

型号	品名	料号
HM01/HM02	智能蜂鸟喂食器	/

版本更新记录：

日期	内容
2024.01.16	说明书

日期：2024.01.16

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 Hummingbird Feeder

## User Manual

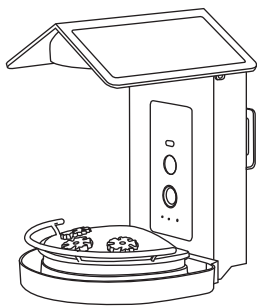


# CONTENT

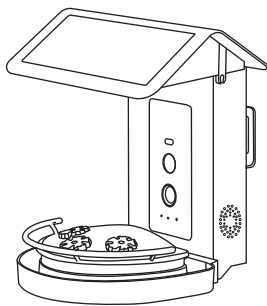
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# WARM TIPS

1. Keep the bird feeder and all accessories out of reach of children and pets.
2. Make sure the camera has been fully charged for the first time.
3. Please do not expose the camera lens to sunlight directly .
4. Please do not soak the bird feeder in water.
5. Please use 2.4 GHz WI-FI to connect the application.
6. Please stay away from the strong light when pairing.
7. Please keep the bird feeder within the range of WI-FI signal.



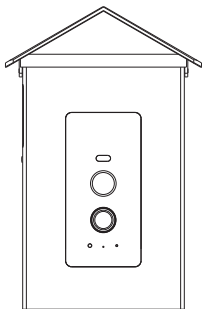
HM01



HM02

Take HM01 as an example and install it as follows.

# WHAT'S IN THE BOX



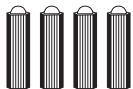
Bird House



Nectar Plate



Brackets



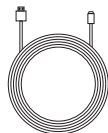
Green screws  
spacers \*4



Screw for  
bracket \*4



Screw for  
perch\*2



Charging cable



Transparent Nut  
Screws



Waterproof  
rubber



Reset Pin



Drill Sticker

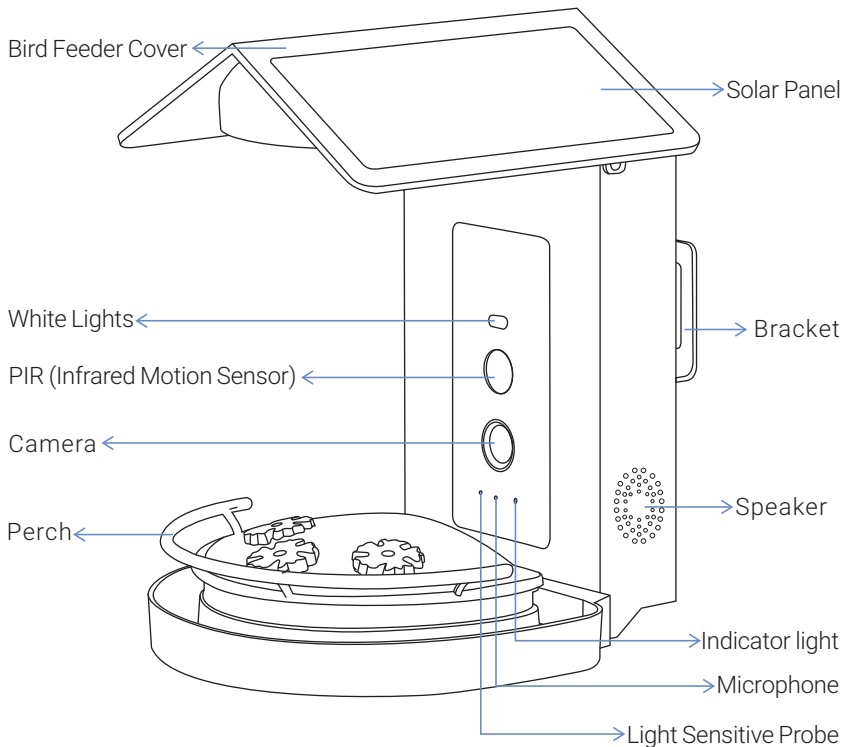
# SPECIFICATIONS FOR BIRD FEEDER

Product Model	HM01/HM02
Charging	Solar panels and mobile power
Battery	5000 mAh Rechargeable Lithium-Ion Battery
Resolution	2.0MegaPixels Photos and 1080P HD Live Stream Video
Operating Temperature	-5°F to 120°F (-20.5°C to 48.5°C)
Wireless Type	WIFI 2.4Ghz
Field of View	130°
Dimension	L7.32 x W5.59 x H9.84 inches (18.6 *14.2 * 25cm)
Power Supply	DC 5V2A
Power Consumption	2W( Max.)
Battery Life	4-6 years
Night Visual Range	8m(Max)
Anti-flicker	50HZ /60HZ

