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WUIPET WP001

WUIPET Smart Bird Feeder with Camera

User Manual

Introduction

Thank you for choosing the WUIPET Smart Bird Feeder with Camera. This device allows you to observe and interact with wild birds in your backyard through a high-resolution camera, AI bird species identification, and instant notifications. This manual provides detailed instructions for the proper setup, operation, and maintenance of your bird feeder to ensure optimal performance and a rewarding bird-watching experience.

Product Overview

The WUIPET Smart Bird Feeder integrates a durable feeder design with advanced camera technology and a solar charging system. Key components include:

- **Feeder Body:** Main structure with a 2.0L capacity for birdseed.
- **Camera Module:** 1080P HD camera with 2 megapixels, motion detection, and AI recognition capabilities.
- **Solar Panel:** External panel for continuous power supply, ensuring the camera battery remains charged.
- **Perches:** Integrated perches for birds to rest while feeding.
- **Accessories:** Includes hummingbird nectar feeders, fruit holders, and jelly feeders for attracting a wider variety of birds.

Image: The WUIPET Smart Bird Feeder with its integrated camera, solar panel, and various feeding accessories.

Image: All components included with the WUIPET Smart Bird Feeder, showing the feeder body, camera, solar panel, mounting hardware, and additional feeders.

Setup and Installation

Follow these steps to set up your WUIPET Smart Bird Feeder:

1. Unboxing and Component Check

Carefully unpack all items and verify that all components listed in the product overview are present and undamaged.

2. Mounting the Feeder

The feeder offers multiple mounting options. Choose a location that provides a clear view for the camera, is easily accessible for refilling, and receives adequate sunlight for the solar panel.

- **Tree Mounting:** Use the provided strap to secure the feeder to a tree trunk without causing damage.
- **Pole/Wall/Fence Mounting:** Utilize the included screws and anchors to fix the feeder securely to a pole, wall, or fence. Ensure the surface is stable enough to support the feeder's weight when full.

Image: Visual representation of the three main setup steps: 5-minute installation, connecting to 2.4GHz Wi-Fi, and watching birds on your phone.

3. Solar Panel Connection

Connect the solar panel cable to the designated port on the camera module. Position the solar panel in an area that receives direct sunlight for most of the day to ensure continuous charging of the internal battery.

Image: Illustration of the adjustable solar panel for optimal sun exposure, ensuring non-stop power for the bird feeder camera.

4. App Download and Wi-Fi Connection

1. Scan the QR code provided in the manual or on the product packaging to download the official WUIPET app from your device's app store.
2. Create an account and log in.
3. Follow the in-app instructions to add your new device. This typically involves powering on the camera and scanning a QR code displayed on your phone screen with the camera lens.
4. Connect the feeder camera to your**2.4G Wi-Fi network**. Note that 5.0G Wi-Fi is not supported. Ensure a strong Wi-Fi signal at the installation location.

Operating Instructions

1. Filling the Feeder

Open the top lid of the feeder and pour in your desired birdseed. The feeder has a 2.0L capacity, reducing the frequency of refills. Ensure the lid is securely closed after filling to protect the seed from weather and

pests.

2. Receiving Notifications

Once connected, the camera's sensitive motion detection will automatically capture visiting birds and send instant notifications with HD snapshots to your mobile phone via the app.

