V1.0

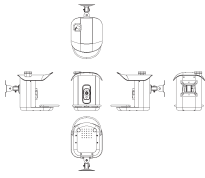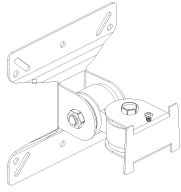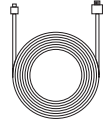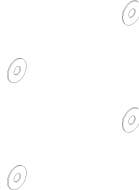## What's in the box

Bird feeder

Bracket

Anchors*4

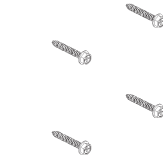Micro-usb
Charging cable

Screws for wood*4

screw washers*4

Screws for wall*4

Pin

Bird feeder structure

Solar panel

Bird feeder cover

Bracket

Camera

Bird Stand

Hummingbird feeder

Camera structure

Microphone
Light sensor
Camera bracket

Speaker
Power ON/OFF
Infrared led

Lens
PIR mounting sensor
TF card slot

LED indicator light
Charging port
Sync/Reset
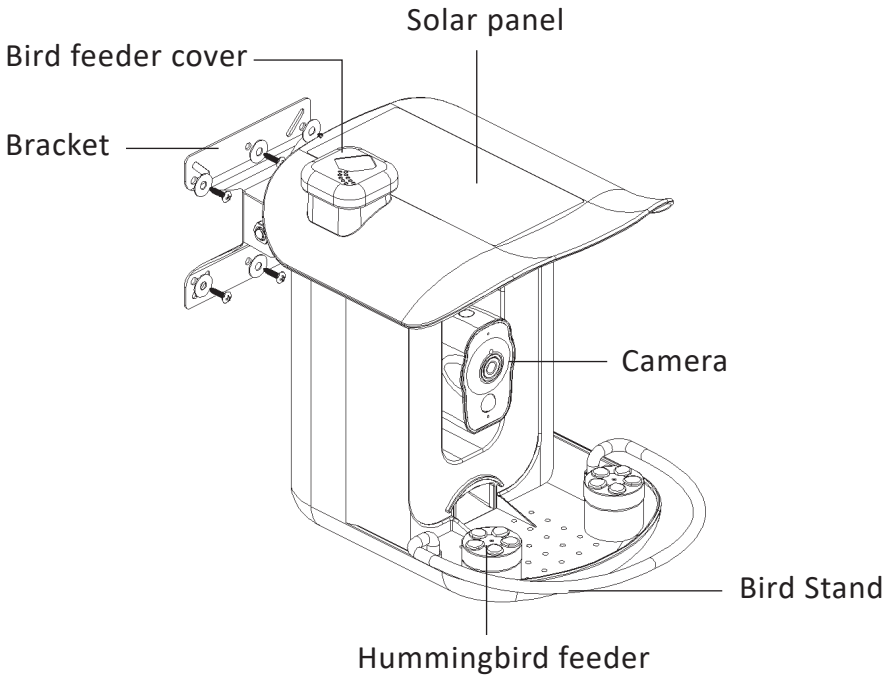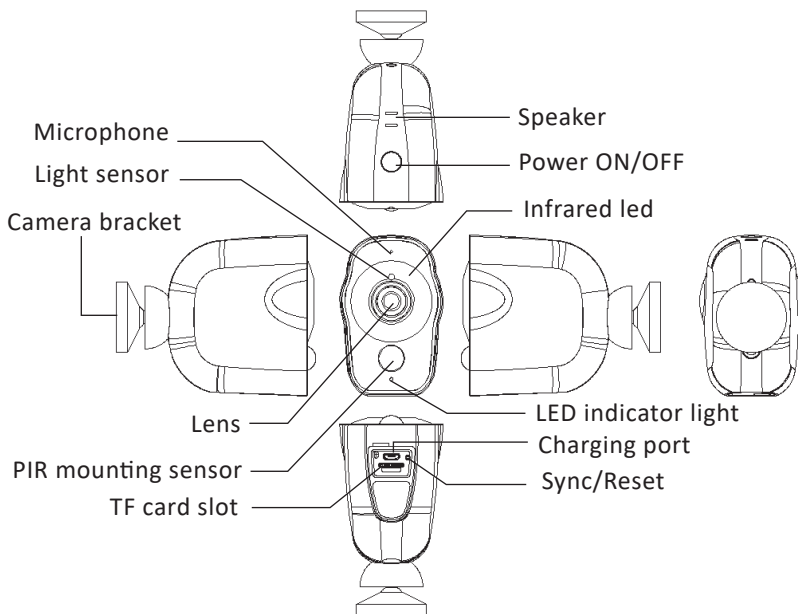
Camera Specification

