

LFF TV-GKXMC-Q41-4MP/3W-1.8MM

LFF Hummingbird Feeder with Camera User Manual

Model: TV-GKXMC-Q41-4MP/3W-1.8MM

1. PRODUCT OVERVIEW

The LFF Hummingbird Feeder with Camera offers an innovative way to observe hummingbirds up close. Featuring a 2.5K HD camera with AI bird recognition, solar power, and a durable, weather-resistant design, it provides a unique birdwatching experience.



Figure 1: LFF Hummingbird Feeder with Camera, showing the main unit, solar panel, and smartphone app interface.

2. WHAT'S INCLUDED

Carefully unbox your LFF Hummingbird Feeder and ensure all components are present:

- Hummingbird Feeder Unit (Camera/Water Barrel and Waterfeeder Base)
- Solar Panel with Bracket
- Wall Mount Bracket
- External Antenna
- Hummingbird Drinking Plugs (Yellow flowers)
- Chassis Screws
- Mounting Screws and Wall Anchors
- Binding Ties



Figure 2: All included parts of the Hummingbird Feeder system.

3. SETUP AND INSTALLATION

Follow these steps to set up your hummingbird feeder:

3.1. Prepare the Feeder Base

1. Remove the camera module from the hummingbird water feeder slot.
2. Carefully insert the yellow hummingbird drinking plugs firmly into the spouts on the feeder base. Ensure they are securely seated to prevent leaks.



Figure 3: Detailed view of the feeder base, highlighting the bee-proof design and anti-ant moat.

3.2. Fill the Nectar Reservoir

1. **Important:** Do not open the top cover of the water barrel.
2. Invert the water barrel and pour water or hummingbird nectar into the opening at the bottom. Fill to the recommended level as indicated on the barrel.
3. Align the latch on the water barrel with the unlock mark on the waterfeeder base. Gently twist clockwise to assemble and fix it securely.



Figure 4: Instructions for filling the nectar reservoir. Note: If water leaks from the flower ports, reverse the pouring orientation during setup.

3.3. Camera Preparation and Installation

1. Snap open the silicone cover on the back of the camera to access the power switch and charging port.
2. Turn the power switch from "OFF" to "ON" to power on the camera. The indicator light will turn blue.
3. Open the silicone cover on top of the camera to access the TF card slot and reset button.
4. If needed, press and hold the reset button to reset the device. The camera will announce "Restore factory settings, please don't power off."
5. Snap the camera back into the hummingbird feeder slot.
6. Align the external antenna with the fixing hole and secure it to the camera.

Video 1: Step-by-step guide on assembling the LFF Hummingbird Feeder, including camera installation and initial power-up.

3.4. Mounting Options

The feeder offers multiple mounting options to suit your outdoor space:

- **Wall Mount:** Use the provided wall mount bracket and screws to attach the feeder to a wall.
- **Hanging:** Utilize the integrated hook to hang the feeder from a branch or shepherd's hook.
- **Binding:** Secure the feeder to a tree trunk or post using the binding ties.



Figure 5: Different ways to mount your hummingbird feeder.

Placement Tip: It is advisable to avoid feeding hummingbirds alongside larger birds. Place the feeder at least 10 feet away from areas frequented by larger birds to ensure a safer environment for hummingbirds.



Figure 6: Recommended placement to avoid larger birds.

4. OPERATING INSTRUCTIONS

4.1. App Connectivity and Features

Connect the smart hummingbird feeder to your smartphone or tablet via 2.4 GHz Wi-Fi (Not compatible with 5 GHz). Download the Tris Home APP to access the following features:

- **2.5K HD Camera & Night Vision:** View optimal color images, even in darkness, with a 160° panoramic lens. The camera supports voice monitoring, two-way audio, photo capture, and video recording.
- **AI Recognition & Instant Notification:** The system uses sophisticated AI algorithms to accurately identify hummingbird species. Receive instant notifications when a hummingbird arrives. (A free one-month trial for AI Recognition service is included.)
- **Two-Way Audio:** Use the 2-way audio feature to deter larger birds and ensure hummingbirds can feed safely.
- **Auto-Capture:** The feeder automatically captures moments when hummingbirds visit.
- **Storage:** Securely save photos and videos using either cloud storage or a TF card (not included).
- **Sharing:** Share your smart hummingbird feeder with friends and family through the Tris Home APP and upload

captured moments to social media.



Figure 7: Key features of the smart hummingbird feeder.



Figure 8: AI bird recognition feature identifying a hummingbird species.