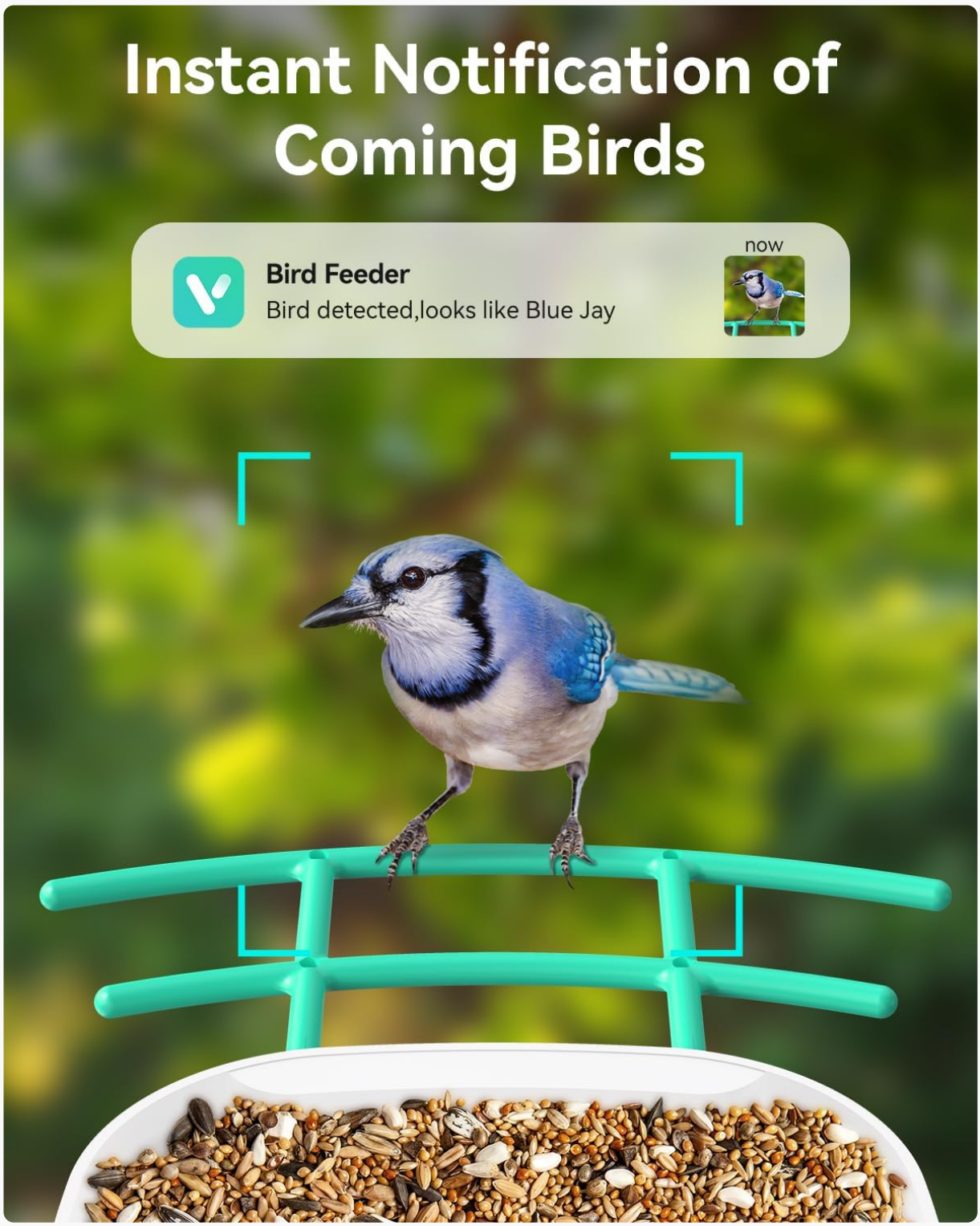

Image: A mobile phone screen displaying an instant notification from the bird feeder app, indicating a bird detection, with a Blue Jay shown.

3. Live View and Recording

Open the WUIPET app to view a live stream from the camera. The camera records videos in 1080P high resolution. You can save photos and videos directly to your phone, to the free cloud storage (3-day loop recording, lifetime trial), or to an optional SD card (up to 128GB, not included).

Image: A mobile phone screen showing the app interface for saving photos and videos, with icons for free cloud storage and SD card options.

4. AI Bird Species Identification

The camera features AI recognition that can identify over 10,000 bird species (paid subscription, first month free). The app provides detailed information about identified birds, helping you learn about your feathered visitors.

