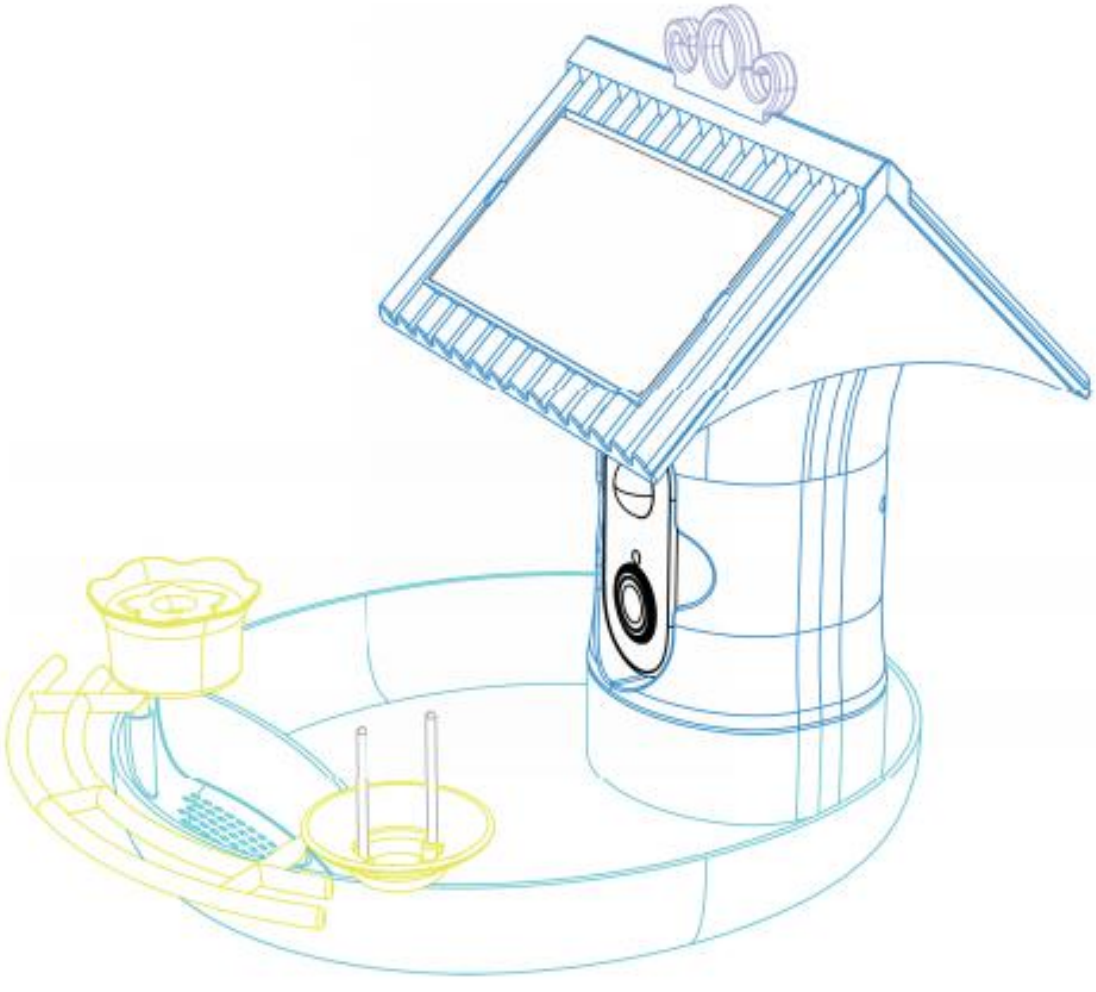
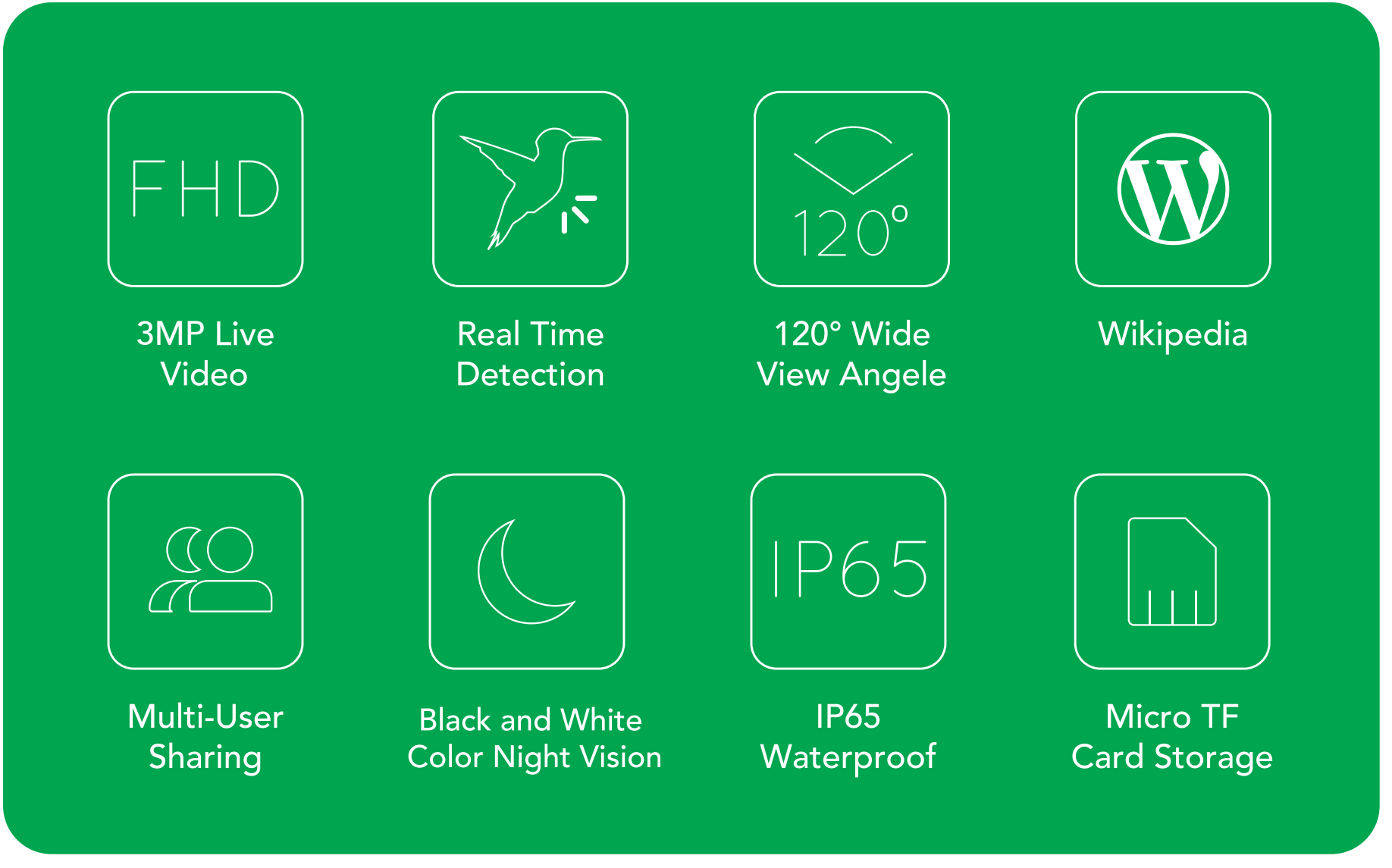
HiBirds

