

# SHARPER IMAGE®

## VIDEO CAMERA BIRD FEEDER BY SHARPER IMAGE

Item No. 212172

User Guide



Thank you for purchasing the Video Camera Bird Feeder by Sharper Image. Please take a moment to read this guide and store it for future reference.

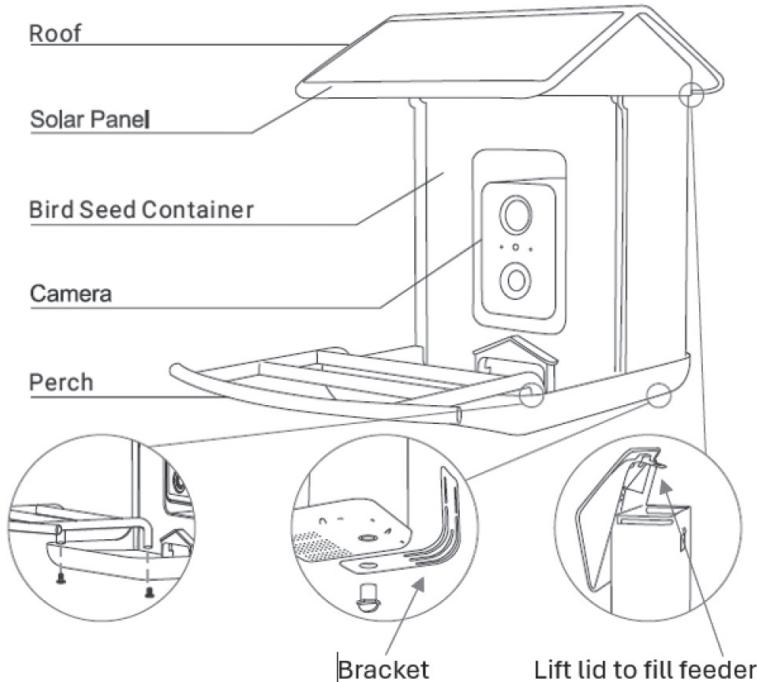
## INTRODUCTION

The Video Camera Bird Feeder by Sharper Image has built-in sensors to detect, identify and record up to 10,000 species of birds. When a bird lands, it identifies the bird and sends you images on your smartphone.

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## DESCRIPTION OF PARTS



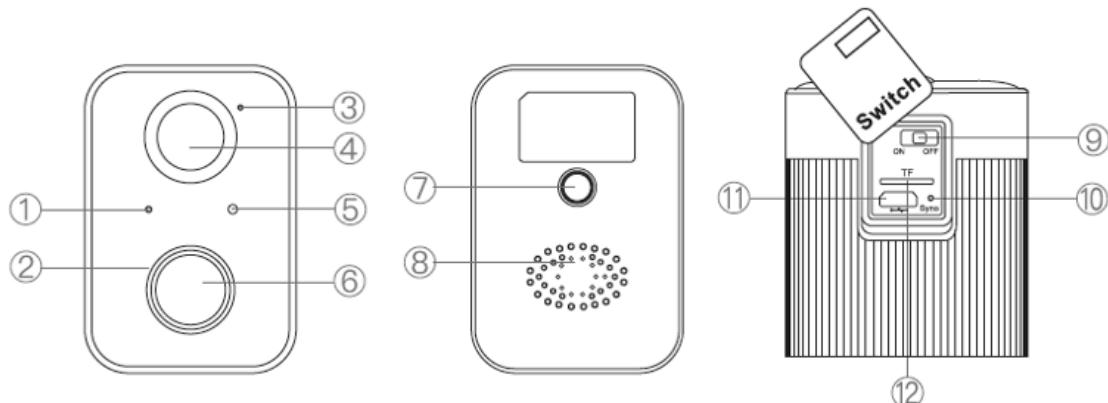
## SPECIFICATIONS

Item No.	212172
Detection	Dual-Action Motion and Accelerometer
Charging	USB and Solar Energy [USB charging cable included]
Power	5200 mAh Rechargeable Lithium Ion Battery
Camera	2 megapixel
Video	1080P HD Live Streaming Video
Built-in Microphone	Waterproof
Operating Temperature	-5°F to 120°F
Weather Resistant	Yes
Connectivity	802.11 b/g/n
Field of View	Wi-Fi connection @2.4 GHz
Dimensions	130°
	9.5" L x 8.7" W x 11" H