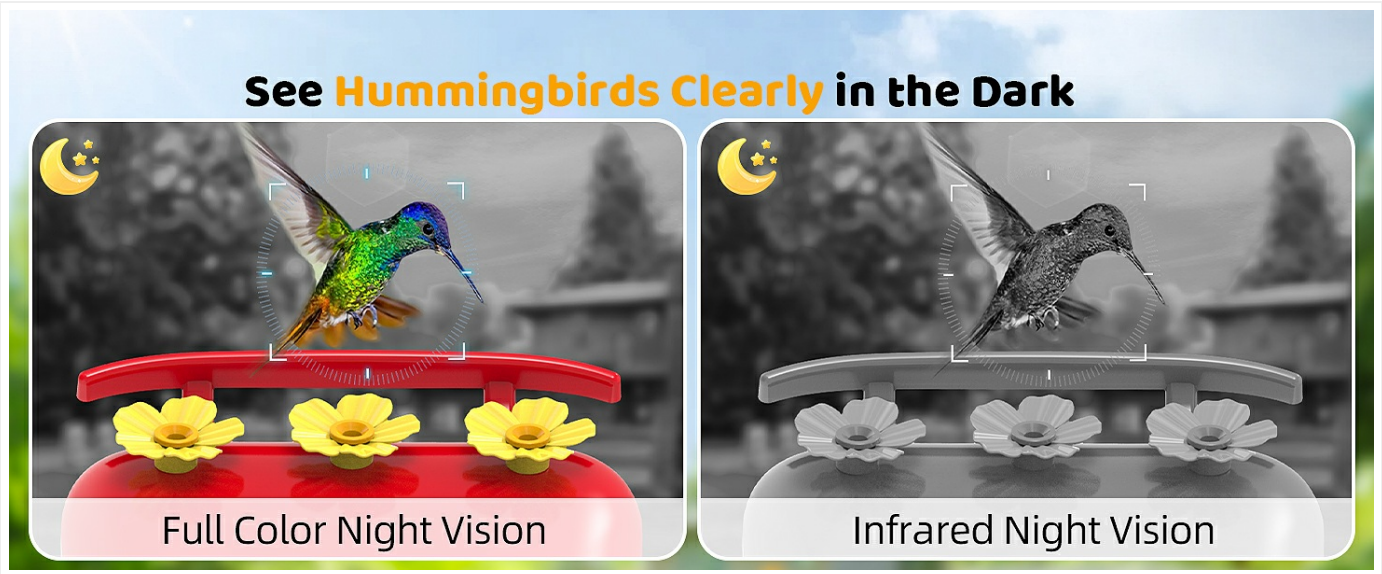


Figure 9: Night vision capabilities, providing clear views even after dark.

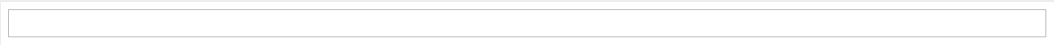


Figure 10: Instant motion detection notifications to your smartphone.



Figure 11: Options for storing captured photos and videos.

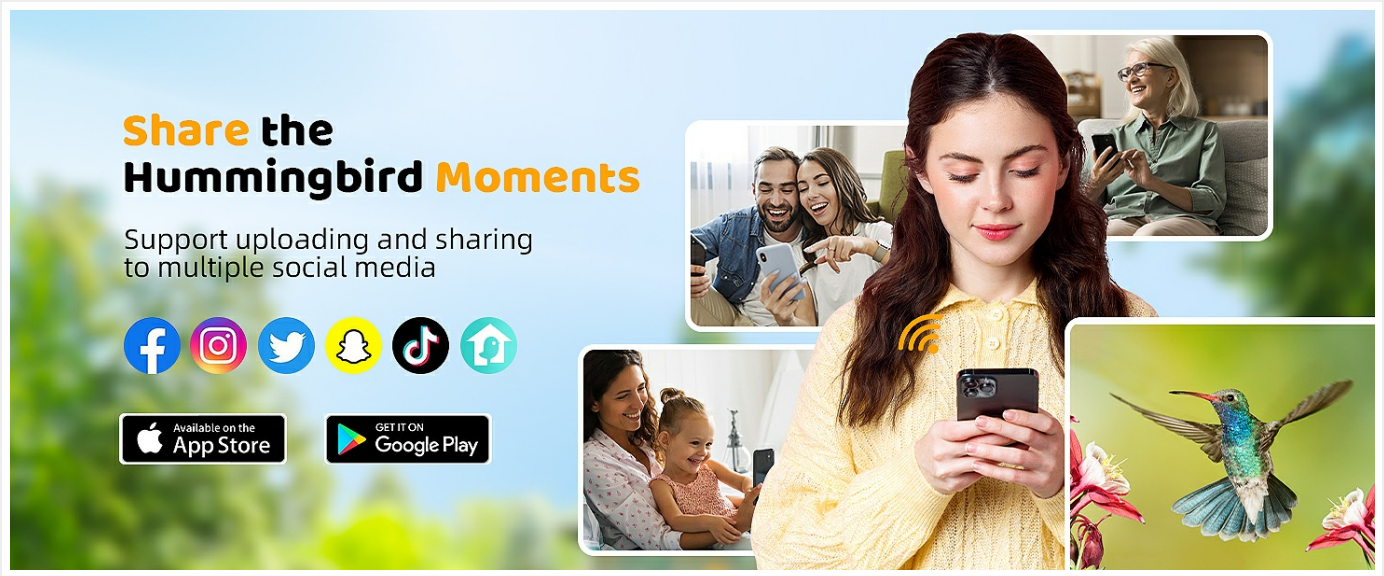


Figure 12: Sharing captured hummingbird moments with friends and family.