## **SOLAR PANEL SPECIFICATION**

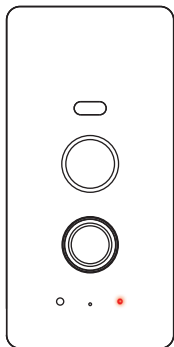
IPCE	19%
Working Voltage (Vmp)	5V±5%
Working Current (Imp)	400mA±5%
Open Circuit Voltage (VOC)	7.2V±5%
Short-Circuit Current (ISC)	480mA±5%

# INTRODUCTION FOR BIRD FEEDER





# INDICATOR LIGHT



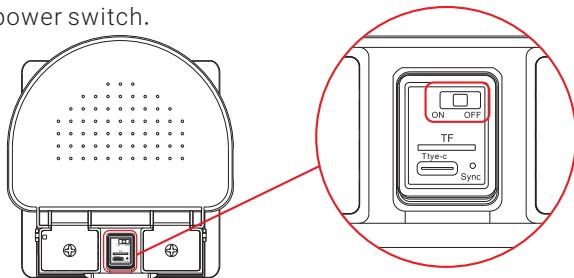
- 1.Camera turn on: Red light always ON.
- 2.Pairing mode: Red light fast blinking.
- 3.Network connecting: Green light fast blinking.
- 4.Network connected: Green light always ON.
- 5.Abnormal status : Red light slow blinking.(Need to reset)
- 6.During firmware update: Yellow light always ON.
- 7.Charging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

# HOW TO CONNECT TO THE APP

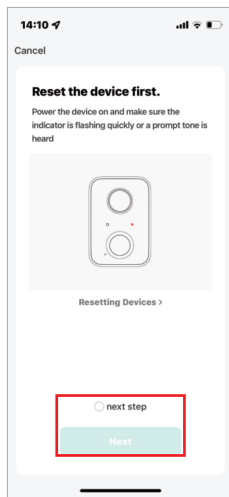
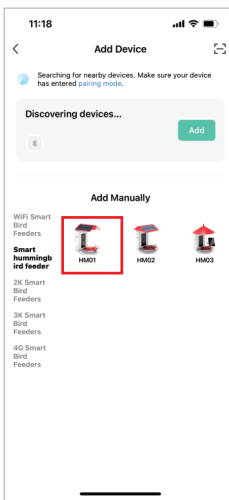
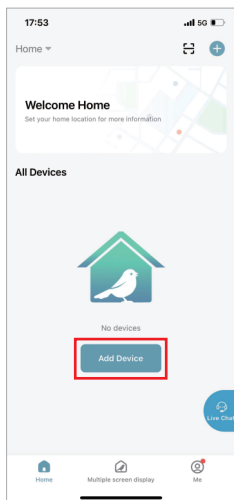


Download or scan the QR code and install the Bird Lover App for either IOS or Android. Once downloaded, the APP will prompt you to register your device. Enter your phone number or email address which one makes you feel comfortable and select the country you live in. You will receive the registration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

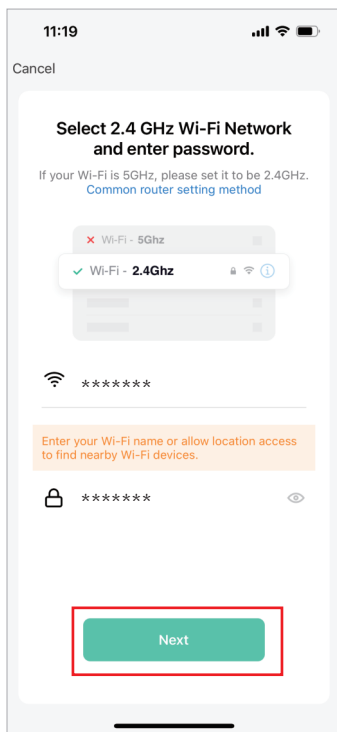
1. Turn on the power switch.