## SOLAR PANEL SPECIFICATIONS

IPCE	18±5%
Working Voltage [VMP]	5V±5%
Working Current [LMP]	350mA±5%
Open Circuit Voltage [VOC]	6.2V±5%
Short-Circuit Current [ISC]	420mA±5%

## CAMERA IDENTIFICATION



1. Status LED
2. Infrared LED
3. Microphone
4. Motion Sensor
5. Light Sensor
6. Lens
7. Mounting Hole
8. Speaker
9. Power ON / OFF
10. Sync / Reset
11. Charging Port
12. Memory Card Slot

## CAMERA SPECIFICATIONS

Power Supply	DC 5V2A
Power Consumption	2W [Max.]
Standby Current	<500uA
Battery Life	4-6 months
Battery Capacity	5200mAh
Image Quality	2 megapixel/1080P
Viewing Angle	130°
Night Vision Range	8m [Max]
Wireless Connection	2.4 GHz Wi-Fi IEEE 802.11 b/g/n
Anti-Flicker	50HZ 60HZ
Operating Temperature	-5F° to 120°F
Operating Humidity	10% ~ 95% non-condensing

## LED INDICATOR LIGHT STATUS

Red light on continuously	Booting up
Red light fast blinking	Waiting for network setting
Green light fast blinking	Network connecting
Green light on continuously	Network connected
Red light slow blinking	Abnormal status - need to reset
Yellow light on continuously	Firmware upgrading
White light on continuously	Battery charging
White light off	Battery fully charged

## NOTES BEFORE INSTALLATION

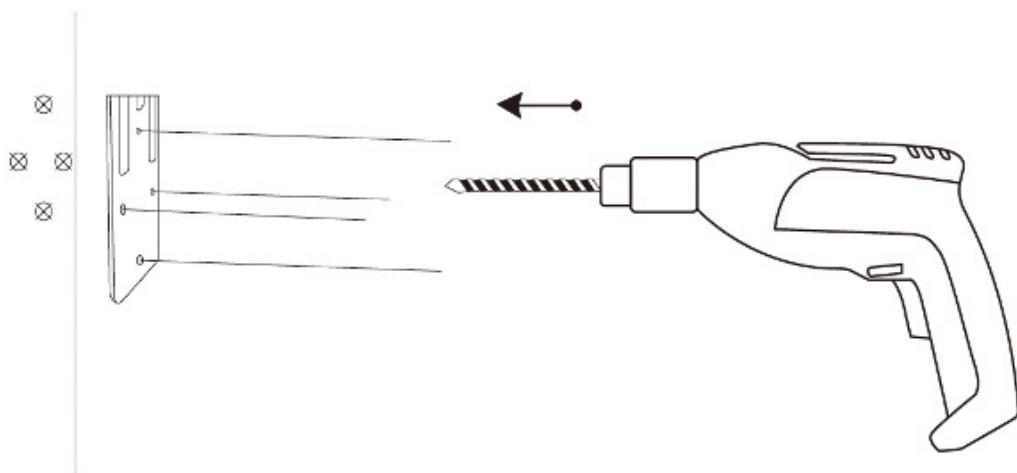
1. Keep this device out of reach of children and pets.
2. Make sure the camera has been fully charged [DC 5V/2A]. We recommend charging the camera indoors via type C and correct adapter at first. Once it is set up, you can plug the type C charging cable directly into the solar panel for continuous hassle-free charging.
3. Working temperature -5F° to 120°F.
4. Working relative humidity 10% ~ 95%.
5. Do not expose the camera lens to direct sunlight.
6. The camera is rated IP65 waterproof for use in the rain or snow. However, do please not submerge the camera in water.