Product model	**Y28-A**
Power Consumption	**2W Watts(max.)**
Standby current	**<500uA**
Battery life	**4-6 months**
Pixel	**2 megapixel 1080P**
Viewing angle	**170°**
Night visual range	**8m(max)**
Wireless connection	**2.4G**
Anti-flicker	**50HZ 60HZ**
Operating temperature	**-20.5℃~48℃**
Operating humidity	**10%~95% non-condensing**

Battery capacity	4500mAh
Maximum capacity of memory card	128G
solar charging	5V/200mAh
Power supply	DC 5V2A

STATUS LED

1.Power on: Blue light on
2.Charging: Red light on
3.Connecting to network: Blue light flashing
4.Connected to network successfully: Blue light on constantly
5.Fully charged: Red light off

Read Before Installation:

1.Please keep the bird feeder and all accessories out of the reach of children and pets.
2.Ensure that the camera has been fully charged before connecting and setting it up.
3.Operating temperature range: -5°F to -120°F (-20℃ to 48.5℃).
4.Operating relative humidity range: 10% to 95%.
5.Do not expose the camera lens to direct sunlight.
6.The camera has an IP65 waterproof rating, and can operate normally in rainy and snowy weather conditions, but should not be submerged in water.

NOTE:

1.The bird feeder supports 2.4G WiFi networks.
2.When connecting to WiFi for setup and using the camera, try to stay within range of a strong WiFi signal to avoid weak signal issues that may affect camera setup and use.
3.Avoid placing the device near furniture or other products that generate electromagnetic interference, such as microwaves.

# Installing a bird feeder: wall and wood surface installation

I. Wall Installation:

1.Begin by marking the locations for the screw holes on the wall according to the bracket holes, then drill four holes using the drill bit (Note: the narrow end of the bracket hook should face upwards).
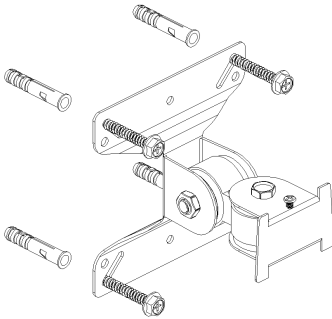
2.Place four anchors into the drilled holes, then place the larger wall screws into the bracket's grooves and use the iron wrench provided with the product to tighten the screws and secure the bracket.

3.Use two iron wrenches to tighten the screws on the adjustable parts of the bracket up and down to adjust the bird feeder's direction. When the bird feeder's direction is set, tighten the screws as much as possible to support the bird feeder and prevent it from tilting.