Solar Smart Bird Feeder

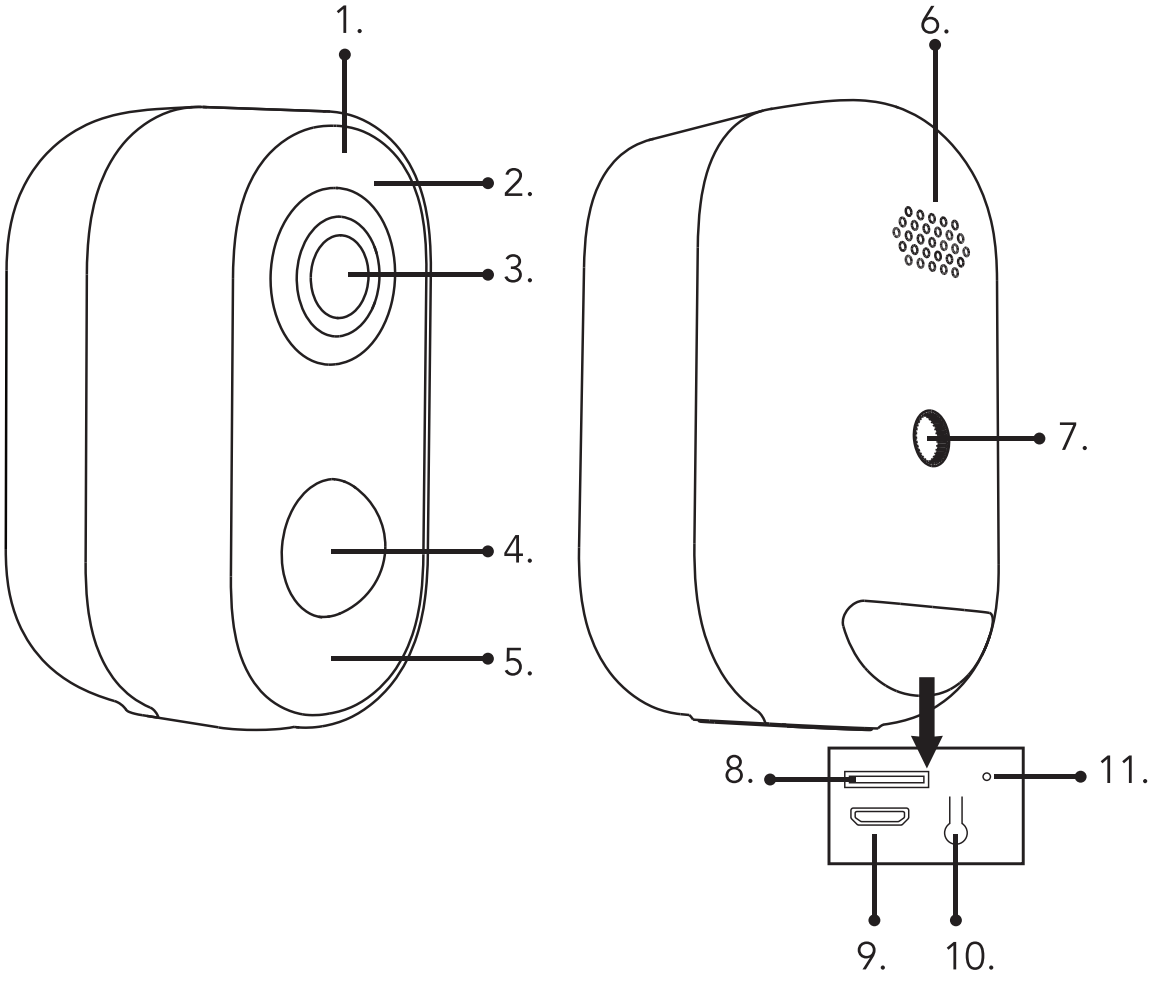
Smart Bird Feeder



HB-F4 Instruction Manual


FHD
3MP Live Video
Real Time Detection
120°
120° Wide View Angele
Wikipedia
Multi-User Sharing
Black and White Color Night Vision
IP65
IP65 Waterproof
Micro TF Card Storage

Camera Appearance



1. Indicator Light
2. IR LED
3. Camera Lens
4. PIR Sensor
5. Microphone
6. Horn
7. Fixing Magnet Screw Hole
8. TF Slot
9. Type C Charging Port
10. Power Switch
11. Reset Button

Camera Specification

Project	Specifications
Lens of the camera	2.8mm
Image resolution ratio	2304x1296P
Camera dimension	52*65*106mm
Medium	Micro SD card (128GB)
Working temperature	-10°~45°C
Adapter requirement	5V/ 2A

Switch the Machine and Networking

Power on and off:

Press the power key for 3s to switch between startup and shutdown status.
After the camera is powered on, the blue indicator lights on above the device, and broadcast the "Please configure your WiFi settings."
The front lens indicator light can be observed to confirm whether the device is powered off or turned on. (no prompt sound when power off)

Reset:

If you fail to hear the broadcast, please press the Reset button to restore the factory setting.
Insert the reset hole with a pin, long press the Reset key, hear the "Reset successfully. Please wait for the camera to reboot. Please configure your WiFi settings." Then you can enter the distribution network mode.
When first connects to a camera, use HiBirds app to configure the camera network as prompted.

If press the reset button for no reaction, please confirm that the device is turned on (the blue indicator light in front of the lens flashes), you can charge for 2 hours first, and then turn on and reset again.

