

PerchMe B0CG1ZG9DM

PerchMe Smart Bird Feeder with Camera User Manual

Model: B0CG1ZG9DM

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your PerchMe Smart Bird Feeder with Camera. This device allows you to observe and record bird activity in your backyard with advanced features such as 1080P color night vision, a built-in microphone, solar charging, and IP65 waterproofing. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.



Figure 1: PerchMe Smart Bird Feeder with Camera and accessories.

2. PRODUCT OVERVIEW

The PerchMe Smart Bird Feeder with Camera is designed to enhance your bird-watching experience. It features a robust, weatherproof construction and integrates a high-definition camera to capture clear images and videos of visiting birds. The solar panel ensures continuous power, reducing the need for manual recharging.

Key Features:

- **1080P HD Camera:** Provides clear video and image capture.
- **Color Night Vision:** Allows for observation in low-light conditions.
- **Built-in Microphone:** Captures audio of bird calls and ambient sounds.
- **Solar Charging:** Integrated solar panel for sustainable power.
- **IP65 Waterproof:** Designed to withstand various weather conditions.
- **AI Bird Identification:** Smart technology to identify bird species (requires app functionality).
- **Hummingbird Feeder:** An additional feeder is included for attracting hummingbirds.



Figure 2: Close-up view of a bird on the feeder, as seen through the camera.

3. WHAT'S IN THE BOX

Upon unboxing your PerchMe Smart Bird Feeder, please verify that all components listed below are present and undamaged.

- Smart Bird Feeder Unit with integrated camera
- Solar Panel with mounting arm
- Hummingbird Feeder attachment
- Mounting Bracket for feeder
- Mounting Hardware (screws, wall anchors)
- USB-C Charging Cable
- Wi-Fi Antenna
- Allen Wrench
- User Manual (this document)

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Video 1: Unboxing and initial assembly of the PerchMe Smart Bird Feeder components.

4. SETUP INSTRUCTIONS

Follow these steps to set up your PerchMe Smart Bird Feeder.

4.1 Initial Charging

1. Locate the USB-C charging port on the back of the camera unit.
2. Connect the provided USB-C cable to the camera and a compatible USB power adapter (not included).
3. Charge the camera fully before initial use. The indicator light will change when charging is complete.

4.2 Assembly

1. Attach the Wi-Fi antenna to the designated port on the back of the feeder unit.
2. Secure the hummingbird feeder attachment to the front perch area if desired.
3. Insert the camera module into the main feeder housing. Ensure it is securely seated.

4. Attach the roof to the top of the feeder unit.

4.3 Mounting the Feeder

Choose a location with good visibility for bird activity and access to sunlight for the solar panel. A sturdy fence or wall is recommended.

1. Position the mounting bracket on your desired surface. Use a level to ensure it is straight.
2. Mark the screw holes. Drill pilot holes if necessary.
3. Secure the mounting bracket using the provided screws and wall anchors.
4. Slide the assembled bird feeder unit onto the mounting bracket.
5. Mount the solar panel in a location that receives direct sunlight for most of the day. Connect its cable to the charging port on the bird feeder.

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Video 2: Detailed steps for installing the PerchMe Smart Bird Feeder and solar panel.

4.4 Filling the Feeder

1. Open the top lid of the feeder.
2. Pour your desired bird seed into the main compartment.
3. Close the lid securely.
4. If using the hummingbird feeder, fill it with nectar.

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Video 3: Demonstration of filling the bird feeder with seed.

5. OPERATING INSTRUCTIONS

To fully utilize your smart bird feeder, download the companion mobile application from your device's app store. Follow the in-app instructions to connect the feeder to your home Wi-Fi network.

5.1 Live Viewing and Recording

- Open the mobile app to access the live camera feed.
- The app allows you to manually record video or capture still images.
- Configure motion detection settings to automatically record when birds are present.

5.2 AI Bird Identification

The integrated AI technology can identify various bird species. Ensure this feature is enabled in the app settings to receive notifications and species information.

5.3 Night Vision and Audio

- The camera automatically switches to color night vision in low-light conditions.
- The built-in microphone captures audio, which can be accessed through the live feed or recorded videos.



Figure 3: Family members viewing bird activity on a mobile device.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your bird feeder.

6.1 Cleaning

- Periodically clean the feeder tray and seed compartment to prevent mold and bacterial growth.
- Wipe the camera lens with a soft, damp cloth to ensure clear image quality.
- Clean the solar panel surface to maximize charging efficiency.

6.2 Refilling

Monitor seed levels regularly and refill as needed to keep birds visiting your feeder.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power/Camera not turning on	Low battery; Solar panel not charging	Charge the camera via USB-C. Ensure solar panel is clean and receives direct sunlight.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; Feeder too far from router; Weak signal	Verify Wi-Fi password. Move feeder closer to router or use a Wi-Fi extender. Ensure antenna is securely attached.
Poor image/video quality	Dirty camera lens; Low light conditions; Network issues	Clean the camera lens. Ensure adequate lighting or rely on night vision. Check Wi-Fi connection stability.
Birds not visiting	Empty feeder; Unattractive seed type; New feeder placement	Refill with fresh seed. Try different types of bird seed. Allow time for birds to discover the new feeder.

8. SPECIFICATIONS

- **Brand:** PerchMe
- **Model:** B0CG1ZG9DM
- **Camera Resolution:** 1080P
- **Night Vision:** Color Night Vision
- **Audio:** Built-in Microphone
- **Power Source:** Solar Powered (with USB-C charging option)
- **Waterproof Rating:** IP65
- **Dimensions:** 12.01 x 7.8 x 11.22 inches
- **Item Weight:** 6.52 pounds
- **Target Species:** Hummingbird (with included feeder), various wild birds
- **UPC:** 793269691897

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official PerchMe website. Keep your purchase receipt as proof of purchase for any warranty claims.