4.Adjust the tightness of the screws as needed and fix the bird feeder bracket in the left and right directions.
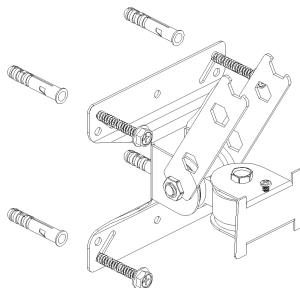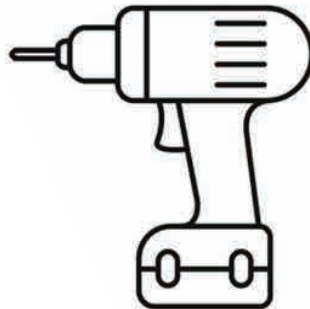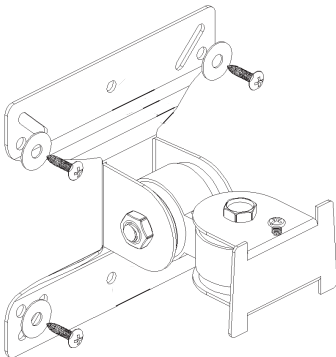
5.Align the slot on the back of the bird feeder with the card holder on the bracket, and insert it to complete the installation. If needed, you can tighten the small screw next to the card holder to secure the connection between the bird feeder and the bracket.
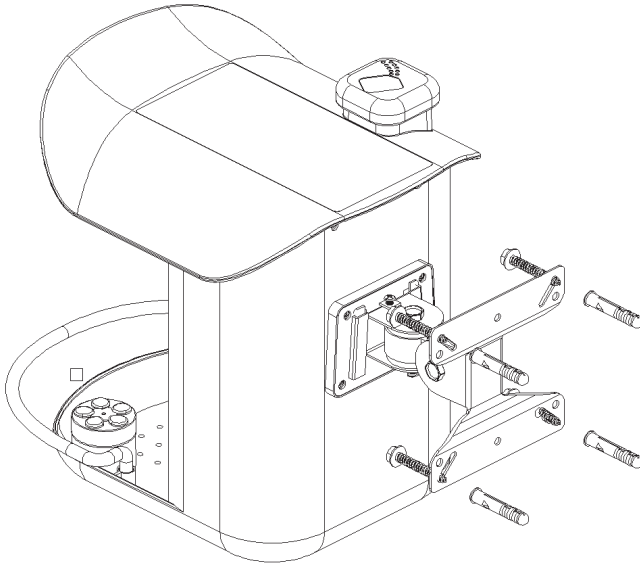

II. Wood surface installation:

1.Start by marking the four screw positions on the wood surface according to the small screw holes on the bracket base (Note: the narrow end of the bracket hook should face upwards). Then, insert the screw washers onto the screws and use a screwdriver or electric screwdriver to secure the bracket to the wood surface.

2.Use the two wrenches to tighten the screws on the moving parts of the bracket to adjust the up and down direction of the bird feeder. Once the direction is set, firmly tighten the screws to support the bird feeder and prevent tilting.
3.Depending on the required tightness, adjust the screws to fix the bird feeder bracket in the left and right directions.
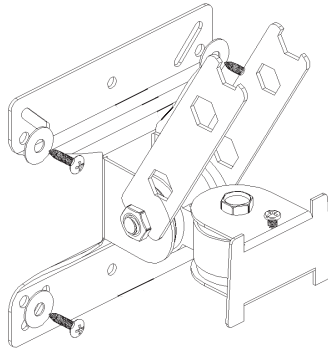
4.Align the slot on the back of the bird feeder with the card holder on the bracket, and insert it to complete the installation. If needed, you can tighten the small screw next to the card holder to secure the connection between the bird feeder and the bracket.
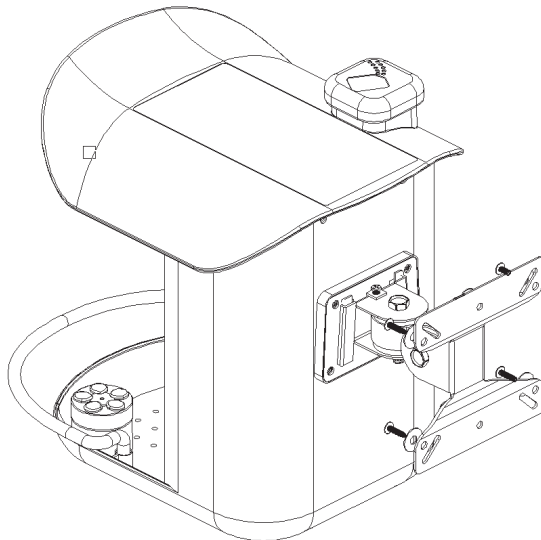
Installing the app

