

WuzuTech TV-XM-Q20-4MP

WuzuTech Happy Birdy Smart Bird Feeder Instruction Manual

Model: TV-XM-Q20-4MP

1. INTRODUCTION AND OVERVIEW

The WuzuTech Happy Birdy Smart Bird Feeder is an advanced device designed to enhance your birdwatching experience. It features a 2.5K Full HD camera, AI bird recognition capable of identifying over 10,000 species, dual solar panels for continuous power, infrared night vision, and an IP67 weatherproof rating. This manual provides essential information for the proper setup, operation, and maintenance of your smart bird feeder.



Image 1.1: The Happy Birdy Smart Bird Feeder, showcasing its design, solar panels, and camera, alongside its packaging and a smartphone displaying bird activity.

2. PACKAGE CONTENTS

Please verify that all components listed below are included in your package:

- AI Bird Feeder Unit
- Solar Roof
- Perch
- Mounting Bracket
- Antenna
- Fruit Fork
- Honey Jar
- Pole-Mounting Strap
- Mounting Bracket Bolts
- Mounting Screws

- Squirrel Shield
- Instruction Manual (this document)

Note: A Micro SD card for local storage is sold separately.

What Is in the Package



- | | | |
|-------------------|---------------------|---------------------------|
| 1. AI Bird Feeder | 4. Mounting Bracket | 8. Pole-Mounting Strap |
| 2. Solar Roof | 5. Antenna | 9. Mounting Bracket Bolts |
| 3. Perch | 6. Fruit Fork | 10. Mounting Screws |
| | 7. Honey Jar | 11. Squirrel Shield |

Image 2.1: An organized display of all parts included in the Happy Birdy Smart Bird Feeder kit, including the feeder, solar roof, various mounting hardware, and accessories like the fruit fork and honey jar.

3. SETUP AND INSTALLATION

The Happy Birdy Smart Bird Feeder offers flexible installation options to suit your outdoor environment.

3.1 Mounting Options

Choose between pole/tree strap mounting or wall mounting using the provided kit.

1. **Pole/Tree Strap Mounting:** Secure the mounting bracket to a pole or tree using the provided strap. Ensure the feeder is stable and at a height accessible for refilling but safe from predators.
2. **Wall Mounting:** Use the mounting screws and bracket to attach the feeder securely to a wall or fence.

Ensure the solar panels are positioned to receive maximum direct sunlight throughout the day for optimal charging.



Image 3.1: The Happy Birdy Smart Bird Feeder mounted on a tree branch, demonstrating its outdoor installation flexibility.

3.2 App Connection

Download the free Happy Birdy app from the iOS App Store or Google Play Store. Follow the in-app instructions to connect your feeder to your home Wi-Fi network. This will enable real-time notifications and access to camera features.

Connect, Share & Learn

Perfect Gift for Adults and Kids



Image 3.2: A smartphone screen showing the Happy Birdy app interface with a bird on the feeder, along with icons for downloading the app from Google Play and the App Store.

4. OPERATING INSTRUCTIONS

Once installed and connected, your Happy Birdy Smart Bird Feeder is ready for operation.

4.1 Bird Detection and Identification

The feeder's AI camera automatically detects bird visits and attempts to identify the species. You will receive real-time notifications on your smartphone via the Happy Birdy app. The app provides details about the identified bird species.

The Smart Bird Feeder That Brings Nature to You



AI Bird Recognition: Identify 10,000+ Species

Image 4.1: A smartphone screen showing a blue jay on the feeder, accompanied by a notification indicating a visitor, illustrating the AI bird recognition feature.

4.2 Video and Image Capture

The 2.5K HD camera captures clear images and videos of visiting birds. The infrared night vision feature ensures visibility even in low-light conditions. Captured media can be viewed and managed through the app.