Start to use

1. Download App "HiBirds" from App Store, or Scan QR as below.

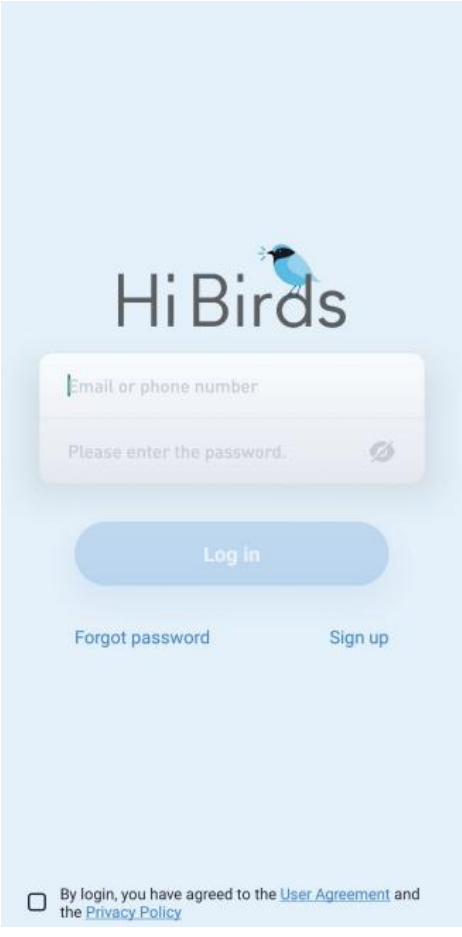
APP is compatible with Android and IOS system.

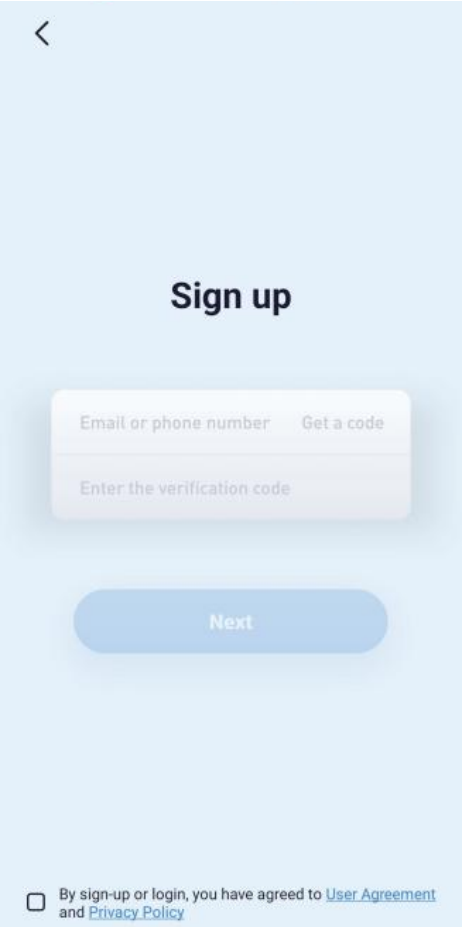
Android APP Market Download

Apple APP Store • Download

2. Register an account

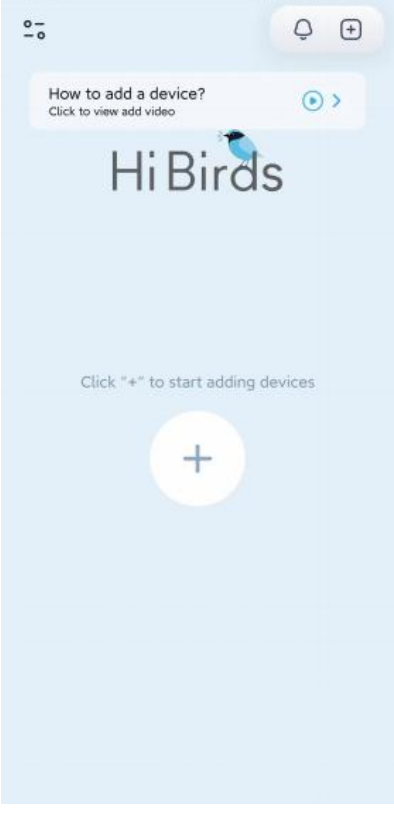
To start the APP for the first time, users need to register through the click "sign up" to follow the wizard to obtain the verification code, complete the user registration and log in.