Download the iWFCam from APP Store or Google Play.The iWFCam App connects your camera to your Android or iOS mobile device ensuring you are always connected to what matters most. To get the App, search for "iWFCam"in the Google Play or App Store and download it.You can also use your mobile to scan the QR-Code to download the "iWFCam" App.
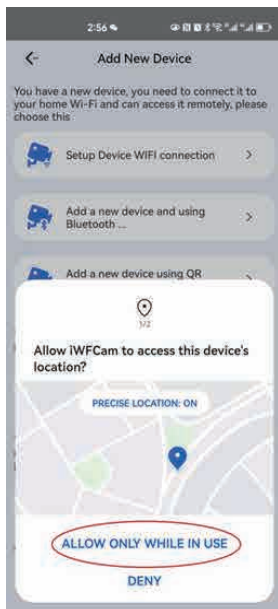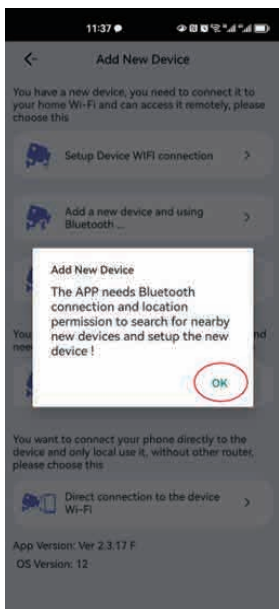

1.After opening the app and entering it， Please click"agree" [user agreement and privacy policy] and allow the iWFCam app to access your pictures and video, or it may lead to fail to connect to wifi.
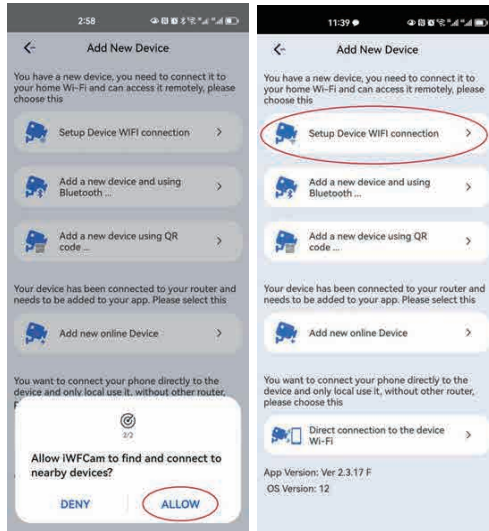
2.Click on the '+' to add a device."
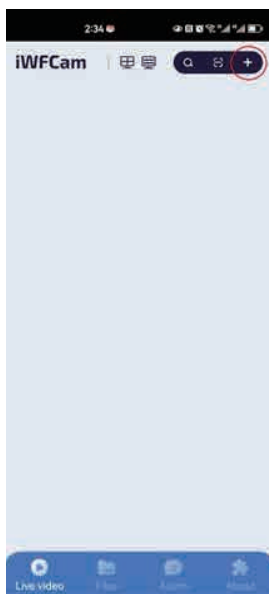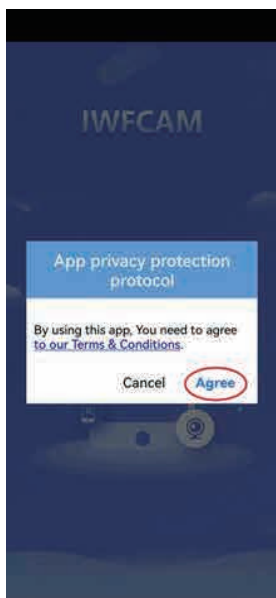
3.Click 'OK' to proceed to the next step."

