

HIXX HILUSH

HIXX Smart Hummingbird Feeder (Model HILUSH) Instruction Manual

Brand: HIXX | Model: HILUSH

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your HIXX Smart Hummingbird Feeder. Please read these instructions carefully to ensure optimal performance and longevity of your device.

Key Features:

- **Smart App & AI Bird ID:** Integrates with the CoolFly app for free AI recognition, video sharing, and community features. Receive instant notifications and recorded clips of hummingbird visits.
- **HD Day & Night Viewing:** Equipped with a 3MP HD camera, motion sensor, and 140° wide-angle lens for crisp footage and night vision. Connects via 2.4GHz Wi-Fi for real-time alerts.
- **Insect-Resistant Design:** Features vibrant red feeding ports to attract hummingbirds and a built-in guard to deter ants and bees. Constructed from food-safe, leak-resistant plastic.
- **Solar Powered:** Includes a solar panel for continuous power, reducing the need for frequent recharging.
- **Easy Setup & Low Maintenance:** Designed for simple installation and cleaning, including a dedicated cleaning brush.
- **Large Leak-Proof Capacity:** 17.5-ounce transparent reservoir for easy nectar level checks and fewer refills. Made with UV-resistant and corrosion-proof materials.
- **Privacy Focused:** Camera engineered to observe birds, not personal property, with user control over data sharing via the app.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Hummingbird Feeder Unit
- Smart Camera Module
- Antenna
- Solar Panel with mounting bracket
- Feeding Ports (3 extra)
- Hanging Chain
- Hanging Hook
- Cleaning Brushes (2)
- Quick Guide/Instruction Manual



Image: HIXX Smart Hummingbird Feeder with all components and packaging.

3. SETUP GUIDE

3.1 Feeder Assembly and Nectar Filling

1. **Prepare the Feeder:** Ensure the silicone gasket is properly sealed and the top cap is securely tightened.

2. **Attach Feeding Ports:** Press the flower-shaped feeding ports firmly into their designated slots until snug.
3. **Fill with Nectar: Important:** Do not open the top of the feeder to fill. Instead, rotate the base to align the fill line with the 'LOCK' position. Pull out the stopper from the bottom. Fill the transparent reservoir approximately 3/4 full with hummingbird nectar (not included). Push the stopper back in firmly.
4. **Secure Camera Module:** Gently slide the camera module into the designated slot on the feeder unit until it clicks into place.
5. **Attach Antenna:** Screw the antenna into the port on the back of the camera module.



Image: Step-by-step guide for feeder assembly and nectar filling.

3.2 Solar Panel and Mounting

1. **Mount Solar Panel:** Attach the solar panel to a location that receives ample direct sunlight using the provided mounting bracket. Ensure the panel is facing upwards.
2. **Connect Solar Panel:** Plug the solar panel's cable into the USB port on the back of the camera module. This will continuously charge the camera's internal battery.
3. **Hang the Feeder:** Use the provided hanging chain and hook to hang the feeder in a suitable outdoor location, such as a tree branch, shepherd's hook, or patio overhang.



Image: Solar panel installation and connection to the feeder.

3.3 App Installation and Device Pairing

1. **Download CoolFly App:** Scan the QR code provided in the Quick Guide or search for "CoolFly" in your

device's app store (available on Google Play and Apple App Store).

2. **Create Account:** Follow the in-app instructions to create a new user account.
3. **Pair Device:** Turn on the camera module. Follow the app's prompts to add a new device. Select the HIXX Smart Hummingbird Feeder (HILUSH model) and connect it to your 2.4GHz Wi-Fi network.



Image: CoolFly app interface for connecting the feeder.

4. OPERATING INSTRUCTIONS

4.1 Live Viewing and Notifications

- Once paired, access the CoolFly app to view live footage from your feeder.
- The motion sensor will trigger recordings and send real-time alerts to your device when a hummingbird approaches.
- Review recorded clips within the app's gallery.