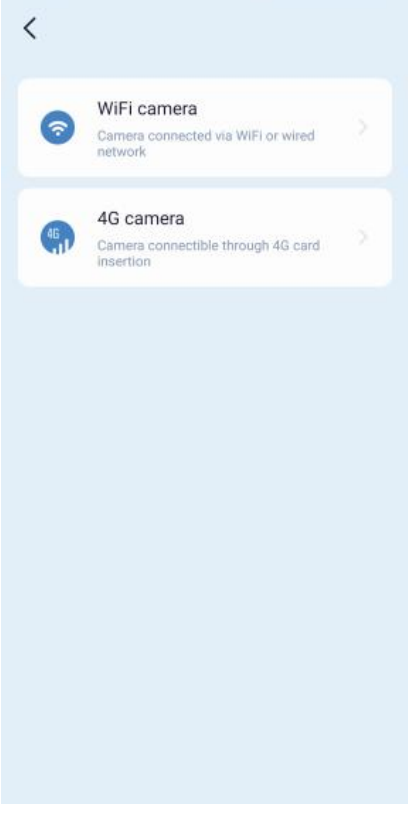


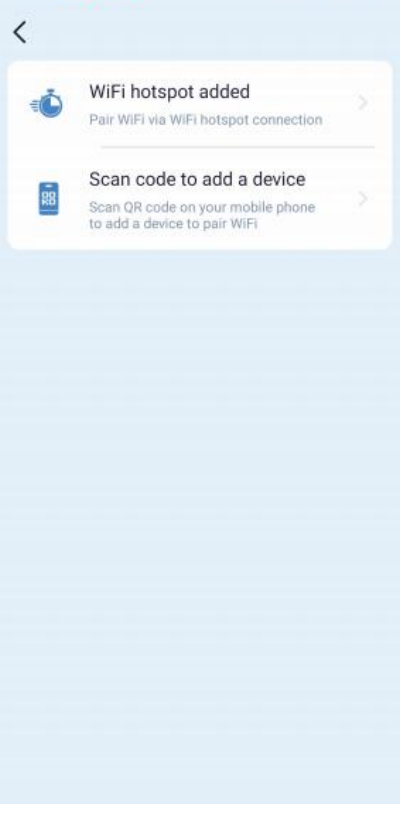


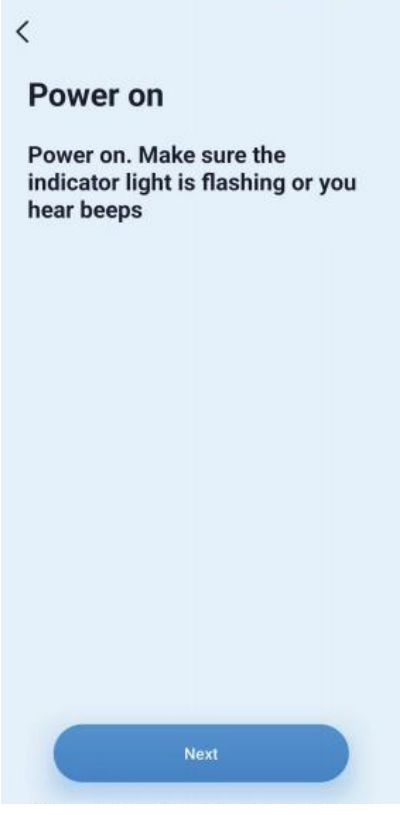
3. Add and Binding Device

Log in to HiBirds, click the "+" sign in the middle of the APP, select "WiFi Camera", "Scan code to add a device", and follow the instructions on the page to complete the device addition. (Please place the device near the router)



