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› BEENOCAM 4K Solar Security Camera Wireless Outdoor with Dual-Lens, 360°PTZ (Model QW6) Instruction Manual

## BEENOCAM QW6

# BEENOCAM 4K Solar Security Camera Wireless Outdoor with Dual-Lens, 360°PTZ (Model QW6) Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your BEENOCAM 4K Solar Security Camera (Model QW6). Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

## 2. PRODUCT OVERVIEW

### 2.1. Package Contents

- BEENOCAM 4K Solar Security Camera (Model QW6)
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

### 2.2. Key Features

- **4K Ultra HD Resolution:** Captures video at 3840x2160 pixels for clear imaging.
- **Dual-Lens System:** Features both telephoto and wide-angle lenses for enhanced surveillance.
- **360° PTZ Coverage:** Offers 355° horizontal pan and 90° vertical tilt for comprehensive area monitoring.
- **Solar & Battery Powered:** Equipped with a solar panel for continuous charging and a high-capacity battery for uninterrupted operation.
- **Advanced Night Vision:** Supports Infrared, Full-Color, and Intelligent (sound and light alarm) night vision modes.
- **PIR Motion Detection & Auto Tracking:** Detects human movement and automatically tracks subjects, reducing false alarms.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication.
- **Dual-Band Wi-Fi:** Supports 2.4GHz and 5GHz Wi-Fi for stable connectivity with 5dBi dual antennas.

- **IP66 Weatherproof:** Designed to withstand various outdoor conditions including rain, sun, snow, and dust.
- **Flexible Storage:** Supports Micro SD card storage (up to 256GB, not included) and cloud storage options.
- **Smart Home Integration:** Compatible with Amazon Alexa.



Image 2.2.1: BEENOCAM 4K Solar Security Camera with included solar panel for continuous power.

# INNOVATIVE DUAL LENS



Telephoto Lens



Wide Angle Lens



Image 2.2.2: The camera features an innovative dual-lens system, combining a telephoto lens and a wide-angle lens for versatile monitoring.

## 3. SETUP

### 3.1. Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable. This ensures optimal performance and battery life, especially during initial setup or periods of low sunlight.

### 3.2. App Download and Account Registration

1. Scan the QR code provided in the quick start guide or visit [veepai.com/veecam\\_download.html](http://veepai.com/veecam_download.html) to download the "O-KAM" application on your smartphone.
2. Install the app and create a new account or log in if you already have one.



**Step 1:** Scan the QR code with the camera to download the "O-KAM" App, Register or login account.



**Step 2:** Full charge and follow the steps to connect, Network configuration, pls be sure connect the 2.4GHZ WIFI.



**Step 3:** Add camera to your phone

Image 3.2.1: Visual guide for downloading the O-KAM app and adding the camera to your phone.

### 3.3. Network Configuration

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera supports both 2.4GHz and 5GHz Wi-Fi, but initial setup often requires 2.4GHz.
2. Follow the in-app instructions to connect the camera to your Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera.

### 3.4. Camera Mounting

Select a suitable outdoor location for mounting the camera and solar panel. Ensure the solar panel receives adequate direct sunlight throughout the day for optimal charging. Use the provided mounting bracket and screws to securely attach the camera and solar panel to a wall or other stable surface.

# Solar-Powered 365 days Uninterrupted Security

Rechargeable Battery with Solar Panel/USB



2-3 months

other



6-9 months

BEENOZO

One Charge Last For 6-9 Months

Please fully charge for the first use  
6-9 months is lab data 15-25 times motion-triggered per day



Image 3.4.1: The camera is solar-powered, ensuring continuous operation. The solar panel should be positioned to maximize sun exposure.

## 4. OPERATING INSTRUCTIONS

### 4.1. Live View and PTZ Control

Open the O-KAM app to access the live video feed from your camera. Use the on-screen controls to pan (355° horizontally) and tilt (90° vertically) the camera, allowing you to monitor different areas.

## 8X Hybrid Zoom, Pan 355° / Tilt 90°



Image 4.1.1: The app interface allows for 8X hybrid zoom and precise pan/tilt control of the camera.

### 4.2. Motion Detection and Alerts

The camera features a sensitive PIR motion sensor. When human motion is detected, the camera can:

- Send real-time push notifications to your mobile phone.
- Automatically track the detected movement.
- Activate an alarm sound and spotlight to deter intruders.