### PLEASE NOTE:

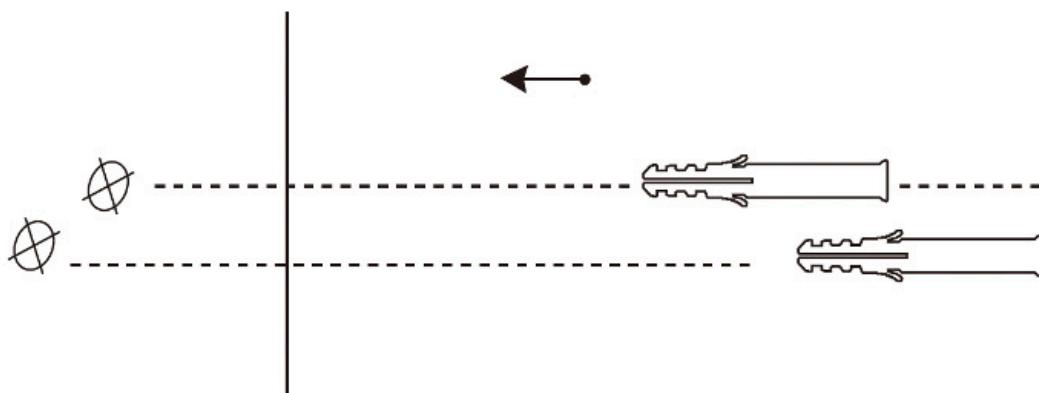
- This device will not connect to a 5G [5GHz] Wi-Fi frequency. You must have a 2.4GHz router or a dual-band [2.4GHz + 5G] router and enable both bands. Consult your router instructions for details.
- Strong lights may interfere with scanning the QR Code.
- Avoid placing this device behind furniture or near a microwave oven.
- Keep this device within your Wi-Fi network range.

## ASSEMBLING THE DEVICE

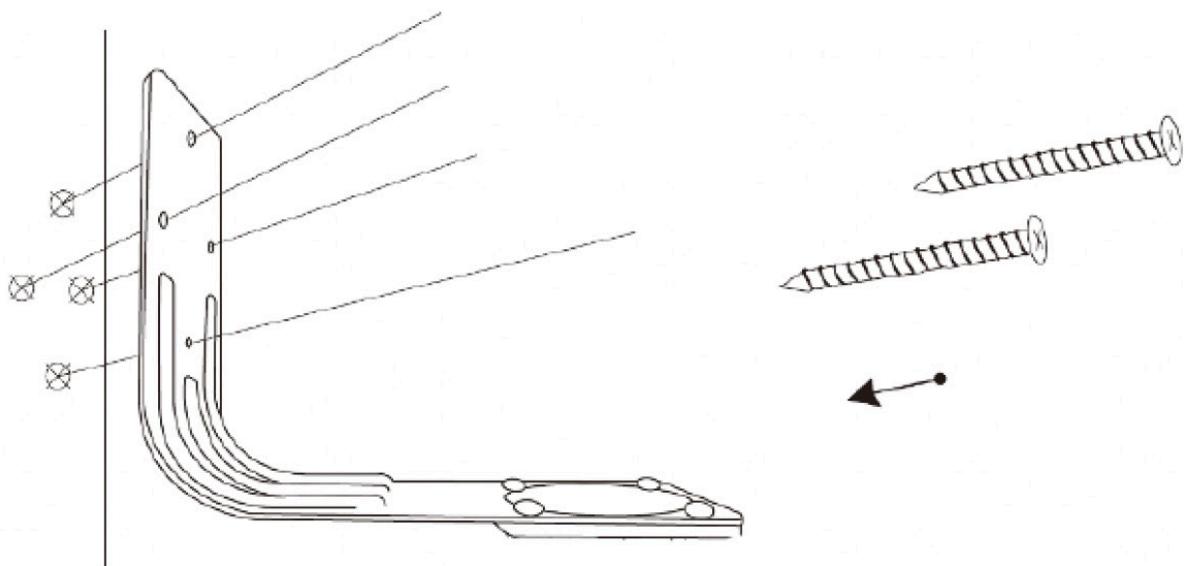
1. Use the provided template to mark the holes on your wall. Use a drill to drill the 4 holes indicated.