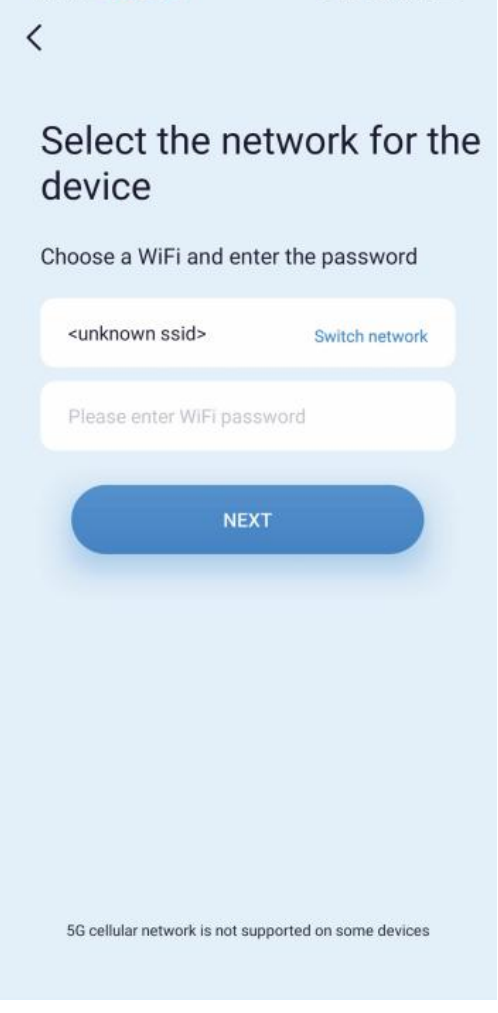




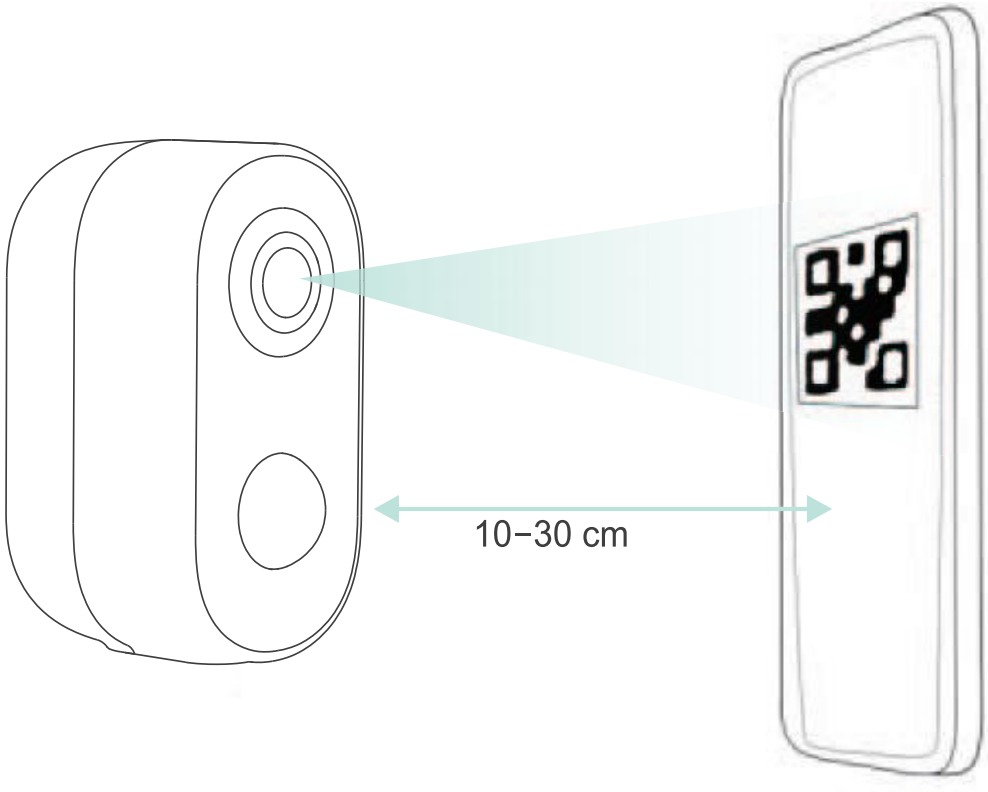


4. WiFi Connect:

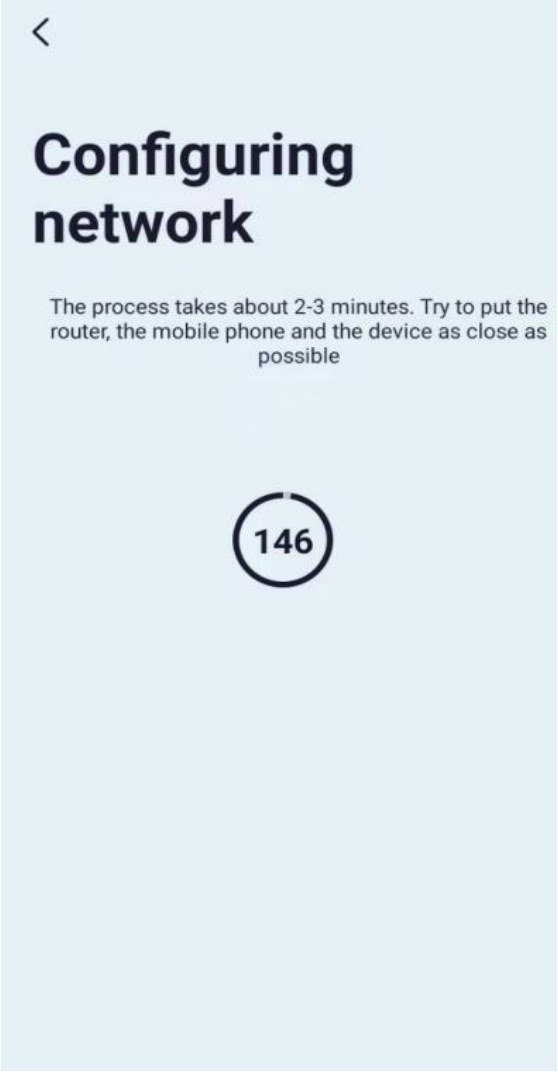
1) Select the network for the device.
   Choose a WiFi name and enter the correct WiFi password Click "Next" to obtain the OR code for configure network.
   The Camera does not support connecting 5G WiFi.
   Only support 2.4G WiFi.

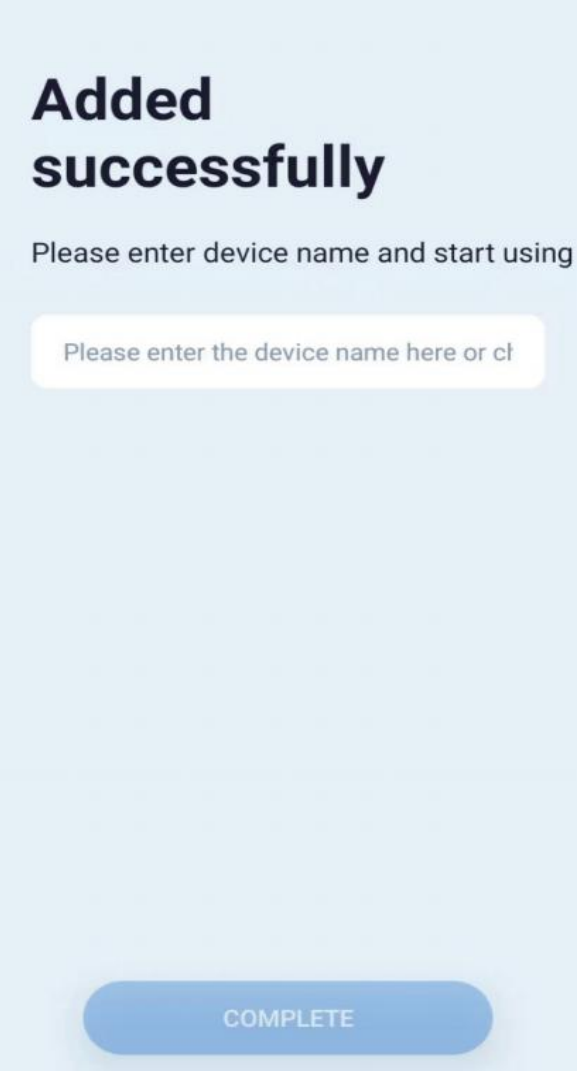


2) When hear the broadcast
"Show the QR code to the camera" ,
then Put the phone screen directly
opposite to the front of the
camera lens,
10-30 cm apart, and try not to let the
phone shake during the process.
After hearing the device broadcast
"Try to put the router, the mobile
phone and the device close possible.
Please connect to your router.
Please wait for your connect to your
router serve. The device added
successfully ". It has scanned the
code successfully. Click " I 've heard
the beeps from the device",
click "Next".



3) After waiting for a period of time, the camera added successfully.
Then, please set the name of the device on the App, and click "COMPLETE" to complete the pairing.

