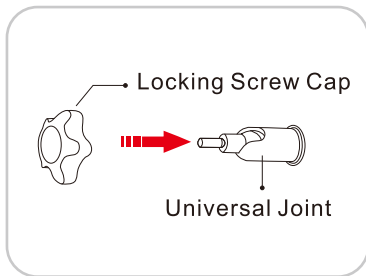
HOW TO INSTALL

External Solar Panel Installation

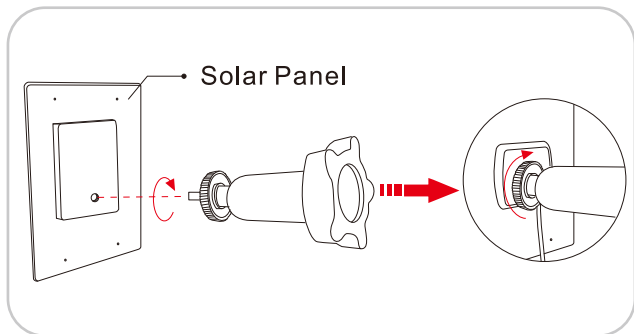
1. Fix the base to your mounting location using the included screws. If the installation surface is soft or unstable, first use a drill bit to drill a hole in the wall, then insert the anchor nail into the hole, and fix the base with screws.



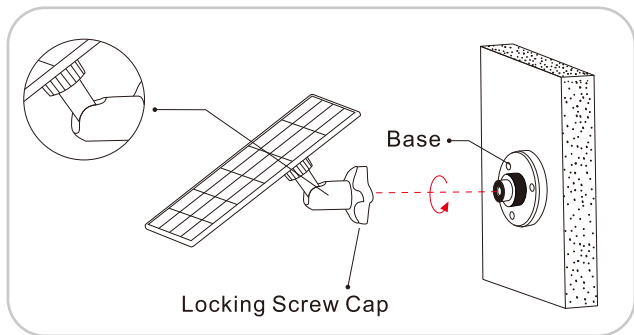
2. First, install the locking screw cap into the universal joint and then screw the circular socket nut into the universal joint.



3.Screw the universal joint into the back of the solar panel. Tighten it firmly with the attached nut.

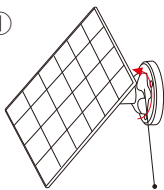


4.Screw the locking screw cap into the base. Make sure that the universal joint is angled upward.



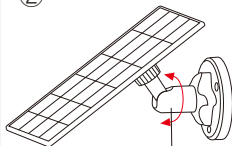
5. When adjusting the solar panel left or right, loosen the locking screw cap, turn the sleeve rod, and tighten the locking screw cap when the panel is in position.

①



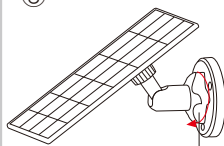
Locking Screw Cap

②



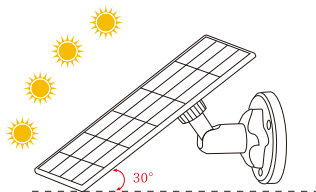
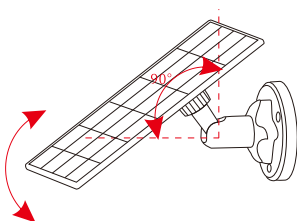
Sleeve Rod

③



Locking Screw Cap

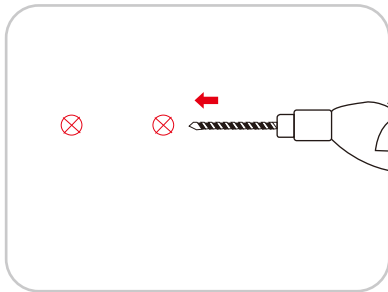
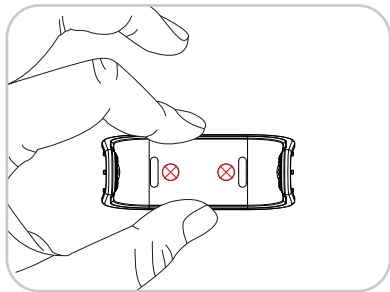
6. Solar panel's angle can be adjusted up and down up to 90°. (Tip: After the installation is complete, please check that all locking mechanisms are tightly secured)



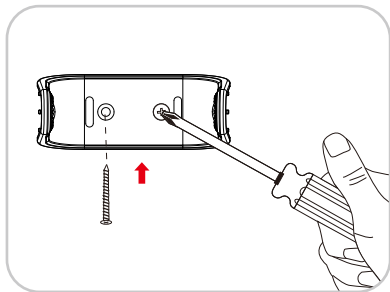
Camera Installation

Installation method 1:

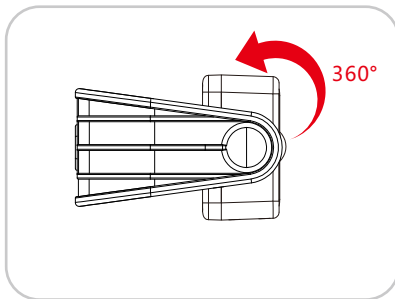
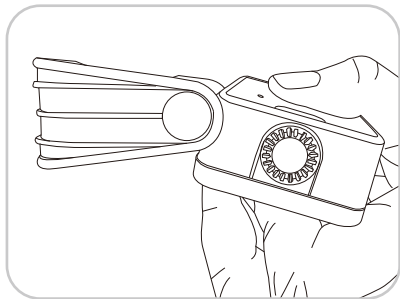
1. Fit the bracket to the location where you want to install it, and mark the two circular holes on the bracket.
2. Drill holes at the marked locations.



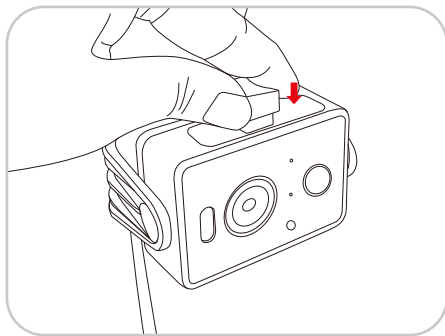
3. Use screws to fix the bracket to the location where you want to install it.



4. Align the camera with the buckle of the bracket until the camera is fixed on the bracket.

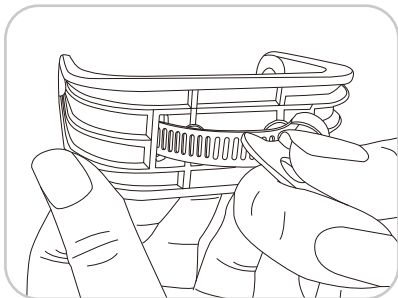


5. Connect the Type-C cable of the solar panel to the camera's type-C interface.

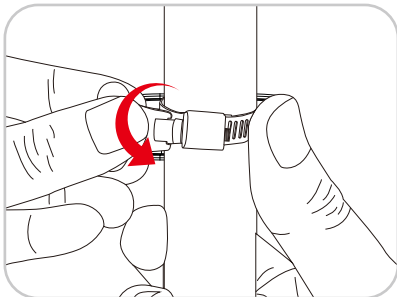
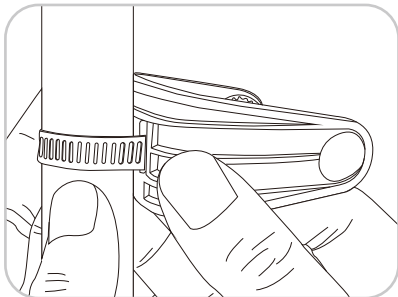


Installation method 2:

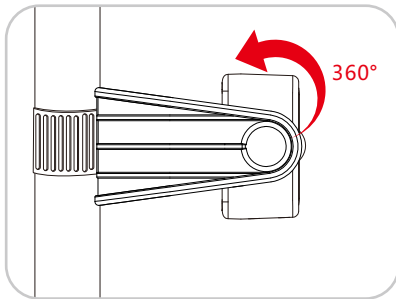
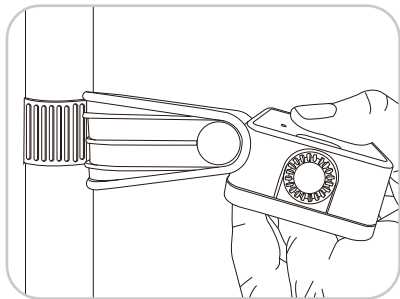
1. Pass the Locking Ground Plug Rings through the rectangular hole on the back of the bracket.



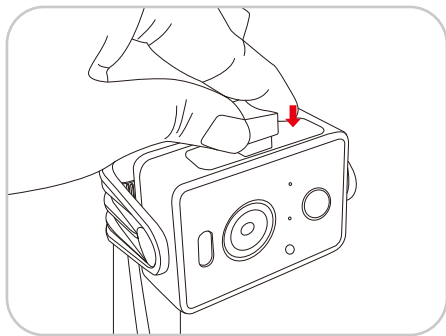
2. Pass the Locking Ground Plug Rings through the ground plug, lock the screws, and fix the bracket to the ground plug.



