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Loatos B0

Loatos Smart Bird Feeder with Camera User Manual

Model: B0

1. INTRODUCTION

Thank you for choosing the Loatos Smart Bird Feeder with Camera. This device allows you to observe and interact with wild birds in your backyard through a high-definition camera, AI bird identification, and real-time alerts. This manual provides essential information for the proper setup, operation, and maintenance of your bird feeder. Please read it thoroughly before use.

2. SAFETY INFORMATION

- Ensure the device is securely mounted to prevent falling and potential injury or damage.
- Keep the device away from open flames or extreme heat sources.
- Do not attempt to disassemble or modify the device. Refer all servicing to qualified personnel.
- Use only the provided charging cable and power source.
- While the device is IP65 waterproof, avoid submerging it in water.
- Keep small parts and accessories out of reach of children and pets.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Loatos Smart Bird Feeder Unit with Camera
- Solar Panel (3W)
- Mounting Bracket and Screws

- USB Charging Cable
- Fruit Forks (for attracting specific birds)
- Jelly Feeder Cups
- User Manual (this document)



Image 3.1: Included components and product dimensions. The image displays the bird feeder, solar panel, mounting hardware, USB cable, fruit forks, jelly cups, and the user manual, along with key dimensions of the feeder.

4. PRODUCT OVERVIEW

4.1 Key Features

- **2K Live Video:** High-resolution video streaming for clear bird observation.
- **AI Bird Identification:** Recognizes up to 10,000 bird species (subscription may be required for full functionality).
- **2.4GHz WiFi Connectivity:** Stable wireless connection for seamless streaming (5GHz WiFi is not supported).
- **Solar Powered:** Equipped with a 3W solar panel and a 5200mAh rechargeable battery for continuous operation.

- **Motion Detection & Instant Alerts:** Receive real-time notifications on your smartphone when birds arrive.
- **Two-Way Audio & Siren Alarm:** Listen to birds, speak through the feeder, or activate a siren to deter unwanted visitors like squirrels.
- **IP65 Waterproof:** Designed to withstand various weather conditions.
- **2L Large Capacity:** Ample space for bird food, reducing refill frequency.
- **DIY Add-ons:** Includes fruit forks and jelly feeder cups to attract a wider variety of birds.
- **Cloud & SD Card Storage:** Supports 3-day loop cloud recording (2-year trial included) or local storage via an SD card (up to 128GB, not included).
- **Multi-User Sharing:** Share live views and recordings with up to four other users simultaneously.
- **Infrared Night Vision:** Allows for clear observation of nocturnal bird activity.



Image 4.1: The Loatos Smart Bird Feeder with Camera, showcasing its integrated solar panel and a live view of a bird on a smartphone screen.

5. SETUP

5.1 Mounting the Feeder

The bird feeder can be mounted in various ways:

- **Pole Mount:** Attach the feeder to a suitable pole using the provided mounting bracket and screws.
- **Tree/Wall Mount:** Use the included strap or screws to secure the feeder to a tree trunk or wall. Ensure the mounting surface is stable and can support the feeder's weight when full.

Position the feeder in an area with clear visibility for the camera and sufficient sunlight exposure for the solar panel.

5.2 Powering the Device

- **Initial Charge:** Before first use, fully charge the feeder's internal battery using the provided USB cable. Connect the cable to the charging port on the feeder and a standard USB power adapter (not included).
- **Solar Panel Placement:** Ensure the solar panel is positioned to receive direct sunlight for several hours daily. This will continuously charge the internal 5200mAh battery, minimizing the need for manual recharging.



Image 5.1: Visual representation of the feeder's power features, including 2.4GHz WiFi, 3W solar panel, and 5200mAh rechargeable battery, ensuring continuous operation.

5.3 App Installation and Connection

1. **Download the App:** Scan the QR code provided in the quick start guide or search for the companion app (e.g., "Vico Home" or similar, refer to packaging) in your smartphone's app store (iOS or Android).
2. **Create an Account:** Follow the in-app instructions to create a new user account.
3. **Add Device:** Power on the bird feeder. In the app, select "Add Device" and follow the prompts to connect the feeder to your 2.4GHz WiFi network. *Note: 5GHz WiFi networks are not supported.*
4. **Pairing:** The app will guide you through the pairing process, which typically involves scanning a QR code displayed on your phone with the feeder's camera.