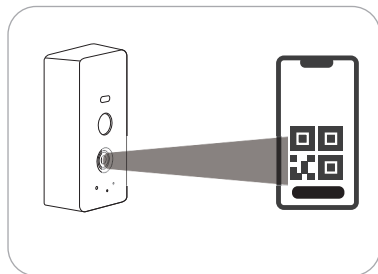
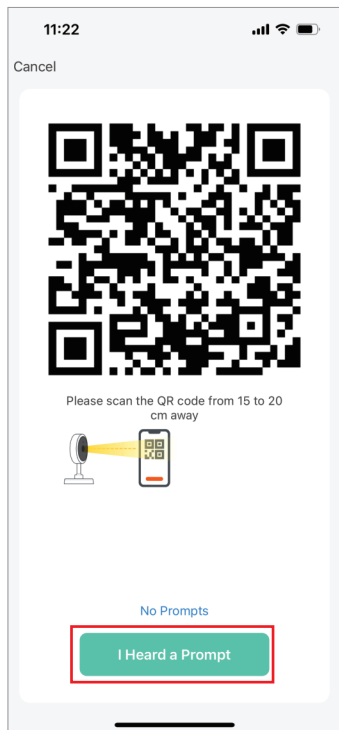
2. Open the APP and connect according to the following steps.



### 3. Enter the WIFI password.

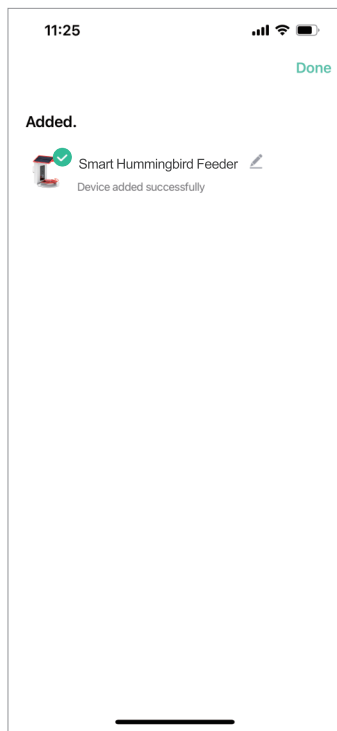
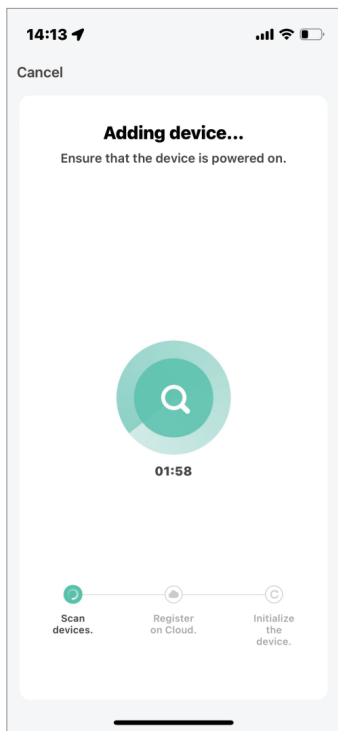


