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> Tutoview 2.5K Smart Bird Feeder with Camera (Model QW5) - Instruction Manual

## Tutoview QW5

# Tutoview 2.5K Smart Bird Feeder with Camera (Model QW5) - Instruction Manual

Your comprehensive guide to setup, operation, and maintenance.

## 1. PRODUCT OVERVIEW

The Tutoview 2.5K Smart Bird Feeder with Camera offers an advanced way to observe birds. It features a 2.5K high-resolution camera for clear images and videos, including color night vision. The feeder has a generous 2.5L seed capacity and is powered by a 5500mAh battery, continuously charged by two integrated 5W solar panels. It supports both 5GHz and 2.4GHz Wi-Fi connections for stable operation and includes AI bird species identification capabilities.



Image 1.1: The Tutoview 2.5K Smart Bird Feeder with Camera, showcasing its design and camera.

The feeder is constructed from durable metal and plastic, designed to withstand outdoor elements with an IP66 weatherproof rating. Its bird-friendly design includes an adjustable perch and various accessories to attract a wide range of bird species.

## 2. WHAT'S IN THE BOX

Your Tutoview 2.5K Smart Bird Feeder package includes the following components:

- Bird Feeder Housing (with integrated 2.5K Camera)
- Roof with two 5W Solar Panels
- Bird Leisure Stand/Perch
- Mounting Bracket and Screws
- Strap for tree/pole mounting
- USB-C Charging Cable
- WiFi Antenna
- 32GB Micro SD Card
- Fruit Fork, Jelly Feeder, Drinking Bowl accessories
- User Manual