Clear 2.5K HD Video & Infrared Night Vision



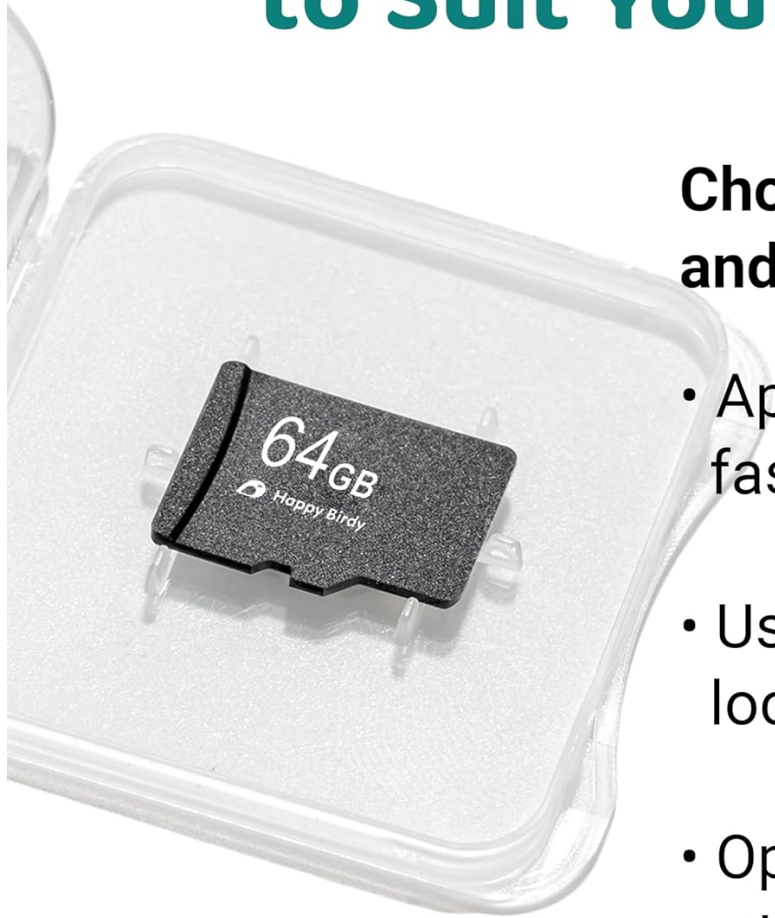
Image 4.2: A split image showing a cardinal on the feeder in full color during the day and in black and white using infrared night vision, highlighting the camera's capabilities.

4.3 Storage Options

The feeder supports both local and optional cloud storage for your captured footage.

- **Micro SD Card:** Insert a Micro SD card (sold separately) into the designated slot for local storage of recordings.
- **Cloud Storage:** An optional cloud storage upgrade may be available for extended storage and access. Refer to the app for details.

Flexible Storage Options to Suit Your Needs



Choose between local and cloud storage:

- App memory for fast access
- Use Micro SD for free local storage*
- Optional 30-day cloud storage upgrade

*Micro SD card sold separately

Image 4.3: A 64GB Micro SD card branded for Happy Birdy, illustrating the local storage option for the feeder.

4.4 Squirrel Deterrence

The feeder is designed with features to deter squirrels. The app may provide alerts for larger animal detection, allowing you to monitor and manage unwanted visitors.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Happy Birdy Smart Bird Feeder.

5.1 Cleaning

Keep the feeder clean to prevent the spread of disease among birds and maintain hygiene. Regularly remove old seeds, hulls, and droppings. The feeder is designed for easy disassembly for cleaning.

5.2 Refilling

Refill the seed compartment as needed. The design allows for quick and easy refilling. Avoid overfilling to prevent waste and spoilage.

Simple to Maintain

Clean and
Refill in Seconds



Image 5.1: A hand pouring bird seeds into the Happy Birdy Smart Bird Feeder, demonstrating the ease of refilling and cleaning.

5.3 Solar Panel Care

Periodically wipe the solar panels to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency.