4. Scan the QR code with the camera, and enter the connection after hearing the sound of the camera prompt.

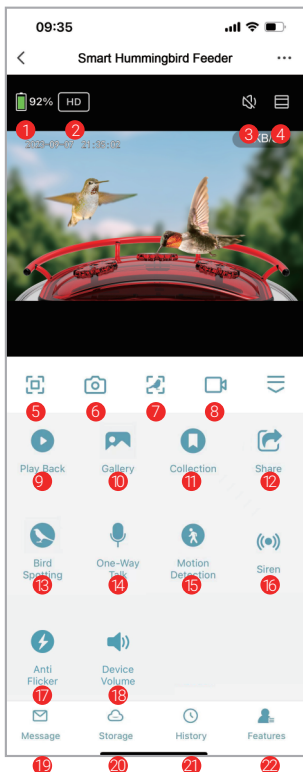


**NOTE:** The QR code needs to be aimed at the camera below

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



# APP INTERFACE INTRODUCTION

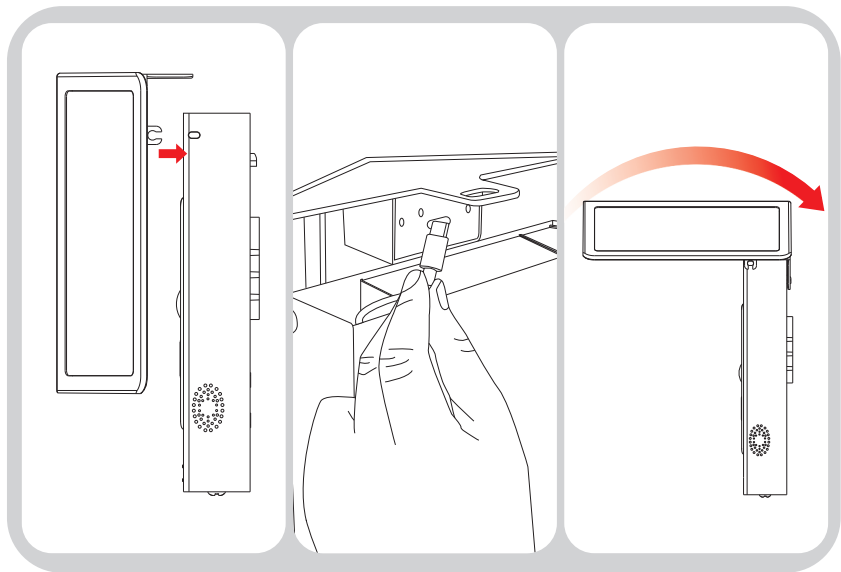


1. Quality adjustment: you can choose HD or SD
2. Battery Remaining Capacity
3. Voice switch
4. Zoom in the screen for camera
5. Screen horizontal and vertical adjustment
6. Take photo
7. Bird recognition
8. Shot videos
9. Playback for previous
10. View photos or videos took
11. Check out the bird collection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

# HOW TO INSTALL

## Top cover installation

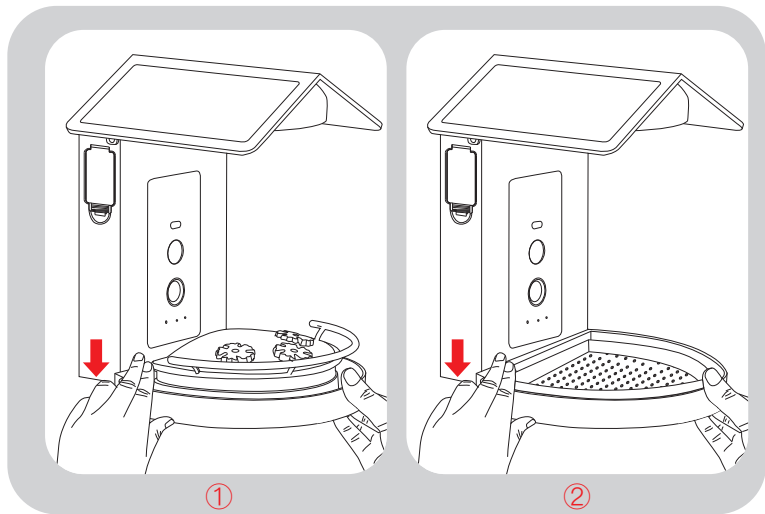
Align the top cover with the groove of the birdhouse and press down, Twist and snap the top cover.





## Food plates installation (Please select 1 or 2):

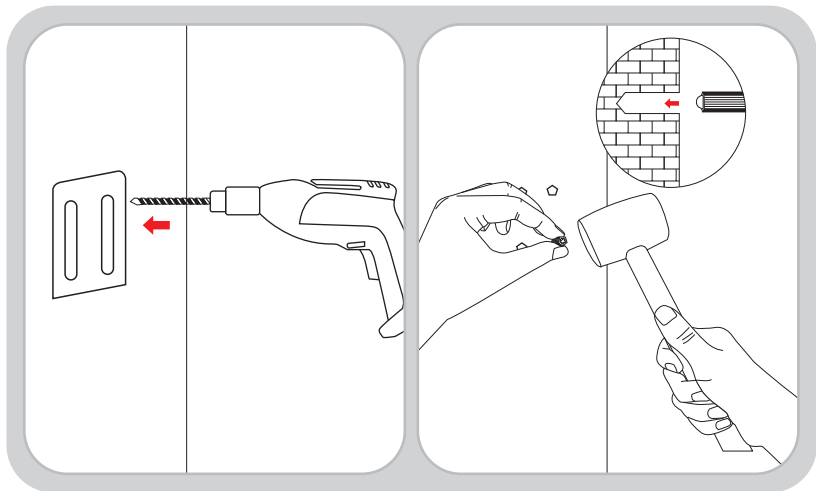
1. Install nectar plate into the bird house from the top and fix , it can be filled with honey and water, it also can be removable and easy to wash it.
2. Install the seed plate into the bird house from the top and fix , it can be filled with dry food for other kinds of birds in the season without hummingbirds.