5.4 Filling the Feeder

- Open the top lid of the feeder.
- Fill the main compartment with your preferred bird seed. The feeder has a 2L capacity.
- Attach the fruit forks and jelly feeder cups to the designated slots on the perching stand if desired, and place fruit slices or jelly in them to attract a wider variety of birds.
- Close the lid securely to protect the food from weather and pests.

6. OPERATION

6.1 Live Video Streaming

Open the companion app on your smartphone. Select your bird feeder from the device list to view a live 2K video stream of the activity at your feeder. You can access this anytime, anywhere with an internet connection.

Watch Special Visitor Clearly Anytime

Watch the birds clearly via phone anytime and anywhere with 2K Pixel.



Image 6.1: A smartphone displaying a 2K live video feed from the bird feeder, showing a bird clearly.

6.2 AI Bird Identification

When a bird visits the feeder, the AI recognition system will attempt to identify the species. This information will be displayed within the app, often with links to learn more about the identified bird. *Note: Full AI identification features may require an in-app subscription.*

AI Birds Identify 10000+ Species

Exclusive AI identification functions(needs to subscription)
step into the world of your birds neighbors!

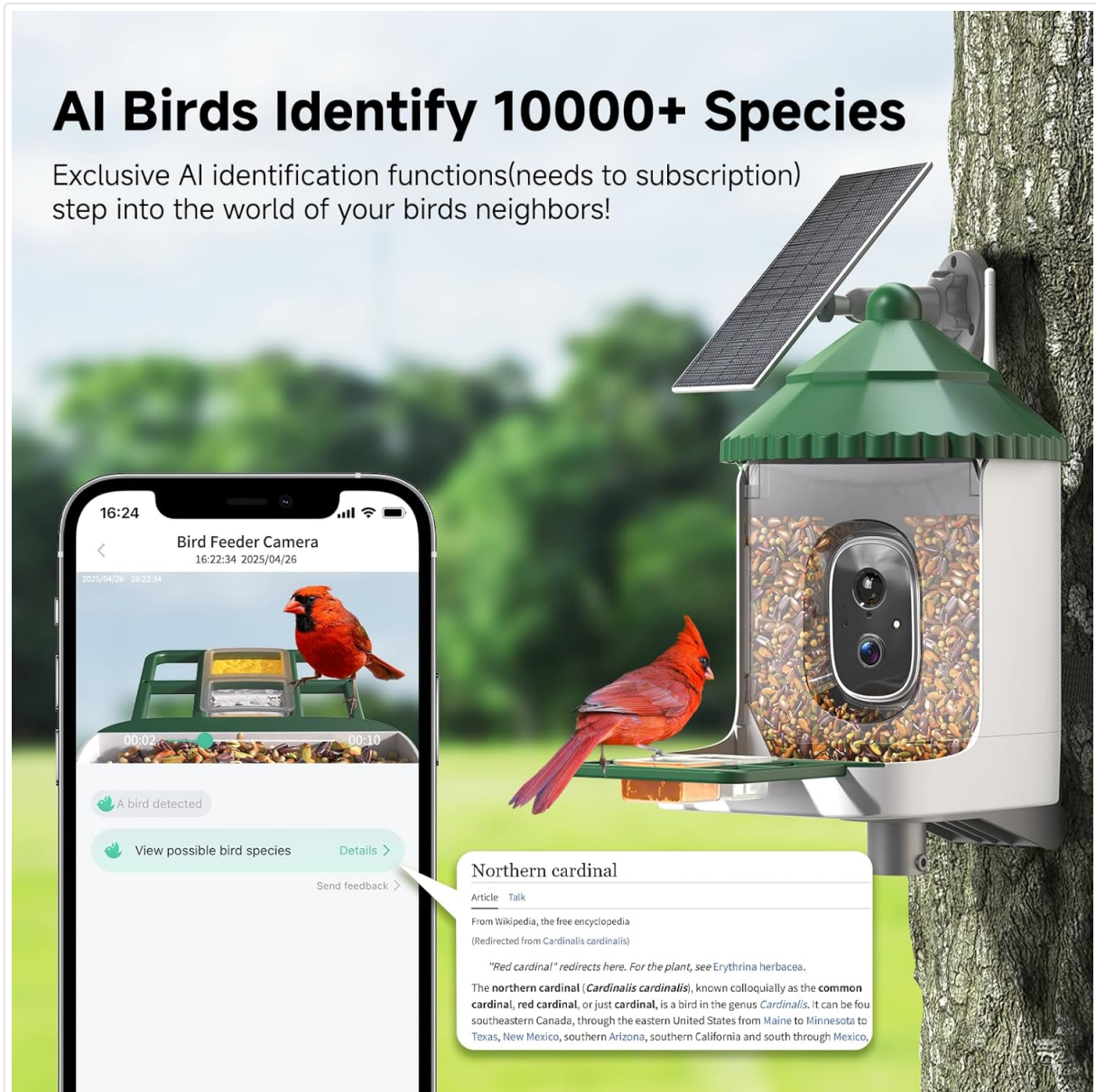


Image 6.2: A smartphone screen showing the AI identification feature, displaying information about a Northern Cardinal detected by the feeder's camera.

6.3 Instant Notifications

The feeder's motion detection system will automatically capture images or video clips of visiting birds and send instant notifications to your smartphone via the app. This ensures you never miss a moment of activity.

Instant Notification of Birds Arrival

Never miss any exciting Capture!