You can customize detection areas and alert settings within the O-KAM app to focus on key zones and minimize false alarms.

# Auto Tracking & Alert

(Humanoid Tracking & Humanoid Framing)

False Alarm Rate < 0.001%

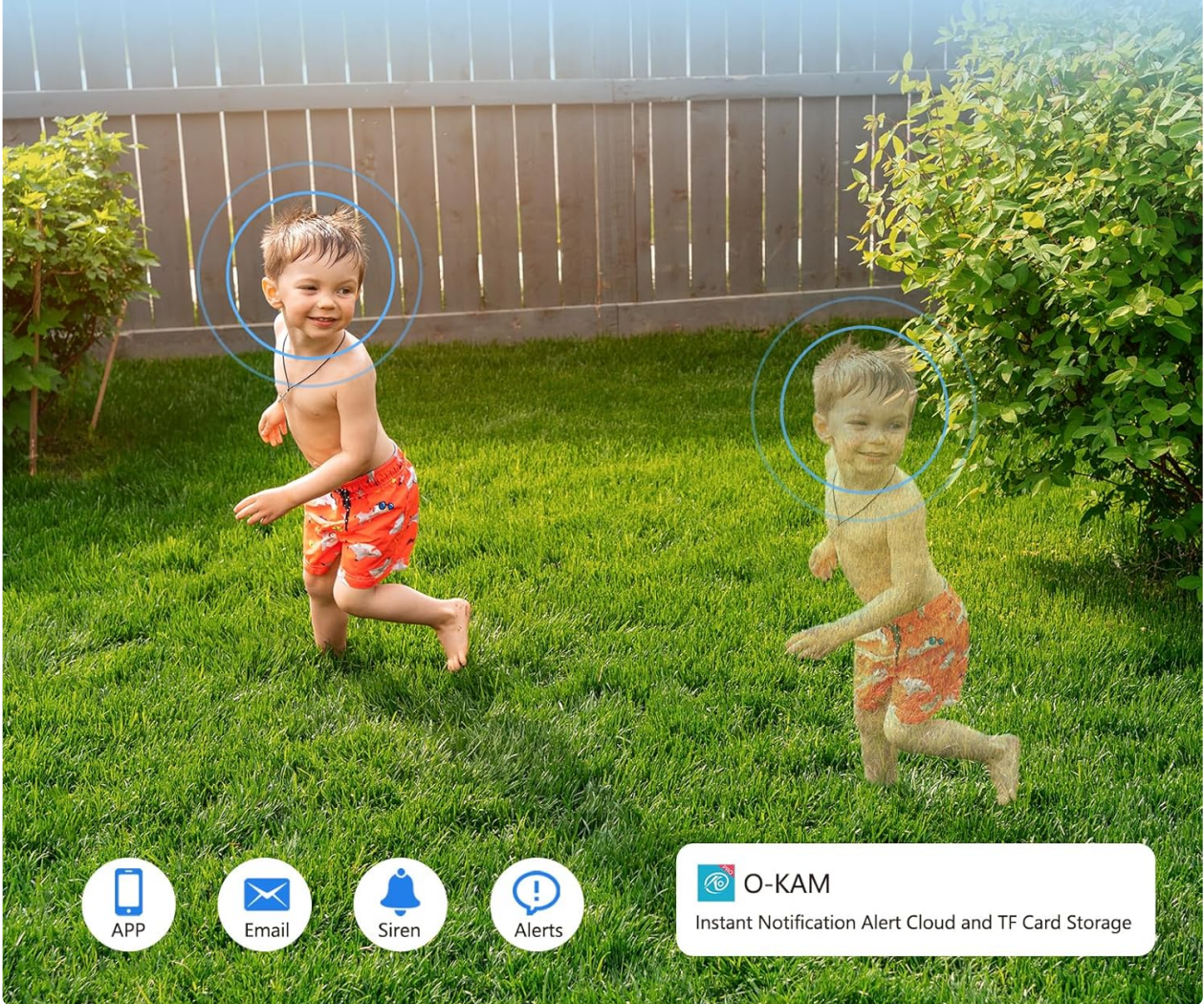


Image 4.2.1: The camera's auto-tracking feature identifies and follows human movement, triggering alerts and alarms.