4.Click 'ALLOW ONLY WHILE IN USE' to proceed to the next step."
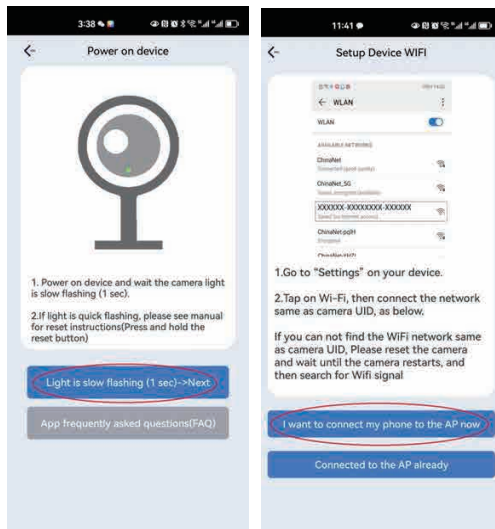
5.Click 'ALLOW' to proceed to the next step."

6.Select the first option "Setup Device WIFI connection" and proceed to the next step.

7.If the camera blue light is flashing slowly, it means that the camera is ready to be connected to the network. Click "Light is slow flashing(1 sec)->Next".

8.Click "I want to connect my phone to the AP now" to proceed to the next step.

9.Select the WiFi hotspot with the prefix "KCKJA**********".
10.Click "CONNECT" to connect and once the connection is
successful, click the arrow (←) on the top left corner to return
to the app interface.
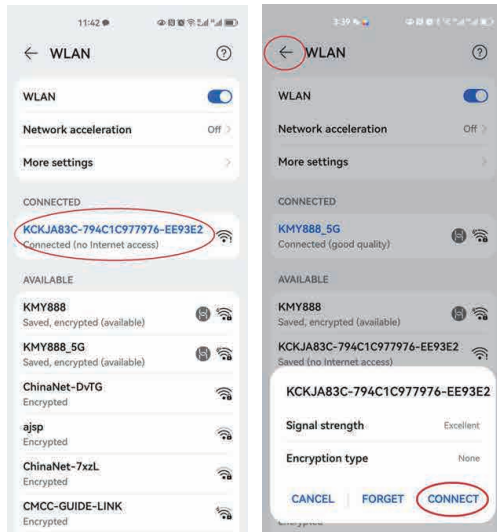
Note: The Android system will prompt you with the following
content. Please select "CONNECT" to proceed.

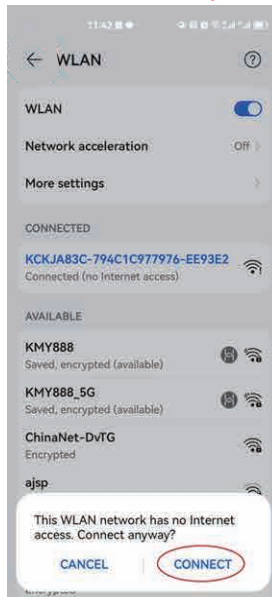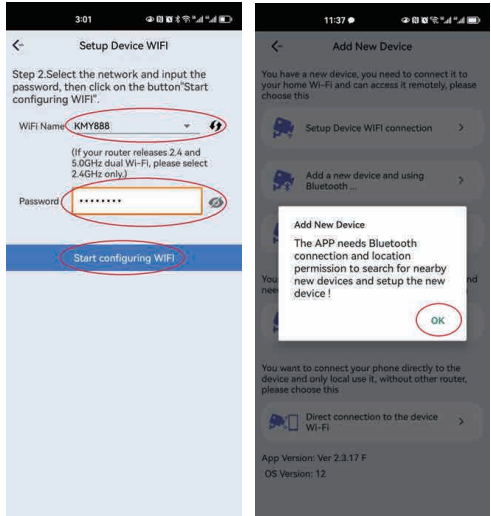11.Select your home WiFi (if not displayed, please click the double arrow on the right to refresh), enter the WiFi password (you can click the icon on the right to show the input content to ensure that the password is entered correctly), and click "Start configuring WIFI" and then "OK" to enter the camera's connection settings.