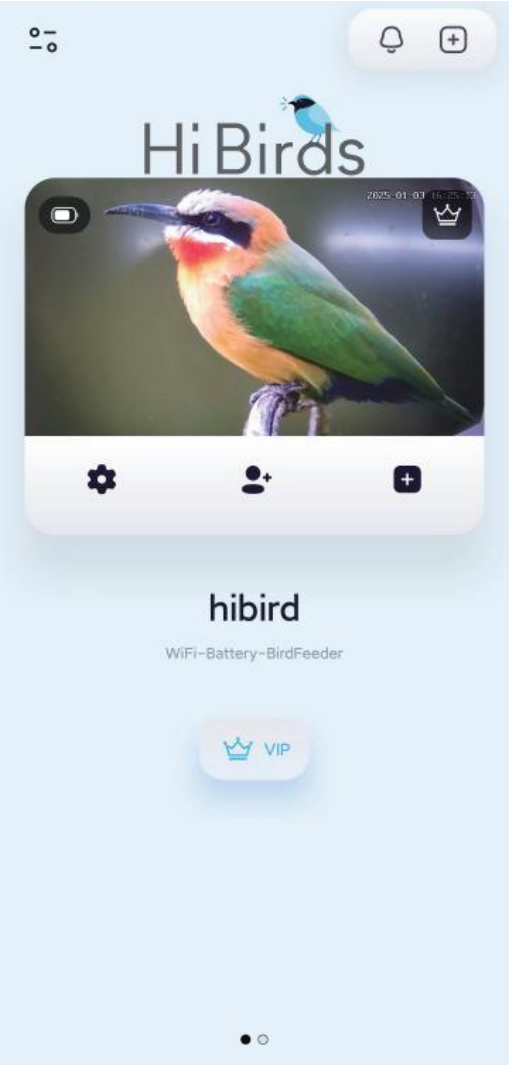


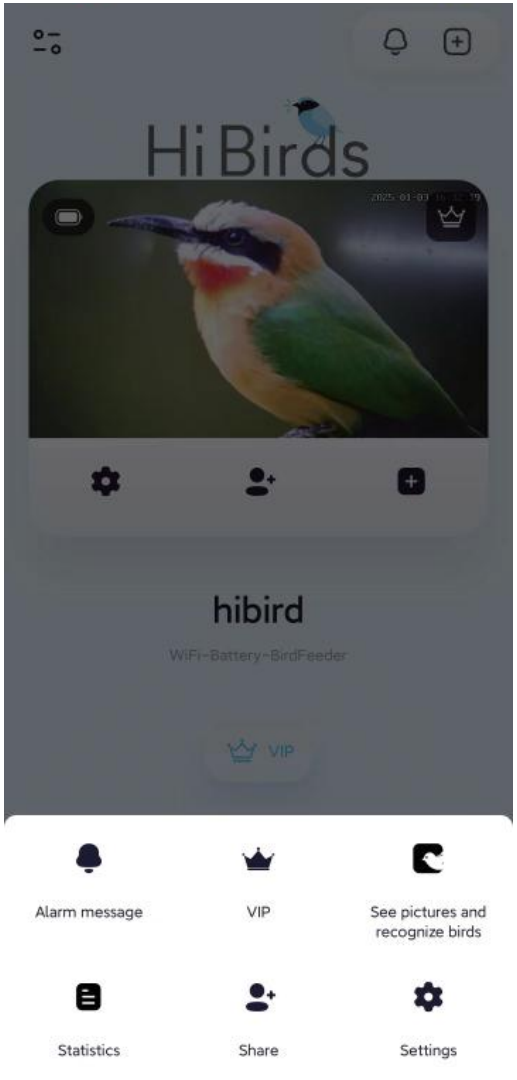


5.Share Equipment

1) When you need to view the camera together with other family members or friends, you can use this function. The shared person needs to register the HiBirds account firstly. One main account can share to 10 devices.
Only the administrator master user who is bound to the camera for the first time can share and set up the device, and other members can only view the device live broadcast or look back function.

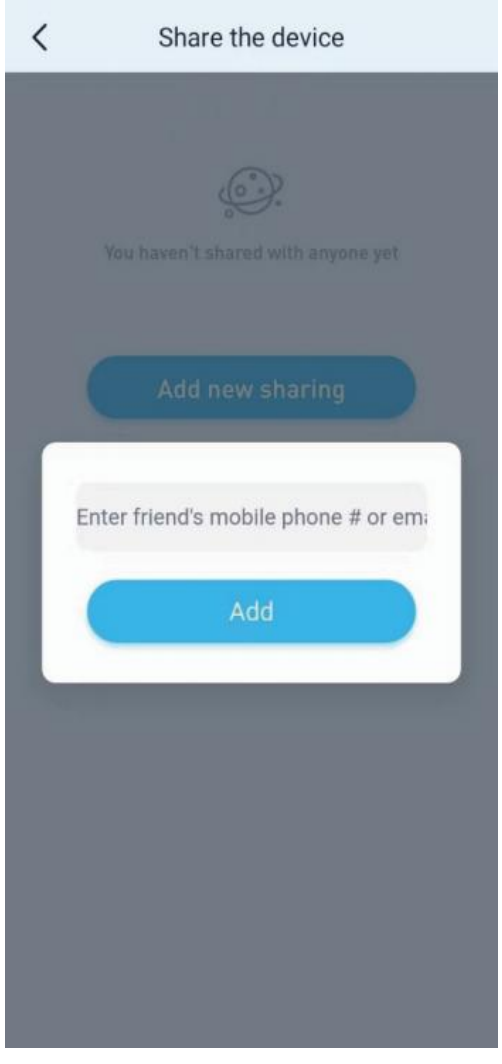
2) In the App homepage, click the right “+” button, and click “Share” on the bottom, then enter the sharing page.

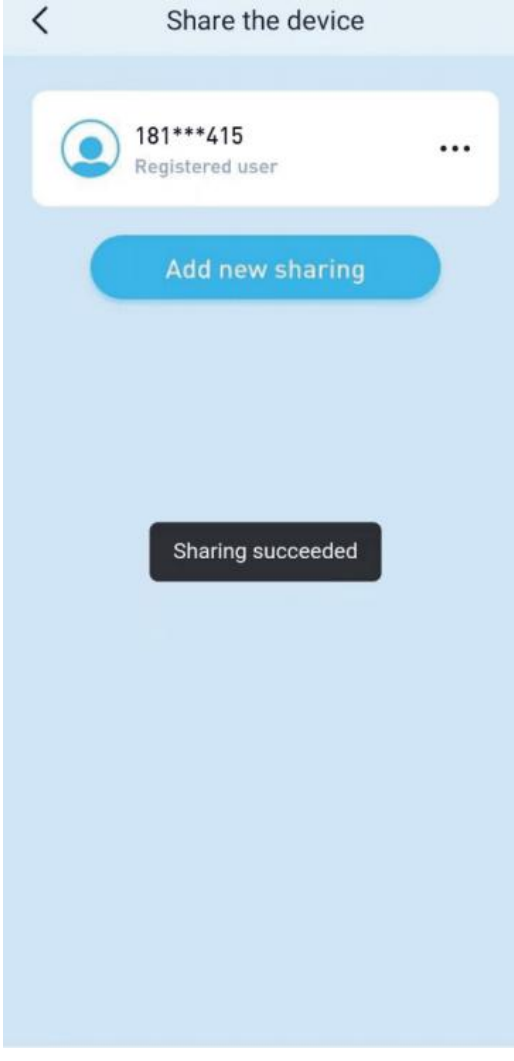




3) click “Add new sharing”, enter the friend’s mobile# or email and click Add, and you can share successfully. The shared person can log in the account to display the "from sharing" device. (The shared account can watch live streaming, cloud video, card video, and receive notifications on/off)

4) If you need to delete the sharing, click the nickname of the sharing member in the main account sharing interface, and click "Remove sharing" to cancel the sharing.