# PIR Motion Activated & Alarm

More alarm options to protect your home, such as lights, sounds, fire alarm bells, 110 alarm sounds and also customizable alarms



Image 4.2.2: The PIR motion-activated alarm system provides various options to protect your property, including sound and light alarms.

## 4.3. Night Vision Modes

The camera offers three night vision modes, selectable via the app:

- **Infrared Night Vision:** Provides clear black and white images in low light.
- **Full-Color Night Vision:** Utilizes built-in spotlights to capture color images at night.
- **Intelligent Night Vision:** Automatically switches to color night vision upon motion detection.

# Night Vision Modes

Excellent image quality, better viewing experience.



Infrared night vision



Full-color night vision



Sound and light alarm night vision

Image 4.3.1: The camera supports infrared, full-color, and intelligent night vision modes for optimal visibility in darkness.

## 4.4. Two-Way Audio

Utilize the built-in microphone and speaker to communicate with visitors or deter unwanted individuals directly through the app.



Image 4.4.1: The two-way audio feature allows for direct communication with individuals near the camera.

## 4.5. Storage Options

Recorded video footage can be stored in two ways:

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the designated slot on the camera.
- **Cloud Storage:** Subscribe to the optional cloud storage service via the O-KAM app for secure, encrypted data backup.



Image 4.5.1: The camera supports both local Micro SD card storage and secure cloud storage.

## 5. MAINTENANCE

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### 5.1. Cleaning

Periodically clean the camera lenses and solar panel with a soft, damp cloth to ensure clear image quality and efficient solar charging. Avoid using harsh chemicals or abrasive materials.

### 5.2. Battery Management

The camera's battery is designed for long-term use with solar charging. In prolonged periods of low sunlight, you may need to manually charge the camera via its USB port to maintain operation.

### 5.3. Firmware Updates

Regularly check the O-KAM app for available firmware updates. Keeping your camera's firmware updated ensures optimal performance, security, and access to new features.

## 6. TROUBLESHOOTING

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### 6.1. Camera Not Connecting to Wi-Fi

- Ensure your router is broadcasting a 2.4GHz Wi-Fi signal.
- Verify the Wi-Fi password is entered correctly.
- Move the camera closer to the Wi-Fi router during setup.
- Restart both the camera and your Wi-Fi router.

### 6.2. Poor Image Quality

- Clean the camera lenses to remove any dirt or smudges.

- Ensure there are no obstructions blocking the camera's view.
- Check your Wi-Fi signal strength; a weak signal can affect streaming quality.

### 6.3. Motion Detection Not Working

- Verify that motion detection is enabled in the O-KAM app settings.
- Adjust the sensitivity settings.
- Ensure the camera's view is not obstructed.
- Check the battery level; low battery can affect sensor performance.

### 6.4. Battery Not Charging

- Ensure the solar panel is clean and free from obstructions.
- Verify the solar panel is positioned to receive direct sunlight for several hours daily.
- Check the connection between the solar panel and the camera.
- If necessary, charge the camera directly using the USB cable.

## 7. SPECIFICATIONS

Feature	Specification
Model Name	QW6
Video Capture Resolution	4K (3840x2160)
Effective Still Resolution	8 MP
Optical Zoom	8x
Pan/Tilt Range	355° Pan, 90° Tilt
Connectivity Technology	Wireless (2.4/5GHz Wi-Fi)
Power Source	Solar Powered, Battery Powered
International Protection Rating	IP66
Night Vision Range	33 Feet
Frame Rate	15 frames per second
Storage Options	Micro SD (up to 256GB), Cloud Storage
Compatible Devices	Android, iOS, Amazon Alexa
Item Dimensions (L x W x H)	1 x 1 x 1 inches (Note: These dimensions may be indicative and not precise for the full product.)
Item Weight	2.29 pounds (1.04 Kilograms)
Batteries	2 Lithium Polymer batteries (included)

## 8. WARRANTY INFORMATION

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Specific warranty details are typically provided with your purchase documentation or on the manufacturer's official website. Please refer to these resources for information regarding warranty coverage, duration, and claims procedures.

## **9. SUPPORT**

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For technical assistance, troubleshooting beyond this manual, or customer service inquiries, please refer to the contact information provided with your product packaging or visit the BEENOCAM official support channels.