4.2 AI Bird Recognition

- The CoolFly app utilizes AI to identify hummingbird species visiting your feeder.
- Receive species identification suggestions and contribute to the community by confirming or modifying identifications.



Image: CoolFly app displaying AI bird identification and notifications.

4.3 Night Vision

- The camera automatically switches to night vision mode in low-light conditions, providing clear black and white footage.

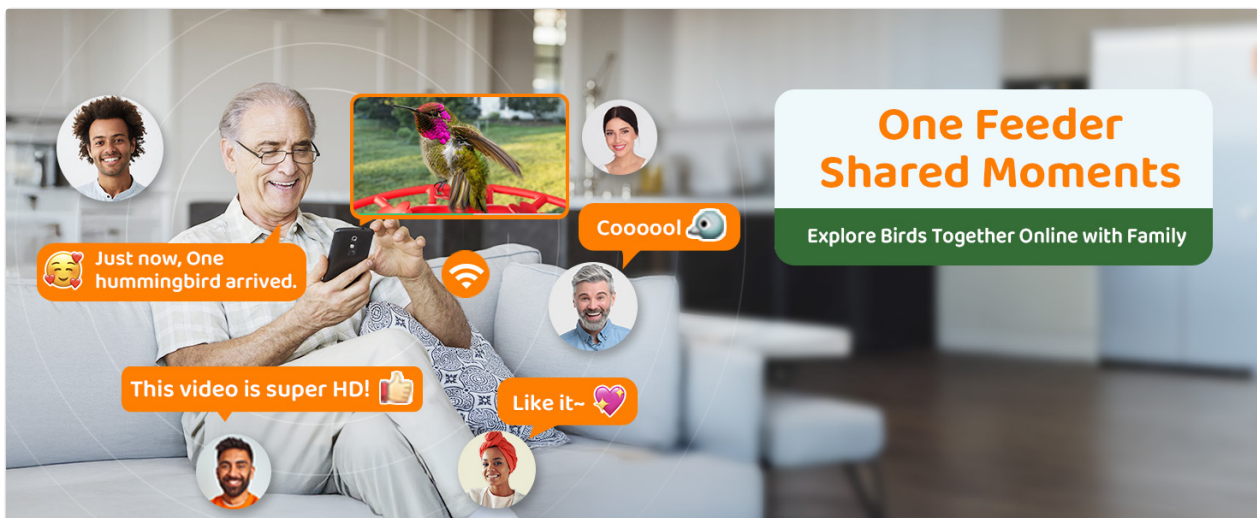


Image: Day and night vision capabilities of the feeder camera.

4.4 Solar Power Management

- The solar panel keeps the camera's internal battery charged. Ensure the panel is positioned to receive maximum sunlight for continuous operation.

5. MAINTENANCE

5.1 Cleaning the Feeder

Regular cleaning is crucial to prevent mold and bacterial growth, which can harm hummingbirds. The feeder is designed for easy disassembly and cleaning.

1. **Disassemble:** Carefully remove the camera module from the feeder unit. Detach the top cap and the base with feeding ports.
2. **Wash:** Use warm water and a mild soap solution to clean all parts of the feeder. Utilize the provided cleaning brushes to reach narrow areas and feeding ports.
3. **Rinse Thoroughly:** Rinse all components thoroughly with clean water to remove any soap residue.
4. **Dry:** Allow all parts to air dry completely before reassembling and refilling.

