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## Loatos B8

# Loatos Smart Bird Feeder with Camera (Model B8) User Manual

Model: B8

## 1. INTRODUCTION

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Welcome to the Loatos Smart Bird Feeder with Camera. This device allows you to observe and interact with wild birds in your garden through a high-definition camera, AI bird identification, and real-time notifications. This manual provides detailed instructions for setting up, operating, and maintaining your bird feeder to ensure optimal performance and an enjoyable birdwatching experience.

## 2. PACKAGE CONTENTS

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Please verify that all components are present in your package:

- Smart Bird Feeder Unit with Camera
- 3W Solar Panel with Mounting Bracket
- USB Charging Cable
- Mounting Hardware (screws, anchors, strap)
- Screwdriver
- User Manual



Figure 2.1: All components included in the Loatos Smart Bird Feeder package.

### 3. PRODUCT FEATURES

- **AI Bird Identification:** Equipped with advanced AI technology capable of identifying over 10,000 bird species. Includes a 1-year trial for AI recognition and provides instant access to Wikipedia information for identified birds.

# ONE Year Trial AI Identify 10000+ Species

1 AI  
year  
trial

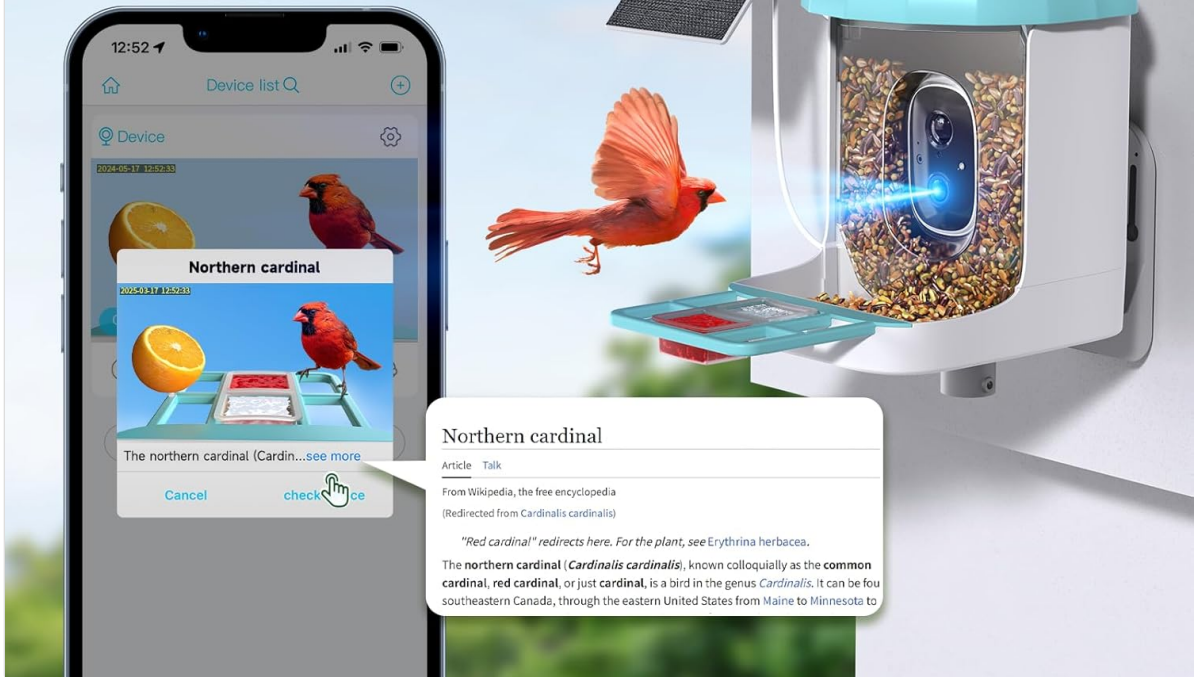


Figure 3.1: AI bird identification feature displaying species information.

- **HD Live View & Real-Time Alerts:** Features a 135° wide-angle, high-definition camera for live streaming. Receive instant notifications on your mobile app when birds are detected. The built-in microphone captures bird sounds.

# HD Clear Live Video

See Every Detail Day and Night



Figure 3.2: HD live video feed from the bird feeder camera.

# Never Miss a Bird's Coming

Auto-capture & Real-Time Notification

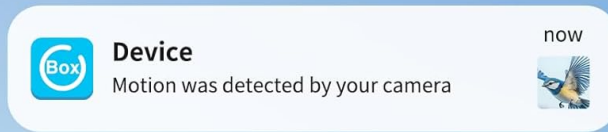


Figure 3.3: Example of a real-time notification from the mobile app.

- **IP65 Weatherproof Design:** Constructed with an IP65 waterproof rating, including a rainproof roof and drainage food tray, to protect feed and electronics from weather elements.

# Holds Up in Any Weather

## **IP65** waterproof



Figure 3.4: The bird feeder's IP65 waterproof design in rainy conditions.

- **Solar Power & Rechargeable Battery:** Features a 3W adjustable solar panel and a built-in 5200mAh rechargeable battery for continuous operation. The solar panel helps maintain battery charge, reducing the need for manual recharging.

# 365 Days of Uninterrupted Power



  
Solar Panel  
Powered

  
Rechargeable  
Battery

Figure 3.5: Solar panel and rechargeable battery system for continuous power.