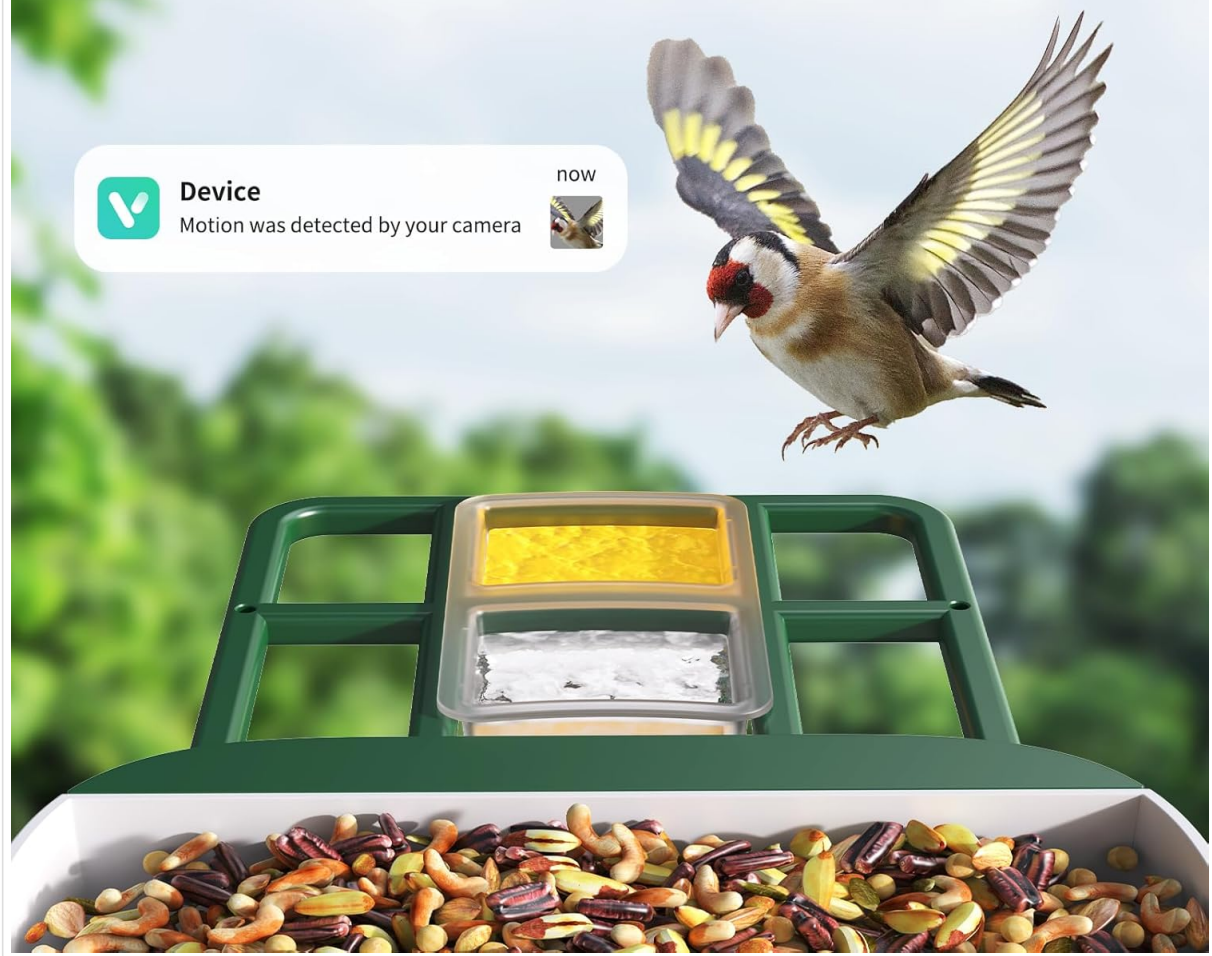


Image 6.3: A smartphone displaying an instant notification from the bird feeder app, indicating motion detection by the camera.

6.4 Two-Way Audio and Siren Alarm

- **Two-Way Audio:** Use the app to listen to the sounds around the feeder or speak through the feeder's built-in speaker.
- **Siren Alarm:** If unwanted visitors, such as squirrels, are detected, you can activate an audible siren through the app to deter them.

Scare Away squirrels with Siren Alarm



Audible Alarm



Press to speak



Enjoy Your Surprise

Listen to the happiness of the bird neighbor.



Image 6.4: The bird feeder with a squirrel near it, illustrating the audible alarm and two-way talk features to deter pests.

6.5 Recording and Storage

- **Cloud Storage:** The feeder includes a 2-year trial for 3-day loop cloud recording, allowing you to review past events.
- **SD Card Storage:** For local storage, insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera.

6.6 Sharing Access

You can share access to your bird feeder's live stream and recordings with up to four other individuals through the companion app. This allows family and friends to enjoy birdwatching simultaneously.

7. MAINTENANCE

7.1 Cleaning the Feeder

- Regularly clean the bird feeder to prevent the spread of diseases among birds and to ensure clear camera views.
- Remove old seed and debris. Wash the feeder components with warm, soapy water. Rinse

thoroughly and allow to dry completely before refilling.

- Gently wipe the camera lens with a soft, damp cloth to remove any dirt or smudges.

7.2 Battery and Solar Panel Care

- Ensure the solar panel remains clean and free of obstructions (e.g., leaves, dirt) to maximize charging efficiency.