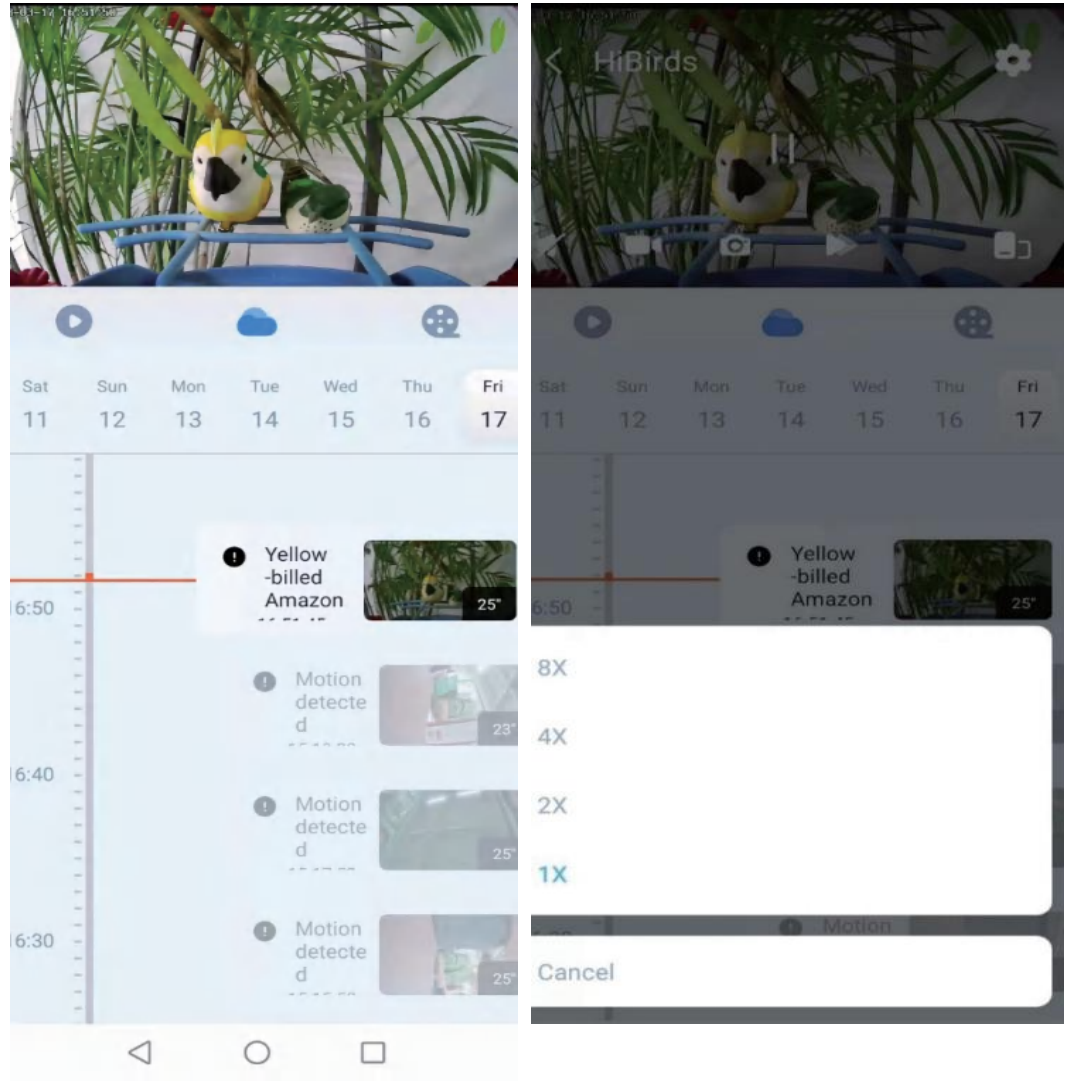




6.Video Play

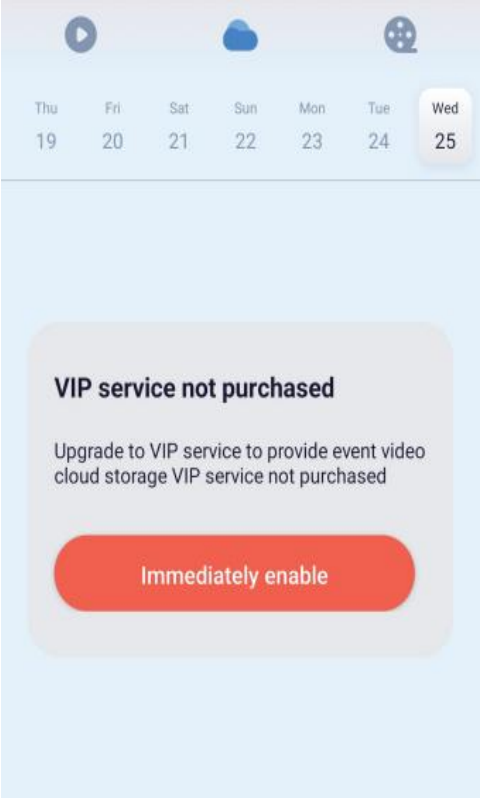
There are TF card video and cloud storage video. cloud storage video, please click "Cloud Video" after purchasing cloud storage. If you insert TF card, click "Card video" to watch TF card video.

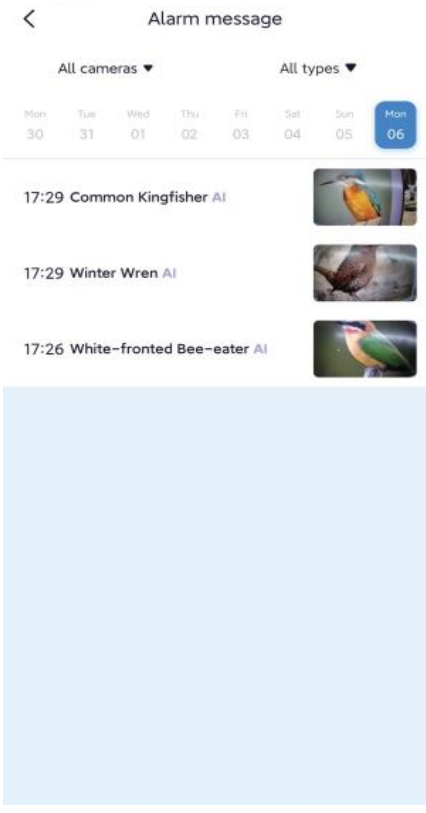
After clicking the card video / cloud video option, different dates will be displayed, and click to view the selected date video. When watching the video, multiple function options are displayed. From left to right are: "sound", "record screen," screenshot "and" HD". (TF card video supports up to 4 times speed playback, and cloud video supports up to 8 times speed playback)

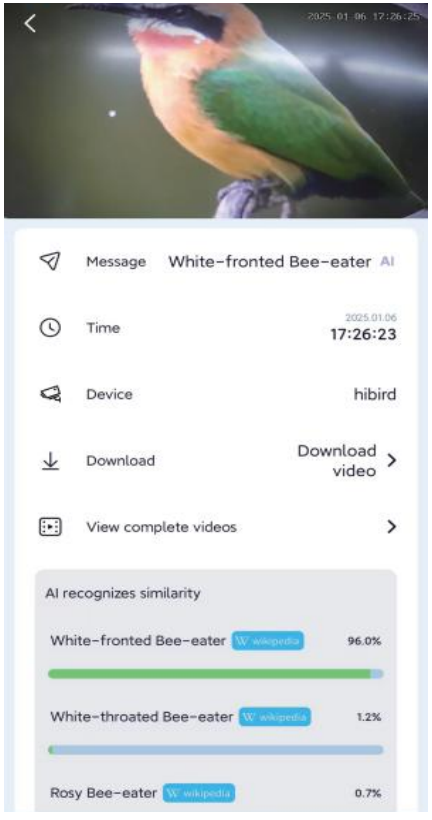


7. VIP Cloud Server

Provide bird identification, cloud storage AI event services, bird Wikipedia and other services. The monitored dynamic objects are automatically captured in time. AI identification technology is used to automatically identify birds, and send timely message notification. If you need upgrade to VIP service in the APP, Please click “Immediately enable” on the VIP service page, and select the type that you need to upgrade.