- **Uninvited Visitor Deterrence:** The camera includes an audible alarm and a built-in microphone, which can be used to deter unwanted animals like squirrels or raccoons.



Figure 3.6: Deterrence features for uninvited visitors.

## 4. INSTALLATION GUIDE

### 4.1 Choosing a Location

Select a location that offers a clear view of birds, is easily accessible for refilling, and receives adequate sunlight for the solar panel. Ensure the location is within range of your 2.4GHz Wi-Fi network.

### 4.2 Mounting Options

The bird feeder can be mounted using a bracket, directly to a wall, or strapped to a tree. Use the provided mounting hardware appropriate for your chosen surface.

- **Bracket Mount:** Attach the feeder to a pole or post using the bracket.
- **Wall Mount:** Secure the feeder directly to a wall using screws and anchors.
- **Tree Mount:** Use the provided strap to secure the feeder to a tree trunk.

### 4.3 Assembling the Feeder

1. Attach the solar panel to its adjustable bracket.
2. Connect the solar panel cable to the designated port on the bird feeder.

3. Secure the feeder to your chosen mounting surface using the appropriate hardware.
4. Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day.

## 5. APP SETUP & WI-FI CONNECTION

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### 5.1 Initial Charging

Before first use, fully charge the bird feeder's internal battery using the provided USB cable. Connect it to a standard USB power adapter (not included).

### 5.2 App Download and Installation

1. Scan the QR code in the manual or search for the 'Loatos Bird Feeder' app in your smartphone's app store (iOS/Android).
2. Download and install the app.
3. Register for an account or log in if you already have one.

### 5.3 Connecting to Wi-Fi

**Note: The device only supports 2.4GHz Wi-Fi networks. 5GHz Wi-Fi is not supported.**

1. Power on the bird feeder.
2. Open the Loatos app and follow the on-screen instructions to add a new device.
3. Select your 2.4GHz Wi-Fi network and enter the password.
4. The app will guide you through pairing the device, typically involving scanning a QR code displayed on your phone with the feeder's camera.
5. Once connected, the device status in the app will indicate 'Online'.

## 6. OPERATION

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### 6.1 Live Viewing

From the app's main screen, select your bird feeder to access the live video feed. You can view birds in real-time, day or night, and listen using the built-in microphone.

### 6.2 Recording & Storage

The camera records videos when motion is detected. These recordings can be stored in two ways:

- **Cloud Storage:** A 30-day trial is included. After the trial, a subscription may be required.
- **Memory Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot for local storage.

### 6.3 AI Bird Identification

When a bird is detected, the AI system will attempt to identify its species. You will receive a notification with the identified species and a link to its Wikipedia page for more information. This feature includes a 1-year trial.

### 6.4 Notifications

Configure notification settings in the app to receive alerts for motion detection, low battery, or other events. You can customize notification frequency and type.

## 6.5 Sharing Access

The app supports sharing access to your bird feeder's live feed and recordings with up to 10 users. Up to 4 users can watch online simultaneously. Follow the app's instructions to invite family and friends.

## 7. MAINTENANCE

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### 7.1 Cleaning the Feeder

Regularly clean the bird feeder to prevent mold and bacterial growth, which can harm birds. Disassemble the food tray and reservoir, wash with warm soapy water, rinse thoroughly, and dry completely before refilling.

### 7.2 Camera Lens Care

Gently wipe the camera lens with a soft, clean cloth to remove dust or smudges. Avoid abrasive materials that could scratch the lens.

### 7.3 Solar Panel Maintenance

Ensure the solar panel remains clean and free of debris (leaves, dirt, snow) to maximize charging efficiency. Periodically wipe it with a damp cloth.

### 7.4 Refilling Bird Seed

The feeder has a 2L capacity. Monitor the seed level through the transparent reservoir and refill as needed to ensure a continuous food supply for birds.

## 8. TROUBLESHOOTING

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- **Device not connecting to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4GHz. 5GHz networks are not supported.
- Check that the Wi-Fi password is entered correctly.
- Move the feeder closer to your Wi-Fi router to improve signal strength.
- Restart your router and the bird feeder.

- **Poor image quality:**

- Clean the camera lens.
- Ensure adequate lighting in the area.
- Check your Wi-Fi connection speed.

- **Battery not charging:**

- Ensure the solar panel is clean and receiving direct sunlight.
- Check the connection between the solar panel and the feeder.
- If the battery is completely depleted, it may require initial charging via USB.

- **AI identification not working:**

- Ensure your 1-year trial is active.
- Verify the camera has a clear view of the bird.
- Check for app updates.

## 9. SPECIFICATIONS

Feature	Specification
Brand	Loatos
Model Number	B8
Target Species	Blue Jay (General)
Special Feature	Built-In Camera, AI Bird Identification
Mounting Type	Freestanding, Wall Mount, Tree Mount
Product Dimensions	1"L x 1"W x 1"H (Approximate)
Power Source	Solar Powered, Rechargeable Battery (5200mAh)
Solar Panel	3W
Capacity	2 Liters
Waterproof Rating	IP65
Wi-Fi Compatibility	2.4GHz (5GHz not supported)
Storage Options	Cloud Storage (30-day trial), Micro SD Card (up to 128GB)

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or the official Loatos website. Keep your purchase receipt as proof of purchase.