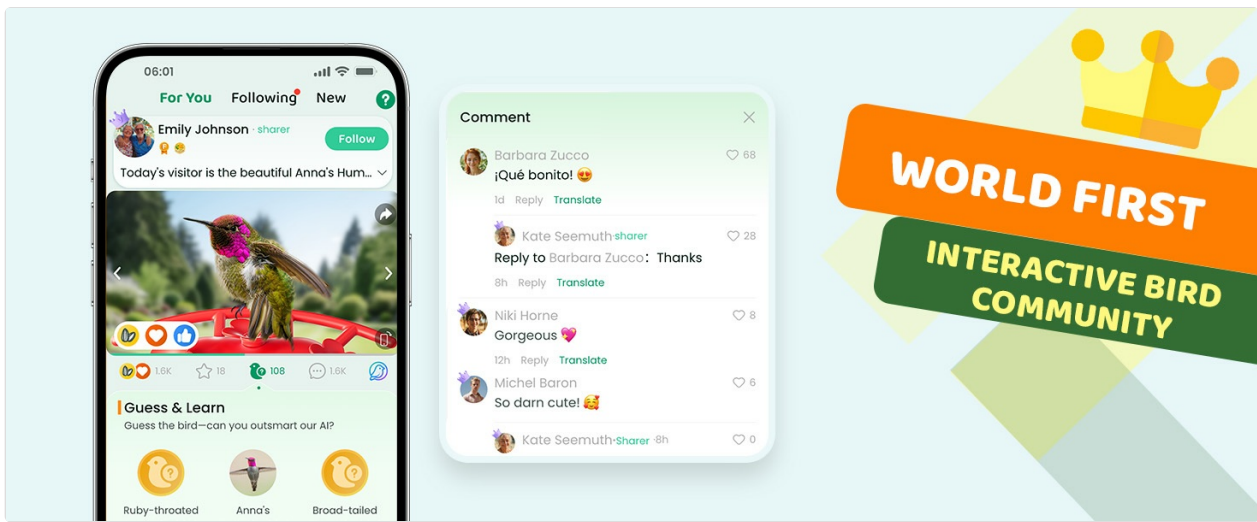


Image: Cleaning process for the HIXX Smart Hummingbird Feeder.

5.2 Nectar Replacement

Replace nectar every 2-3 days, or more frequently in hot weather, to ensure freshness and prevent spoilage.

6. TROUBLESHOOTING

6.1 Leaking Issues

- Ensure all seals are tight and the top cap is securely closed.
- Always fill the feeder from the bottom plug, not the top.
- Verify the stopper is pushed in firmly after refilling.

6.2 Connectivity Problems

- Confirm your Wi-Fi network is 2.4GHz. The feeder does not support 5GHz networks.
- Ensure the feeder is within range of your Wi-Fi router.
- Check the camera's battery level. Recharge if necessary.
- If issues persist, try resetting the device and re-pairing with the CoolFly app.

6.3 AI Identification Accuracy

- AI recognition improves over time with more data. Ensure clear footage for better accuracy.
- If AI consistently identifies only "movement" instead of species, check camera placement for optimal bird viewing angles.

6.4 Bees/Ants at Feeder

- Verify the built-in ant moat is filled with water.
- Ensure feeding ports are clean and free of sticky residue that might attract insects.
- If bees are still an issue, consider relocating the feeder or ensuring the nectar level is not too high, preventing easy access for bees.

7. SPECIFICATIONS

Feature	Detail
Brand	HIXX
Model Number	HILUSH
Target Species	Hummingbird
Material	Plastic, Resin
Capacity	17.5 ounces (1.1 Pounds)
Power Source	Solar Powered (with included Lithium Ion battery)
Camera Resolution	3MP HD
Lens Angle	140° Wide-Angle
Connectivity	2.4GHz Wi-Fi
Special Features	Bee Resistant, Built-In Ant Moat, Built-In Camera, Weatherproof
Mounting Type	Hanging Mount
Product Dimensions	6.1"L x 8.27"W x 8.46"H
Item Weight	3 Pounds

8. OFFICIAL PRODUCT VIDEO

Video: An overview of the HIXX Hummingbird Feeder Camera, demonstrating its features and design. (Source: HIXX Smart Birding Essentials)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the contact details provided in your product packaging or visit the official HIXX website. Keep your purchase receipt for warranty claims.