- Periodically check the solar panel's position to ensure it receives optimal sunlight throughout the day.



Image 7.1: The bird feeder demonstrating its IP65 waterproof rating, 2L large container, extra DIY add-ons, and rainproof roof design.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on	Low battery; Power button not pressed	Charge the device fully. Press and hold the power button for a few seconds.
Cannot connect to WiFi	Incorrect WiFi password; Not 2.4GHz network; Feeder too far from router	Ensure correct password. Connect to a 2.4GHz network. Move feeder closer to router or use a WiFi extender.
No instant alerts	App notifications disabled; Motion detection sensitivity too low	Check app notification settings on your phone. Adjust motion detection sensitivity in the app.
Poor video quality	Dirty camera lens; Weak WiFi signal	Clean the camera lens. Improve WiFi signal strength.
Solar panel not charging	Panel obstructed; Insufficient sunlight	Clear obstructions. Reposition panel for direct sunlight exposure.

9. SPECIFICATIONS

Feature	Specification
Brand	Loatos
Model Number	B0
Camera Resolution	2K
WiFi Frequency	2.4GHz (5GHz not supported)
Power Source	Solar Powered (3W Solar Panel)
Battery Capacity	5200mAh Rechargeable
Waterproof Rating	IP65
Product Dimensions	1"L x 1"W x 1"H (Approximate)
Item Weight	4.22 pounds
Storage Options	Cloud (3-day loop, 2-year trial), Micro SD Card (up to 128GB, not included)

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact your retailer. If you encounter any issues or have questions regarding your Loatos Smart Bird Feeder with Camera, please contact customer support through the companion app or the official Loatos website.