12.When the camera enters the network configuration setting, there will be a "beep" sound. After waiting for a while, there will be two "beep beep" sounds, indicating that the camera has been successfully set up for networking. Click "OK" to proceed.
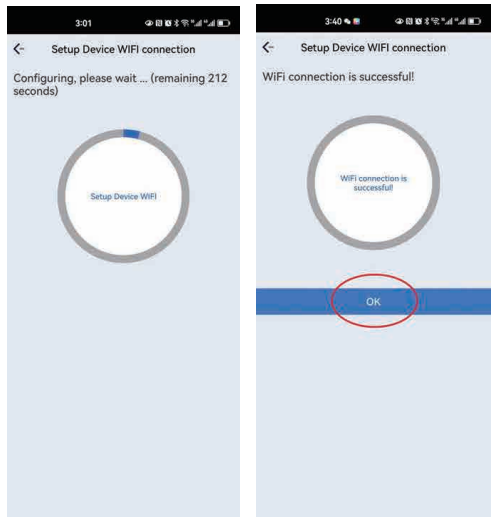
13.Once the camera is set up successfully, a green "Onling" icon will appear. Then click the middle triangle icon in the camera to refresh the camera image.

14.After clicking refresh, a popup window will appear. Please select "SKIP". The camera will display the image. "CHANGE" is for password modification, the camera's default password is: 8888.
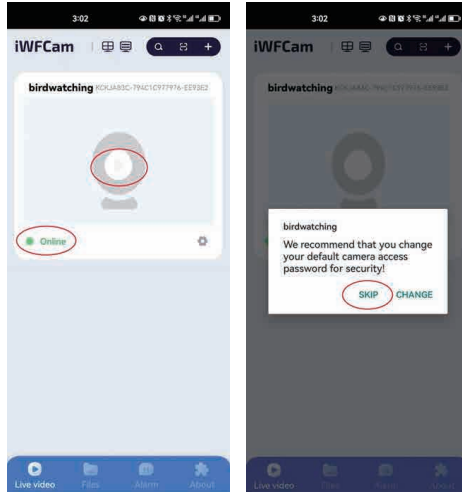
15.When the camera image appears, the setup is successful.
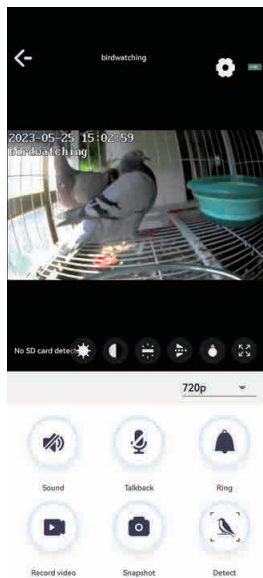
Camera interface features:
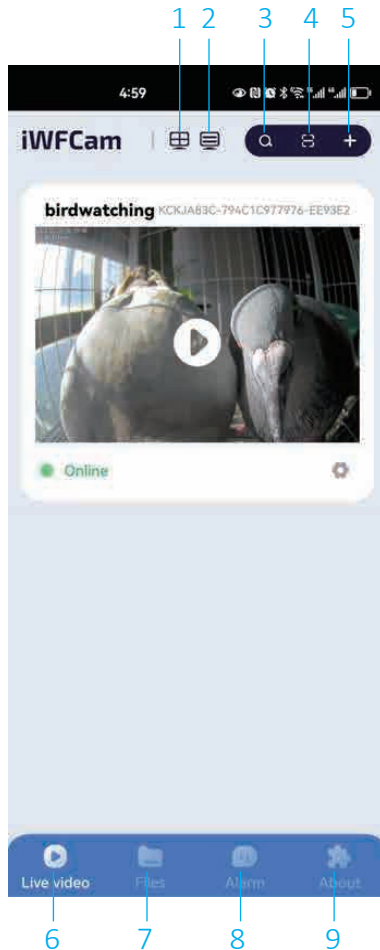
1.Display of four devices on one screen
2.Multi-device display
3.Device search
4.QR code scanning
5.Device addition
6.Live video
7.Video recording and photo storage folder
8.Alarm push notifications
9.App information