3. Align the camera with the buckle of the bracket until the camera is fixed on the bracket.

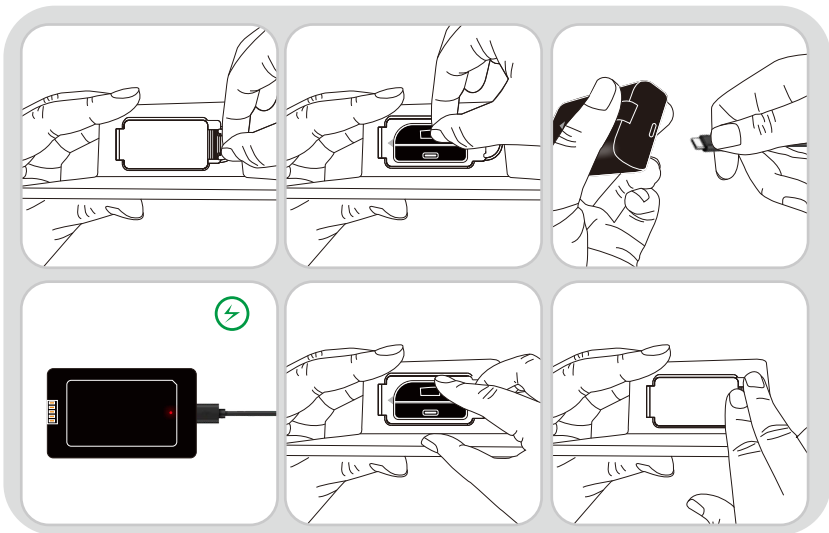


4. Connect the Type-C cable of the solar panel to the camera's type-C interface.



HOW TO CHARGE BATTERIES

- ① Remove the battery from the battery slot on the side.
- ② Insert the Type-C charging port to charge, the red light is always on during charging, and the green light is always on when fully charged.
- ③ After fully charged, put the battery back into the battery slot in the direction of the arrow and cover it.



FAQ

Q: Do I need to create an account to use the App?

A: Yes, you need to use email address or phone number to get a verification code for registering an account .

Q: What operating systems are the App compatible with?

A: The App is compatible with Apple iOS and Android system.

- IOS 10.0 and above.
- Android V5.0 and above.

Q:What Wifi band does the AI Camera support?

A: 2.4Ghz WiFi only.

Q: How many accounts can be linked with one Smart Bird Feeder?

A: The Smart Bird Feeder can only be linked to one account at a time. If it is linked by other accounts, please Long press the reset button for 10s to release.

Q: What's the language of the App?

A: The App's language will match your device's system language. But the Language of AI recognition result only supports English or Chinese now.

Q: Can I share the Smart Bird Feeder with other users?

A: Yes. You are able to share the Smart Bird Feeder with other users however they will need to install the “Bird Lover” app.

When the App is ready, any of the following methods is optional to share the device:

- When they have individual account:
 1. Sharing the device by adding the their account names.
 2. Adding new accounts to your family group.
- When they have no individual account:

Using your main account and password to log in the same way as you do.

Q: Why the “Playback” is not available?

A: Check the following:

1. Please confirm that the TF card is installed correctly or the payment action of cloud storage has been completed. If the TF card cannot be read, please format it to FAT32 with computer. Our product support 4G-128G TF card.
2. Please make sure you have enabled recording in the “Recording Settings”
And turn on the detection mode.

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

- A: 1. Enter the main page and find "Me" on the left bottom, click icon "👤". And set the app notification to turn on or off "Enable Notifications". You can also set up a schedule for "Do-Not Disturb Schedule" at the same interface.
2. Turn on or off the "Motion Detection" at the UI interface.
3. Turn on or off the "Detection Alarm Settings" on the Setting interface.

Q: Why the recognition result is wrong?

A: The accuracy rate depends on the angle and clarity of the bird image. To get more accurate result, please ensure the picture is clear enough. The identify features (bird's head, tail wings and pattern of feathers) should not be obscured. The bird image should be shown in the main position of the picture. Retry to capture more clear bird photos in the movement to recognize the bird if the result is not satisfied.

If there are two or more bird species in one picture, the recognized result will focus on the main position.



Demonstration: The best angle for recognition

Q: What should I do if the device is not working properly?

1. Please check whether the power cable is correct plugged in and make sure the power switch is turned on.
2. Please check whether the WI-FI is available and the smart bird feeder is work at the range of WI-FI.
3. Please remove the device and reconnect it.

FCC 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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 27cm between the radiator & your body