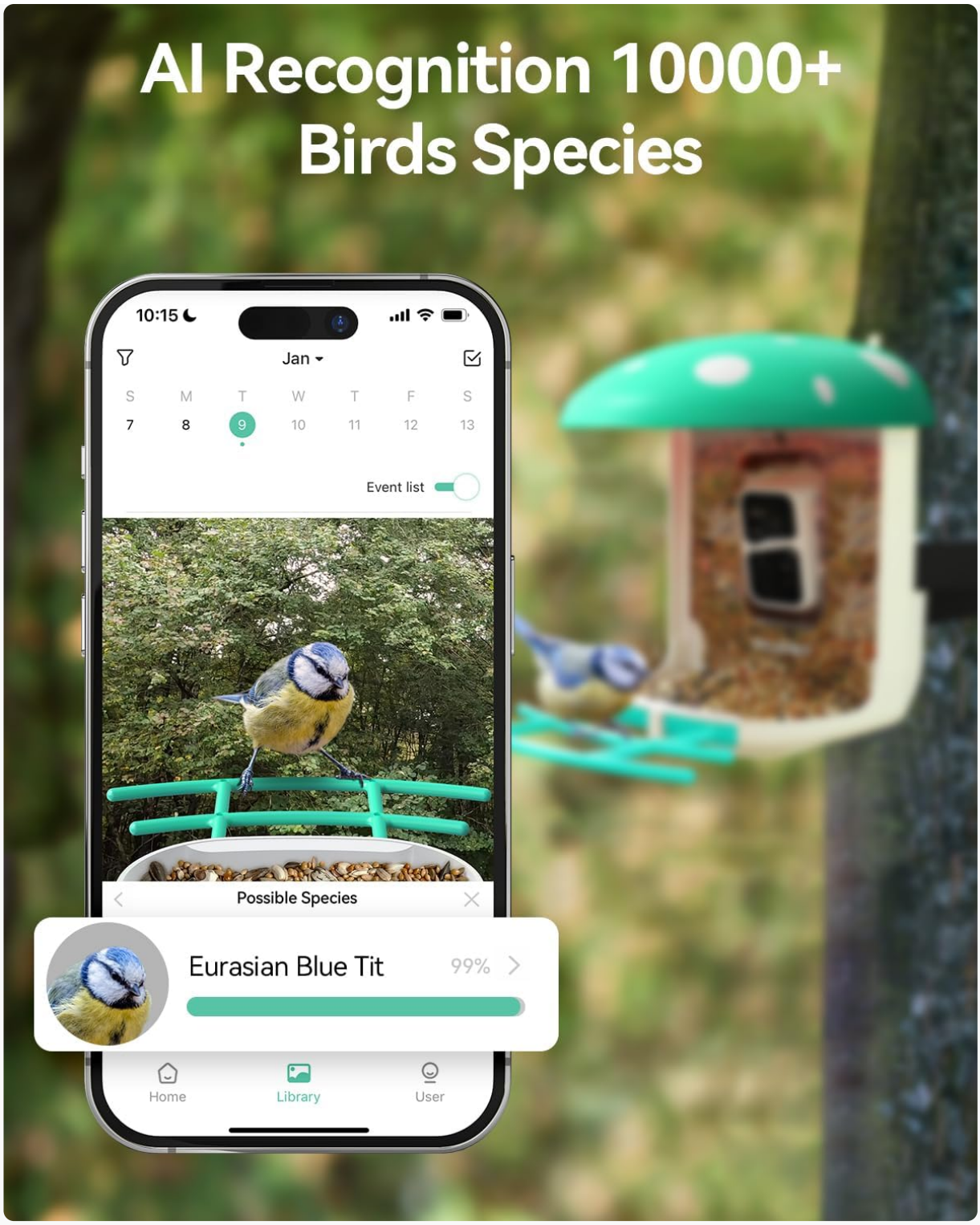

Image: A mobile phone screen displaying the AI recognition feature, showing a bird identified as an "Eurasian Blue Tit" with a confidence percentage.

5. Two-Way Audio and Sharing

The app supports two-way voice communication, allowing you to interact with the environment around the feeder. You can also share access to the camera with multiple users and share captured bird videos on social media platforms.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your bird feeder:

- **Cleaning the Feeder:** Periodically clean the birdseed compartment and perches to prevent mold and

bacterial growth. Use mild soap and water, rinse thoroughly, and ensure it is completely dry before refilling.

- **Camera Lens Cleaning:** Gently wipe the camera lens with a soft, clean cloth to remove dust or smudges that may affect image clarity.
- **Solar Panel:** Keep the solar panel clean and free of debris (leaves, dust) to maximize its charging efficiency.
- **Battery Monitoring:** Monitor the battery level through the app. While the solar panel provides continuous charging, prolonged periods of low sunlight may require manual charging via USB if the battery level drops significantly.
- **Weather Protection:** The feeder is IP65 waterproof, designed to withstand various weather conditions. However, during extreme weather events, consider bringing the feeder indoors if possible to prevent potential damage.

Troubleshooting

If you encounter issues with your WUIPET Smart Bird Feeder, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; solar panel not charging; power button off.	Ensure solar panel is in direct sunlight. Check battery level in app. Manually charge via USB if needed. Press and hold the power button to turn on.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; 5.0G Wi-Fi network; weak signal; camera too far from router.	Verify Wi-Fi password. Ensure you are connecting to a 2.4G network. Move feeder closer to router or use a Wi-Fi extender. Restart camera and router.
No notifications received.	App notifications disabled; motion detection sensitivity too low; poor Wi-Fi connection.	Check app settings to ensure notifications are enabled. Adjust motion detection sensitivity in the app. Verify stable Wi-Fi connection.
Poor video quality.	Dirty lens; weak Wi-Fi signal; low light conditions.	Clean the camera lens. Improve Wi-Fi signal strength. Ensure adequate lighting for optimal video capture.
AI identification inaccurate.	Poor image clarity; unusual bird angle; new species not in database.	Ensure clear images. AI recognition improves with better lighting and clear views of the bird. Ensure your app and AI database are updated.

Specifications

Feature	Detail
Model Number	WP001
Camera Resolution	1080P HD, 2 Megapixels
Wi-Fi Connectivity	2.4G Wi-Fi (5.0G not supported)

Feature	Detail
Power Source	Solar Powered (with internal battery)
Storage Options	Free Cloud Storage (3-day loop), SD Card (up to 128GB, not included)
Birdseed Capacity	2.0 Liters
Material	Plastic
Waterproof Rating	IP65
Product Dimensions	23L x 37W x 32H Centimetres

Warranty and Support

For warranty information, technical support, or any inquiries regarding your WUIPET Smart Bird Feeder, please refer to the contact information provided on the product packaging or visit the official WUIPET website. Keep your purchase receipt for warranty claims.

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