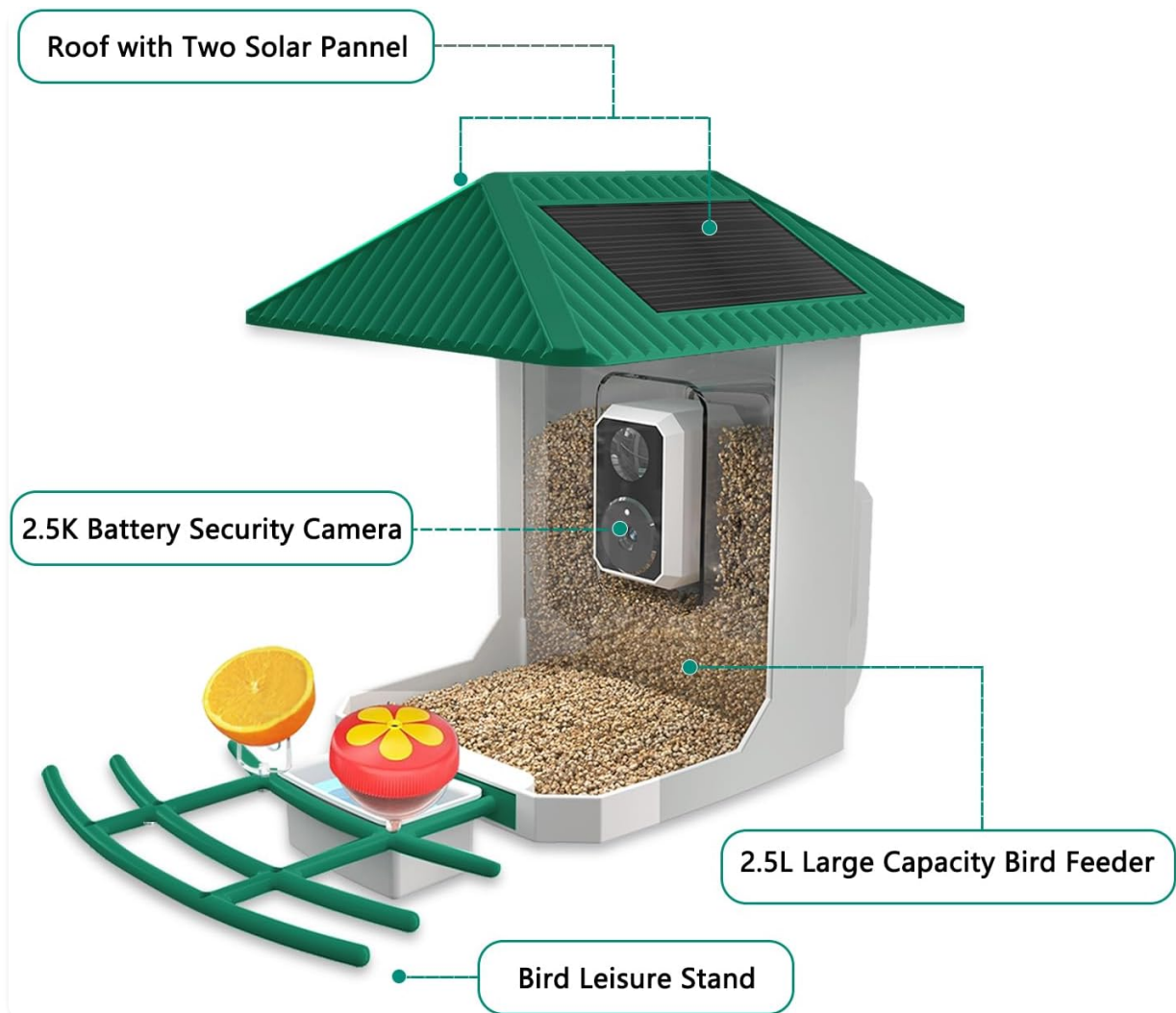


Image 2.1: All components included in the Tutoview Smart Bird Feeder package.

### 3. SETUP INSTRUCTIONS

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

1. **Charge the Camera Battery:** Before initial use, fully charge the camera's built-in 5500mAh battery using the provided USB-C cable.
2. **Install Micro SD Card:** Locate the SD card slot on the camera unit and insert the provided 32GB Micro SD card.
3. **Attach WiFi Antenna:** Screw the WiFi antenna onto the designated port on the camera unit.
4. **Power On Camera:** Press and hold the power button on the camera unit until the indicator light turns green.
5. **Download and Install App:** Scan the QR code in the user manual or visit the provided link to download the O-kam PRO app from your mobile phone's app store. Create an account or log in if you already have one.
6. **Connect to Wi-Fi:** Follow the in-app instructions to add your camera. This typically involves scanning a QR code displayed on your phone with the camera lens and entering your 2.4GHz Wi-Fi network details. Ensure a strong Wi-Fi signal at the installation location.
7. **Assemble Feeder Tray and Roof:** Attach the bird leisure stand/perch to the main feeder body. Secure the roof, which contains the solar panels, to the top of the feeder.
8. **Mount the Feeder:** Choose your preferred mounting method:

- **Screw Mount:** Use the provided mounting bracket and screws to attach the feeder to a wall, fence, or tree.
  - **Strap Mount:** Use the provided strap to secure the feeder to a tree trunk or pole.
9. **Position Solar Panels:** Ensure the solar panels on the roof are positioned to receive maximum direct sunlight throughout the day for continuous charging.
  10. **Fill with Bird Seed:** Lift the feeder roof to access the seed compartment and fill it with up to 2.5L of your preferred bird seed.



Image 3.1: Illustration of the two primary installation methods for the bird feeder.



Image 3.2: Visual guide for connecting the smart bird feeder to the mobile application.

## 4. OPERATING INSTRUCTIONS

Once set up, operate your Tutoview Smart Bird Feeder using the O-kam PRO mobile app:

- **Live View:** Access a real-time 2.5K HD video feed from your camera anytime, anywhere.
- **Motion Detection & Notifications:** The camera features motion detection. You will receive real-time notifications on your phone when birds visit the feeder.

