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Osoeri OS-BC02

Osoeri Bird Feeder with Camera User Manual

Model: OS-BC02

Brand: Osoeri

1. PRODUCT OVERVIEW

The Osoeri Bird Feeder with Camera is designed to enhance your bird-watching experience by providing real-time video and AI-powered bird identification. This solar-powered device captures and records bird activity, sending instant alerts to your smartphone. Its durable, weatherproof construction ensures reliable operation in various outdoor conditions.



Figure 1: Osoeri Bird Feeder with Camera (Green model)

2. INCLUDED COMPONENTS

Please verify that all the following components are included in your package:

- Osoeri Bird Feeder Unit with integrated camera housing
- Rechargeable Camera Unit (5200mAh battery included)
- Solar Panel with mounting bracket and cable
- Wi-Fi Antenna
- Mounting Accessories (Velcro strap for tree mounting, screws and anchors for wall/pole mounting, hex key)
- USB-C Charging Cable
- User Manual (this document)

3. SETUP GUIDE

3.1 Camera Installation

1. Carefully unbox the camera unit.
2. Insert the camera unit into the designated housing within the bird feeder. Ensure it is securely seated.
3. Attach the Wi-Fi antenna to the camera unit.



Figure 2: Product Dimensions and Camera Placement

3.2 Mounting the Bird Feeder

The Osoeri Bird Feeder offers multiple mounting options:

- **Tree Mounting:** Use the provided Velcro strap to secure the feeder to a tree trunk. Ensure the strap is tight and the feeder is stable.
- **Wall/Pole Mounting:** Utilize the included screws and anchors to attach the feeder to a wall or a sturdy pole. Refer to the mounting template for precise hole placement.

3.3 Solar Panel Installation

1. Mount the solar panel in a location that receives direct sunlight for most of the day.
2. Connect the solar panel cable to the charging port on the camera unit.

Solar Power & USB-C Charging



Figure 3: Solar Panel Connection and Charging

3.4 App Installation and Wi-Fi Connection

1. Download the dedicated companion app from your smartphone's app store.
2. Follow the in-app instructions to create an account and add your Osoeri Bird Feeder.
3. Ensure your smartphone is connected to a 2.4G Wi-Fi network during the pairing process. The feeder does not support 5Ghz Wi-Fi.
4. Verify a stable Wi-Fi connection for optimal performance.

4. OPERATING INSTRUCTIONS

4.1 Filling the Bird Feeder

To fill the feeder, lift the red roof section. Pour birdseed into the 1.6L capacity container. The seed

will automatically dispense into the feeding tray below. Close the roof securely to protect the seed from weather.

4.2 Camera Features and App Usage

- **Live View:** Access the live video feed from your smartphone app to observe birds in real-time.
- **AI Bird Identification:** The camera's advanced AI can identify over 11,000 bird species. Information about identified birds will be available in the app.
- **Real-time Alerts:** Receive instant notifications on your phone when a bird or other animal is detected at the feeder.
- **Auto Capture:** The camera automatically captures videos and images of visiting birds.
- **Two-Way Audio:** Use the integrated microphone and speaker to listen to bird sounds or deter unwanted visitors like squirrels or raccoons.
- **Storage:** Enjoy 30 days of free cloud storage for videos and pictures. Alternatively, you can store recordings on a TF card (not included).
- **Sharing:** Share access to your device with friends and family, or share captured videos and images directly to social media through the app.