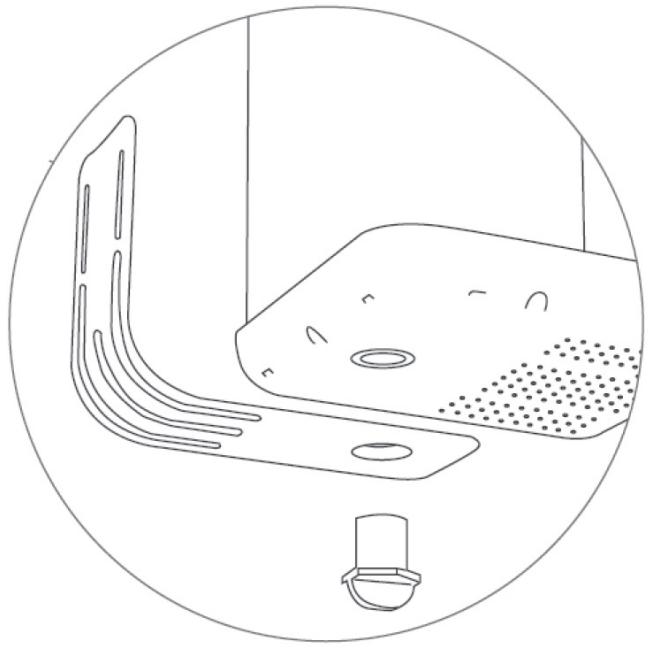
2. Install the included wall anchors as shown.



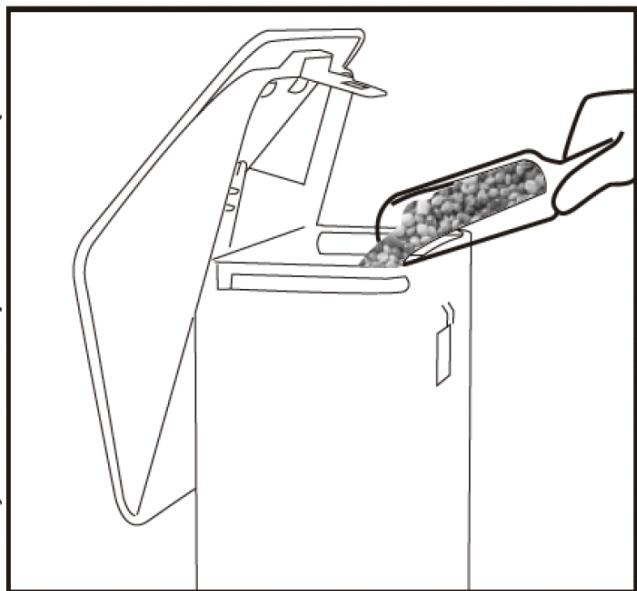
3. Use the included screws to mount the bracket as shown.



4. Place the feeder on the bracket and secure it using screw/ring from the accessories bag.



5. Open the roof and fill with bird seed.



## DOWNLOADING THE APP

To download the required app, scan the QR Code below or search for the BIRD LOVER app in the iTunes App Store or Google Play. Once downloaded, the app will ask you to register your device. You will receive an email or text with a registration code. You will then be able to create a password.



## WI-FI CONNECTION

Open the app on your device. In the “ADD DEVICE” screen, click “Add Device” or “+” to add your Bird Feeder. [SEE FIG. 1.]

Select any “Smart Bird Feeder” icon to add your device. Turn on the Bird Feeder and make sure the Red LED is flashing quickly. Then, follow the instructions in the app to add the device. [SEE FIG. 2.]