4.2. Power Management

The feeder is equipped with a built-in 4000mAh rechargeable battery and an external 3W solar panel for continuous power supply. This dual charging mode ensures uninterrupted operation.



Figure 13: Solar panel and rechargeable battery for continuous power.

5. MAINTENANCE

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

- **Cleaning:** The feeder's wide-mouth design and tool-free assembly allow for easy disassembly and thorough cleaning. Regularly clean the feeder to prevent mold and bacteria growth, which can harm hummingbirds. Use warm water and a brush. Avoid harsh detergents.
- **Refilling:** Refill the nectar reservoir as needed. The transparent design allows for easy monitoring of nectar levels.
- **Weather Protection:** The IP66 waterproof rating ensures the feeder is protected against rain and harsh weather conditions. However, during extreme weather, consider bringing the feeder indoors if possible.



Figure 14: The feeder's IP66 waterproof design.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Water/Nectar leaks from flower ports.	Incorrect assembly of water barrel to base.	Ensure the water barrel is inverted correctly during filling and that the base is twisted firmly clockwise to lock.
Camera not powering on.	Power switch is OFF or battery is drained.	Ensure the power switch is set to "ON". Charge the camera using the provided solar panel or a USB-C cable.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi band (5GHz) or weak signal.	Ensure you are connecting to a 2.4 GHz Wi-Fi network. Move the feeder closer to your Wi-Fi router or use a Wi-Fi extender.
AI Recognition not working.	Trial period expired or service not activated.	Check your Tris Home APP for AI Recognition service status. Activate or subscribe if the trial has ended.
No notifications received.	App notification settings are off or camera is offline.	Check notification settings in the Tris Home APP and on your smartphone. Ensure the camera is connected to Wi-Fi and online.

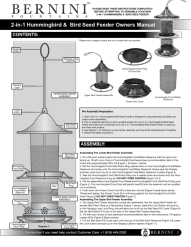





7. SPECIFICATIONS

- **Brand:** LFF
- **Model Number:** TV-GKXMC-Q41-4MP/3W-1.8MM
- **Target Species:** Hummingbird
- **Special Features:** Bee Resistant, Built-In Ant Moat, Built-In Camera, Leakproof, Portable
- **Mounting Type:** Hanging Mount
- **Product Dimensions:** 7.2"L x 5.2"W x 8.3"H
- **Power Source:** Solar Powered
- **Included Components:** Manual, Mounting Kit
- **Color:** Red
- **Item Weight:** 2.3 Pounds
- **Manufacturer:** Shenzhen TRIS VISION Technology Co.Ltd.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official LFF website. Keep your purchase receipt for warranty claims.



	<p>Bernini 2-in-1 Hummingbird and Bird Seed Feeder: Assembly, Care, and Tips Manual</p> <p>Comprehensive owner's manual for the Bernini 2-in-1 Hummingbird & Bird Seed Feeder, covering assembly instructions, detailed cleaning and maintenance procedures, helpful tips for attracting birds, nectar recipes, and warranty information.</p>
	<p>Vicohome App Setup and Camera Pairing Guide</p> <p>A comprehensive guide to setting up the Vicohome app, pairing your camera, sharing devices, and understanding AI recognition features, including cloud storage options for bird watching.</p>
	<p>Leotachi Smart Waterproof Mirror TV Series Manual - Installation, Features, and FAQs</p> <p>Comprehensive user manual for Leotachi Smart Waterproof Mirror TV Series (models LE220KM, LEOSMJMG-800, LEOSMJMG-800MC). Covers installation, setup, operation, safety instructions, product structure, and frequently asked questions.</p>
	<p>MINISO Minions TWS Wireless Earphones - Product Overview and Specifications</p> <p>Discover the MINISO Minions Collection TWS Wireless Earphones, featuring Bluetooth connectivity and a fun Minions design. This document provides an overview, specifications, and regulatory information for these consumer electronics.</p>
	<p>4-in-1 Solar Bird Hotel: Instruction Manual for Garden Bird Sanctuary</p> <p>Comprehensive instructions for assembling, installing, and maintaining the Easylife 4-in-1 Solar Bird Hotel. This guide details how to create a bird-friendly garden space featuring a bird bath, feeder, planter, and solar light.</p>
	<p>Shan Wan Q41 Wireless Mobile Game Controller User Guide</p> <p>Comprehensive guide for the Shan Wan Q41 Wireless Mobile Game Controller, covering connection methods for P3, P4, P5 consoles, mobile phones (iOS and Android), and PC. Includes button functions, charging information, troubleshooting, and product specifications.</p>