AI Bird Identification



Figure 4: AI Bird Identification Feature

Real-time Notifications on Devices

Bird watching from home
motion detection

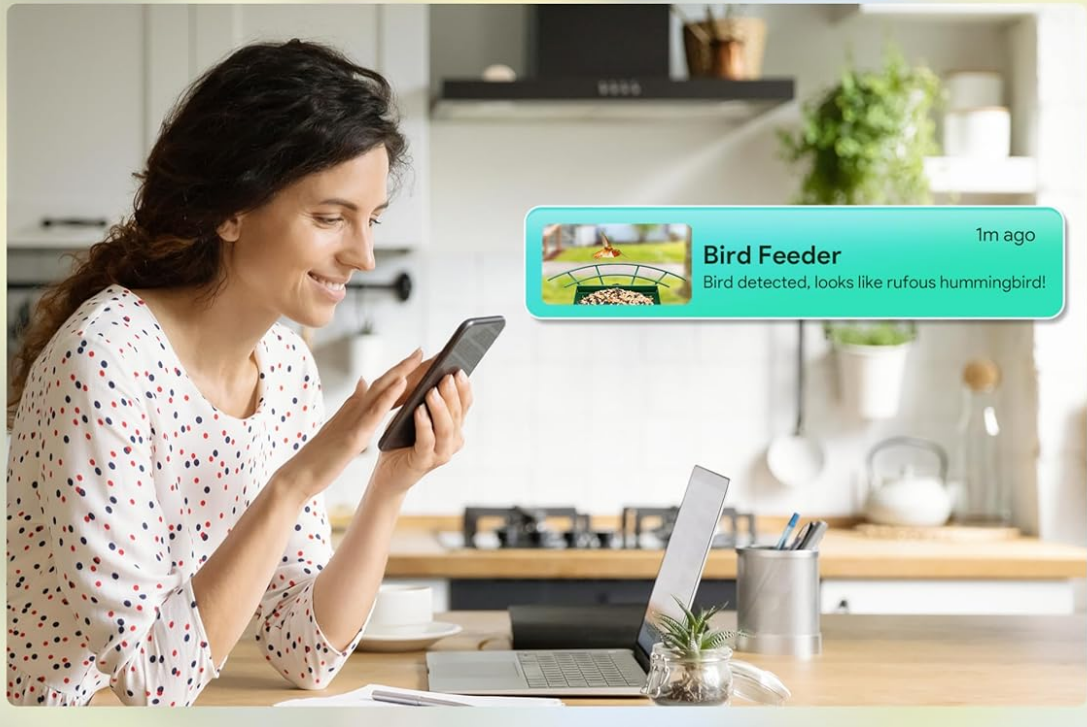


Figure 5: Real-time Notifications on Devices

Decent Image Quality



1080P resolution



Wide angled lens



Colour night vision



4x magnification



Figure 6: Decent Image Quality (Day and Night)

Watch, Save and Share All the Fun



Cloud storage
(30-day free)



128G micro
SD card
(not included)



Figure 7: Watch, Save, and Share Features

5. MAINTENANCE

- **Cleaning:** Regularly clean the bird feeder and camera lens to ensure clear visibility and hygiene for birds. Use a soft, damp cloth for the camera lens.
- **Refilling:** Monitor the seed level and refill the 1.6L container as needed. The large capacity reduces the frequency of refills.
- **Charging:** The solar panel provides continuous power. If the battery level drops significantly due to prolonged cloudy weather or heavy usage, you can use the provided USB-C cable to charge the camera unit.



Figure 8: Bird-Friendly Design and Features

6. TROUBLESHOOTING

- **Wi-Fi Connection Issues:** Ensure your router is broadcasting a 2.4Ghz signal. Move the feeder closer to your Wi-Fi router if signal strength is weak. The 5dB antenna helps maintain a stable connection.
- **Battery Not Charging:** Verify the solar panel is positioned to receive maximum direct sunlight. Check the connection between the solar panel and the camera. If issues persist, charge the camera directly using the USB-C cable.
- **Inaccurate AI Identification:** While the AI identifies over 11,000 species, environmental factors or partial views may occasionally affect accuracy. Ensure the camera lens is clean and unobstructed.
- **No Motion Detection:** Check the motion detection sensitivity settings in the app. Ensure the

camera's view is clear of obstructions that might block detection.

7. SPECIFICATIONS

Feature	Detail
Brand	Osoeri
Model Number	OS-BC02
Target Species	Bird
Material	Metal
Special Features	Heavy Duty, Weatherproof (IP65)
Mounting Type	Tree/Wall/Pole
Product Dimensions	8.07"L x 7.68"W x 10.43"H
Power Source	Solar Powered/USB Powered
Battery	1 Lithium Ion battery (included)
Capacity	0.42 Gallons (approx. 1.6 Liters)
Item Weight	7.61 Pounds

8. SAFETY INFORMATION

Always follow general safety precautions for bird feeders, such as avoiding harmful food types, securing the feeder, and handling it safely. Place the solar panel in a safe location where it can receive sunlight unobstructed.