- **AI Bird Species Identification:** The built-in AI can identify over 11,000 bird species. When a bird is detected, the app will attempt to identify it and provide information.
- **Recording & Playback:** Videos and images are automatically captured upon motion detection and stored on the Micro SD card or optionally in cloud storage (subscription may apply). You can review these recordings via the app.
- **Night Vision:** The camera supports both color night vision and IR night vision, ensuring clear footage of nocturnal visitors.
- **Two-Way Audio:** Engage with your backyard environment using the two-way audio feature.
- **Accessories:** Utilize the included fruit fork, jelly feeder, and drinking bowl to attract a wider variety of birds.



Image 4.1: Camera features including adjustable angle, wide-angle lens, and app control.

## Built-in Advance AI Identify Birds

Which can identify over **11000+** bird species  
(Purchase membership)



Image 4.2: The AI identification feature, showing a Northern Cardinal identified in the app.

## Tutoview Bird Feeder with 2.5K Solar Security Camera

Give your lovely birds a warm feeder



Image 4.3: The camera offers 2.5K HD resolution, 140-degree wide-angle lens, and full color & infrared night vision.

Your browser does not support the video tag.

Video 4.1: Demonstrates smart motion alerts and instant notifications when a bird is detected.

## 5. MAINTENANCE

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

- **Cleaning:** The feeder tray is designed for easy removal and cleaning. Regularly remove old seed, hulls, and droppings to prevent mold and bacterial growth. Use mild soap and water, rinse thoroughly, and dry completely before refilling.
- **Refilling Seed:** Simply lift the roof of the feeder to access the seed compartment and refill as needed. The 2.5L capacity reduces the frequency of refills.
- **Battery & Solar Panel:** The solar panels continuously charge the internal battery. Ensure the solar panels are clean and free from debris (leaves, snow) to maximize charging efficiency. The 5500mAh battery provides continuous power even in adverse weather conditions.
- **Camera Lens:** Periodically clean the camera lens with a soft, damp cloth to ensure clear image and video quality.



Image 5.1: The weatherproof design includes drainage holes and various accessories for different feed types.

## 6. TROUBLESHOOTING

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

- **No Power/Camera Offline:**

- Ensure the camera battery is fully charged.
- Check that solar panels are clean and receiving direct sunlight.
- Verify the charging cable connection between the solar panel and camera.
- **Wi-Fi Connectivity Issues:**
  - Confirm the feeder is within range of your 2.4GHz Wi-Fi network.
  - Ensure the Wi-Fi antenna is securely attached.
  - Restart your Wi-Fi router and the camera unit.
  - Re-pair the camera with the app following the setup instructions.
- **Poor Image/Video Quality:**
  - Clean the camera lens.
  - Ensure there are no obstructions in front of the lens.
  - Check your Wi-Fi signal strength; a weak signal can affect streaming quality.
- **Inaccurate AI Identification:**
  - Ensure the camera lens is clean and provides a clear view of the bird.
  - Verify that the bird is fully within the camera's field of view.
  - AI identification accuracy may vary and can sometimes misidentify species.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Tutoview
Model Number	QW5
Camera Resolution	2.5K HD
Wi-Fi Connectivity	5GHz & 2.4GHz
Battery Capacity	5500mAh
Solar Panel Power	2 x 5W (Total 5W)
Seed Capacity	2.5 Liters
Material	Metal, Plastic
Weatherproof Rating	IP66
Product Dimensions	8"L x 12"W x 10"H
Item Weight	2.2 Pounds

## 8. IMPORTANT NOTES

Please observe the following guidelines for safe and responsible use:

- Always follow local regulations and guidelines for feeding wildlife.
- Avoid feeding certain species or types of food that may be harmful or protected.
- Always secure the feeder to prevent access by larger animals.

## 9. WARRANTY AND SUPPORT

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Specific warranty details and direct support contact information are not provided in the product data. Please refer to the product packaging or the manufacturer's official website for the most up-to-date warranty policy and customer support options.