birdwatching

2023-05-25 15:02:59
birdwatching

No SD card detect

720p

3
2
1

4
5
6

7 — Sound

8 — Talkback

9 — Ring

10 — Record video

11 — Snapshot

12 — Detect
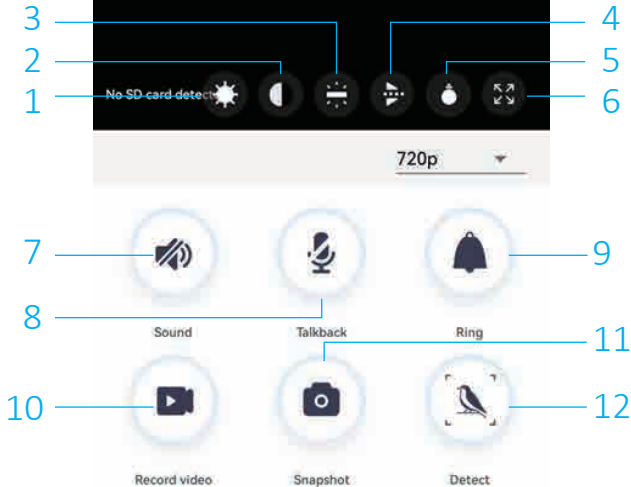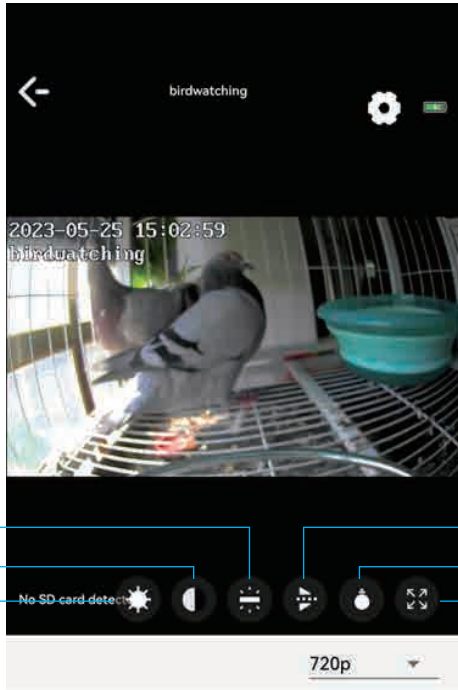
1.Brightness
2.Contrast
3.Saturation
4.Image vertical adjustment
5.Night vision light control
6.Landscape switch

7.Speaker
8.Microphone
9.Deterrent ringtone
10.Screen recording
11.Camera capture
12.AI recognition

Questions and Answers:

1.What to do if the connection setup fails？
a. Please ensure that the camera is within a strong WiFi network coverage area (recommended around 10 meters or 33 feet).
b. Verify if the WiFi name and password are correct. If not, press and hold the "RESET" button for 6 seconds until you hear a "beep" sound to reset the camera. Wait for approximately 20 seconds for the camera to reboot and emit the "beep" prompt sound before attempting the connection setup again.

2.What to do if the bird recognition fails and displays a 0% similarity?
If the bird is not clear or the angle, clarity, or completeness of the bird's physical features is poor, the camera might not be able to recognize the bird accurately or at all. Try to recognize the bird again when it appears from a more suitable angle and with clearer features. If the bird still cannot be recognized or is misidentified, it could be because the database is missing information on that particular bird species. Please send us the image or name of the bird, and we will add its information to our database and improve it.

3.How to get more information about the recognized bird?
After the bird is successfully recognized, click "More Details" in the bottom left corner to view the bird's encyclopedia information.

If you encounter any issues while using the smart bird feeder, please feel free to contact us via email. We will provide you with comprehensive after-sales service!

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 20cm between the radiator & your body.