6. TROUBLESHOOTING

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

- **No Power/Not Charging:** Ensure solar panels are clean and receiving direct sunlight. Check for any obstructions. If the battery is completely depleted, an initial charge via USB might be required.
- **Connectivity Issues:** Verify your Wi-Fi network is active and the feeder is within range. Restart your router and the feeder. Re-pair the device with the app if necessary.
- **Poor Video Quality:** Clean the camera lens. Ensure adequate lighting (daylight or night vision). Check your Wi-Fi signal strength, as a weak signal can affect streaming quality.
- **Bird Identification Errors:** While the AI is advanced, occasional misidentifications can occur. Ensure the camera lens is clean and clear.

- **Squirrels Accessing Feeder:** Ensure the squirrel shield is correctly installed. Consider relocating the feeder to an area less accessible to squirrels.

For further assistance, consult the in-app help section or contact WuzuTech customer support.


7. SPECIFICATIONS


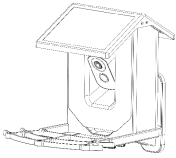



Feature	Specification
Brand	WuzuTech
Model Number	TV-XM-Q20-4MP
Camera Resolution	2.5K Full HD
AI Recognition	Identifies 10,000+ Species
Power Source	Solar Powered (Dual Panels)
Night Vision	Infrared
Weatherproof Rating	IP67
Mounting Type	Pole / Tree Strap or Wall Mount
Product Dimensions	8.31"L x 7.01"W x 9.76"H
Item Weight	2.64 pounds (1.2 Kilograms)
Capacity	1.5 Liters
UPC	850055154889

8. WARRANTY AND SUPPORT

WuzuTech products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official WuzuTech website. If you require technical support, have questions about your product, or need to report an issue, please contact WuzuTech customer service through the contact information provided on our website or within the Happy Birdy app. Please retain your proof of purchase for warranty claims.

Related Documents - TV-XM-Q20-4MP

	<p>Herz P1 Smart Ring Quick Start Guide</p> <p>A quick start guide for the Herz P1 Smart Ring by WuzuTech, covering unboxing, setup, app installation, proper wear, health monitoring features, and safety precautions.</p>
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<p>Step 3 Confirm configuration result</p> <p>After configuration is successful, jump to device list page, click the device to open real-time view live or device setting. If you have any other questions, you should consult online services shown in Figure 7.</p> <p>Figure 7</p> 	<p>Shenzhen TRIS VISION Smart Bird Feeder User Manual and FAQ</p> <p>Comprehensive user manual for the Shenzhen TRIS VISION Technology Co., Ltd. Smart Bird Feeder (Model TV-XM-Q20-4MP). Includes setup steps, cloud storage features, bird recognition, frequently asked questions, important notices, and FCC compliance information.</p>
 <p>Smart Bird Feeder Operation Guide</p>	<p>Smart Bird Feeder Operation Guide - Tris Home</p> <p>This operation guide provides instructions for setting up and using the Tris Home Smart Bird Feeder, including camera structure, device appearance, and quick configuration steps.</p>
 <p>Smart Bird Feeder User Manual</p> <p>Model: TV-XM-Q20-4MP</p> <p>IMPORTANT! READ CAREFULLY AND KEEP IT FOR FUTURE REFERENCE</p>	<p>Besserite Smart Bird Feeder User Manual TV-XM-Q20-4MP</p> <p>User manual for the Besserite Smart Bird Feeder, model TV-XM-Q20-4MP. Provides setup, connection, usage, and maintenance instructions for the smart bird feeder with camera.</p>
	<p>Smart Bird Feeder Operation Guide - YH-XM-A20S</p> <p>User manual for the Dongguan cloud fox intelligent Co., LTD Smart Bird Feeder, model YH-XM-A20S. Provides instructions on device appearance, quick configuration via the iCSee app, network setup, cloud storage, common troubleshooting questions, and FCC compliance information.</p>
<p>Set Up With Vicohome App</p>  <p>Download Vicohome App from App Store or Google Play. Scan the QR code to download the app. After installation, click the QR code to open the app and scan the QR code to complete the setup.</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>