## Bracket Installation

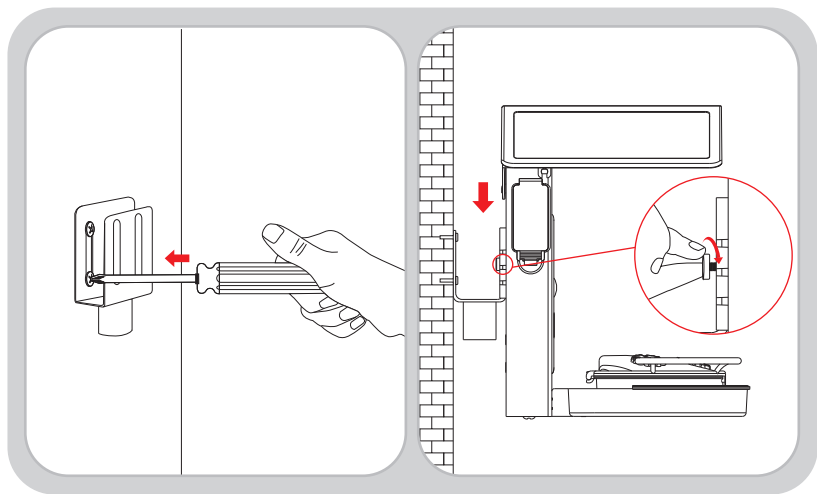
### Method 1 (Hitting the screws):

1. Stick the sticker on the tree or wall and drill holes within the range marked on the sticker.
2. Insert the green plastic screw spacers into the hole.



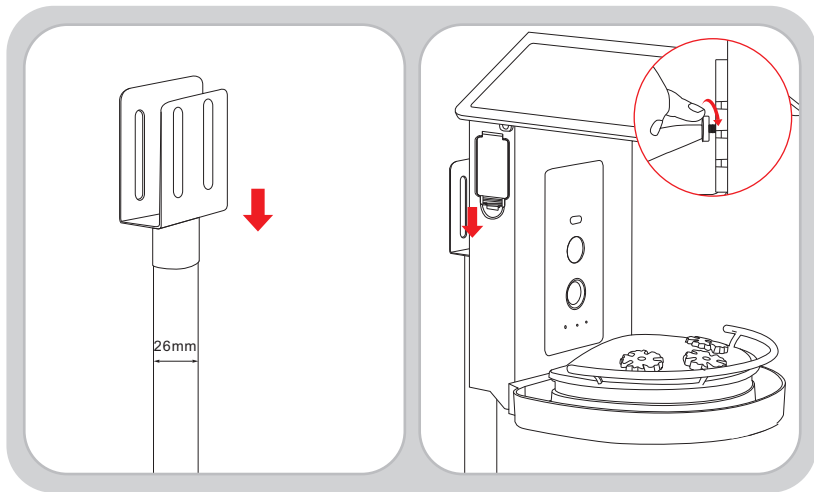
3. Fix the bracket with long screws.

4. Snap the bird feeder into the bracket from the top and fix it with the transparent nut screw.



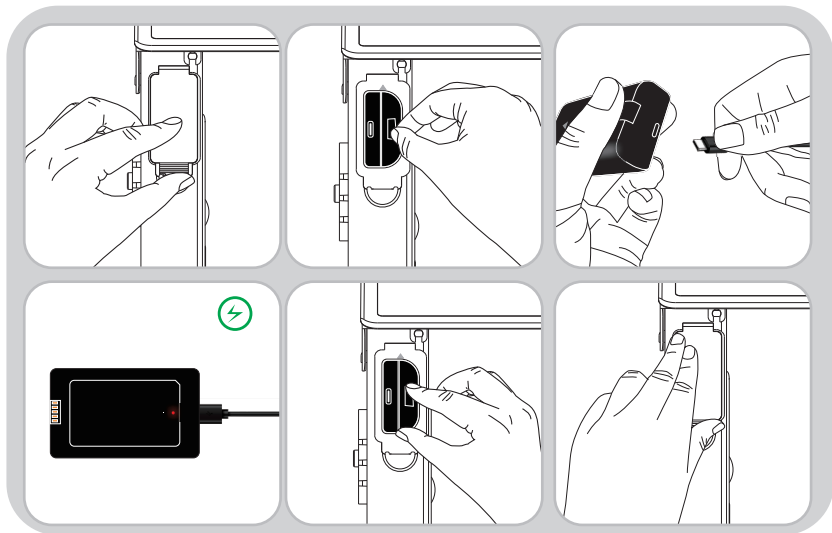
## Method 2 (Bird feeder pole mount):

1. Find a suitable pole to fix bracket.
2. Snap the bird feeder into the bracket from the top and fix it with the transparent nut screw.



# HOW TO CHARGE

- 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: How many accounts can be linked with one Smart Hummingbird Feeder?

A: The Smart Hummingbird 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: Can I share the Smart Hummingbird Feeder with other users?

A: Yes. You are able to share the Smart Hummingbird 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: 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: Why is the camera battery draining so fast?

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

1. Whether you check the camera with APP too often.
2. Whether the camera always wakes up due to too many birds visiting.

### 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 remove the device and reconnect it.



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

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. "To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."