8. Install the bird feeder

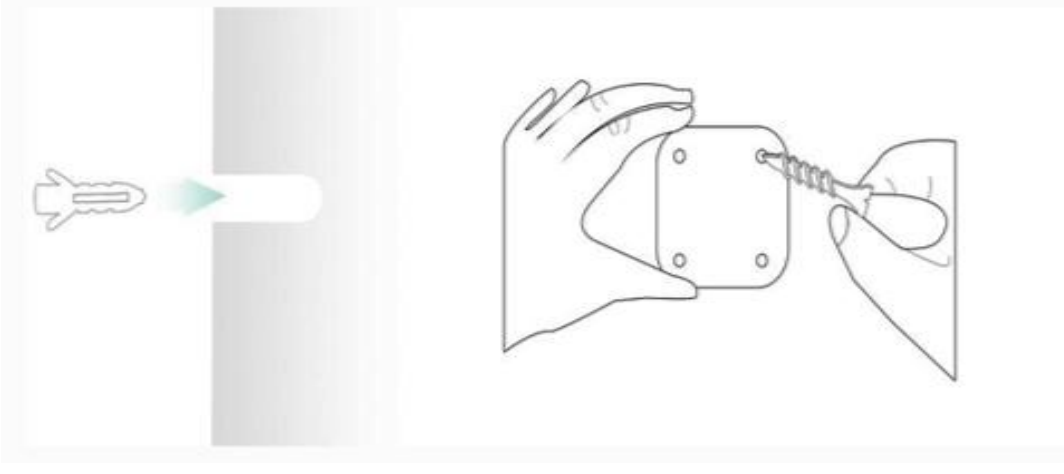
Please install the bird feeder in an unobstructed environment and within the coverage of the wireless network.

Install Method

Please install the standing bird bracket to the bird feeder with screws firstly.
Then you can bind our bird feeder on a tree with a hook & loop closure strap, install it on a wall with screws. hang on a Shepherd hook or fix it on a stake.

1). Screw Fixing:

Please drill the hole on the wall at the bracket of the back of the bird feeder. It is recommended to mark the wall with a pencil before punching.
Stick the expansion nut into the wall, and then screw the bracket to the expansion nut to complete the fixation.



2). Hook & Loop Closure Strap:

Please hang the bird feeder on the tree with the Hook & Loop Closure Strap.

3). Hang on the Shepherd Hook

We have installed an archedhandle on the top of our bird feeder. You can hang the handle ona shepherd hook. If you don't havethe shepherd hook, you can buy it from us.

4). Fix on the Stake

There is a screw hole at the bottom of our bird feeder. You can fix it with a stake. Our stake is also optional and you can buy it from us.

9. Camera Charging

When the battery is low, the power is low on HiBirds App. Please use the type C cable to plug the 5V / 2A charging adapter into the charging interface for camera. If the continuous low power state is not charged, the camera will automatically power off.
During charging, the charging icon is displayed on the APP. It need take around 8 hours for the camera full charging.

10. Firmware Upgrade

When you connect to your camera via HiBirds App, there are firmware updates. The Version is prompted for an upgrade. You can also view the current firmware version in the App Camera Settings-Device Details.

Note: Make sure your camera is fully charged or connected to the power adapter before the firmware upgrade.
Do not turn it off during the camera upgrade.

Frequently Asked Questions:

1. Is the APP only in English, or any other languages available?

   Chinese, English, Portugal, Korean, German, Spanish, French, Thai, Turkic, Vietnamese, Polish, Japanese, Italian, Russian, Russian.

2. How far away should the camera be placed from the router?

   After testing, the WiFi connection distance is 15 meters in the open space. The actual situation depends on the intensity of WiFi and the surrounding environment (too thick wall, electromagnetic wave equipment, metal, experience the interference to WiFi signal), such as the camera connection signal is weak or Unstable, please place the camera as close as possible to the router.

3. How to charge?

   When the battery is low, the power is low on the HiBirds App. Please use the type C cable to plug the 5V / 2A charging adapter into the charging interface for camera. If the continuous low power state is not charged, the camera will automatically power off. During charging, the charging icon is displayed on the APP.

4. Does HiBirds need WiFi to operate? Does it have local storage?

   HiBirds bird feeder camera does require a 2.4Ghz WiFi connection. Once it is connected to your home 2.4Ghz Wi-Fi, it uses the connection to send bird real-time notify to your mobile device. It does not support 5G wireless network. It supports TF memory card local storage in FAT32 format, and the maximum capacity supports 128G.

5. What's the maximum video duration?

You can choose the length of 10S, 20S and 60S in the App. According to the continuous duration of video recording, the maximum length of recording the video is 1 minute.

6. Overall a poor performer short battery life for its purpose and limited

WIFI range which makes it unusable for good placement? It depends on the working time of the camera. Please connect the charging cable to the solar panel for continuous charge during daylight, then you can constantly have the stream running.

7. Has it the night vision function?

Built- in infrared lamp beads, with only faint red light visible during night vision, ensuring clear video in no light or low light environment.

8. Is HiBirds weatherproof? What are operating temperatures?

Yes, the smart bird feeder camera itself is weatherproof! It can work at a minimum temperature of -10°C) and a maximum temperature of 45° C). If this temperature range is exceeded, we recommend that the product be returned to the room to avoid damage.

9. Is it squirrel proof?

The bird feeder camera has a built-in microphone and speaker, and the real-time two-way audio function allows you to hear birds voice or chase annoying squirrels.

10. Device has a way to hang on a shepherds hook or must it be mounted?

Besides hanging on the tree with hook & loop closure strap or mounting on the wall with screws, HiBirds feeder can be also hung on a shepherds hook or fixed on a stake.

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, 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.

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.