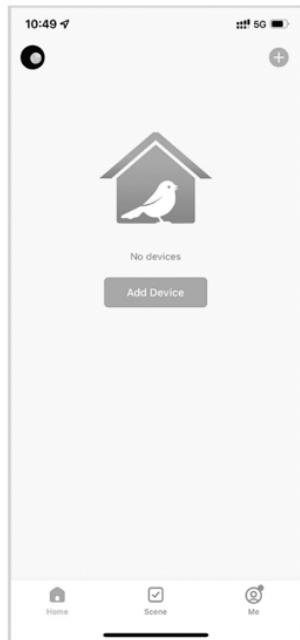


FIG. 1

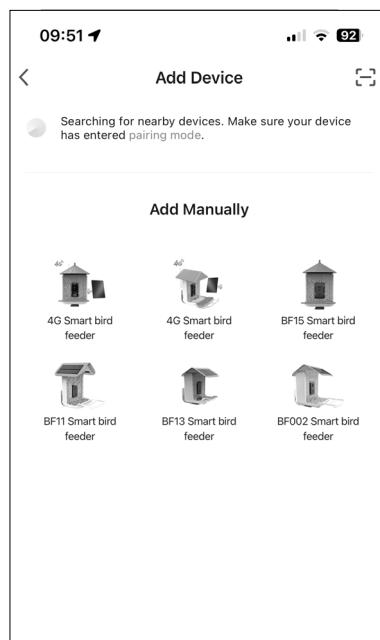
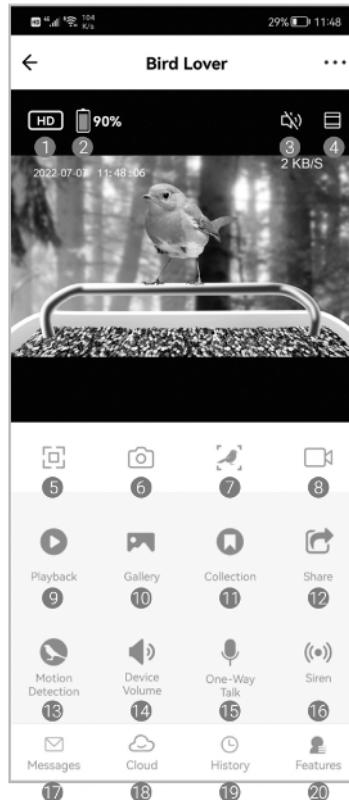


FIG. 2

## USING THE APP

1. Sharpness adjustment. Choose High Definition (HD) or Standard Definition (SD).
2. Battery level remaining
3. Voice switch
4. Zoom in on the screen
5. Screen orientation (horizontal or vertical)
6. Take photo
7. Bird recognition
8. Video function
9. Playback previous clips
10. View saved photos or videos
11. Review bird collection
12. Share
13. Motion detection (click to turn On or Off)
14. Device volume
15. One-way talk
16. Anti-squirrel siren
17. Notification
18. Cloud storage service
19. History of bird identifications
20. Personal settings

## FREQUENTLY ASKED QUESTIONS



### 1. Does this device need Wi-Fi to operate?

Yes, the Video Camera Bird Feeder by Sharper Image requires a Wi-Fi connection. It uses a 2.4GHz Wi-Fi connection to stream videos to your mobile device.

### 2. Does this device have local storage?

If you insert the included memory card or buy iCloud service in the app, it will have local storage, which you can use to store, view and play back your photos and videos.

### 3. Can more than one person connect to a Bird Feeder?

Only one person can directly connect to one bird feeder. However, you can share the device with other users and set up different accounts. Each account will have different data.

### 4. What languages are available?

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

### 5. How long does the battery last?

Depending on how often the camera is used, the battery can last up to 3 months in standby mode on a full charge.

### 6. How is the battery charged?

The battery can be charged indoors via USB. Or, you can connect the included charging cable to the solar panel for continuous charging during daylight hours. You should decide which option is best for you based on your weather conditions.

## 7. Why are there no saved videos, even after I inserted a memory card or purchased Cloud storage through the app?

Please adjust the recording settings after you insert the memory card or bought Cloud service. Then, the camera will automatically record videos when motion is detected.

## 8. Why did my device misidentify a bird?

The result accuracy depends on the angle and clarity of the bird pictures. To ensure you get a correct result, please ensure the picture is clear enough, the identifying features [bird head, tail, wings or pattern on feathers] are 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. See the image below for optimum photo angle.



Optimum angle for accurate bird identification.

## WARRANTY AND CUSTOMER SERVICE

This item from SharperImage.com includes a 1-year limited replacement warranty. If you have any questions not covered in this guide, please call our Customer Service department at 1 (877) 210-3449. Customer Service agents are available Monday through Friday, 9:00 a.m. to 6:00 p.m. ET.

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