



[Manuals.plus](#) /

> [DETIKO](#) /

> DETIKO Solar Security Camera Wireless Outdoor User Manual

## DETIKO QJ01

# DETIKO Solar Security Camera Wireless Outdoor User Manual

Model: QJ01 | Brand: DETIKO

## 1. INTRODUCTION

---

This manual provides detailed instructions for the installation, operation, and maintenance of your DETIKO Solar Security Camera. Designed for outdoor use, this camera offers advanced surveillance features powered by solar energy, ensuring continuous protection for your home or property.



Figure 1: DETIKO Solar Security Camera and Solar Panel.

## 2. PACKAGE CONTENTS

---

Before beginning installation, please verify that all components are present in your package:

- Solar panel
- Security camera
- Charging Cable
- Mounting bracket
- Screw accessories

## 3. SETUP GUIDE

---

### 3.1 Physical Installation

The DETIKO Solar Security Camera is designed for easy wall-mount installation. Ensure you choose a location with ample sunlight exposure for the solar panel and a clear view for the camera.

Video 1: Easy Setup Guide for DETIKO Solar Security Camera. This video illustrates the simple steps to install the camera and solar panel.

1. **Choose a Location:** Select an outdoor area that provides consistent sunlight for the solar panel and an optimal viewing angle for the camera.
2. **Mount the Solar Panel:** Use the provided screw accessories and mounting bracket to securely attach the solar

panel to a wall. Angle it to maximize sun exposure.

3. **Mount the Camera:** Attach the camera's mounting bracket to the desired location on the wall. Secure the camera to its bracket.
4. **Connect Solar Panel:** Connect the charging cable from the solar panel to the camera's charging port.



Figure 2: Camera and solar panel mounted outdoors, showcasing IP65 waterproof design.

### 3.2 App Installation and Network Connection

To operate your camera, download the dedicated mobile application and connect the camera to your 2.4G WiFi network.

- **Download App:** Search for the 'DETIKO Cam' app on your smartphone's app store (iOS or Android).
- **Create Account:** Follow the in-app instructions to create a new user account.
- **Add Device:** Power on the camera. In the app, select 'Add Device' and follow the prompts to connect your camera to your 2.4G WiFi network. Ensure your Wi-Fi signal is strong at the camera's location.

## 4. OPERATING INSTRUCTIONS

---

#### 4.1 360° Pan View (PTZ)

The camera features a flexible high-speed motor and dual-gimbal rotation, allowing for a 360° panoramic view. You can remotely control the camera's pan and tilt functions via the mobile application to monitor different areas.



Figure 3: Illustrates the 360° panoramic viewing capability.

#### 4.2 Smart Power-saving & Solar Charging

Equipped with a high-density solar panel and a large-capacity polymer lithium battery, the camera can operate for up to 365 days without frequent manual charging, provided sufficient sunlight exposure.

#### 4.3 AI Motion Detection & Real-time Notifications

The camera utilizes AI technology to detect moving objects. Upon detection of suspicious activity within the monitoring range, the camera will automatically sound an alarm and send real-time notifications to your mobile application, enhancing security for your property.

# AI Moving Recognition

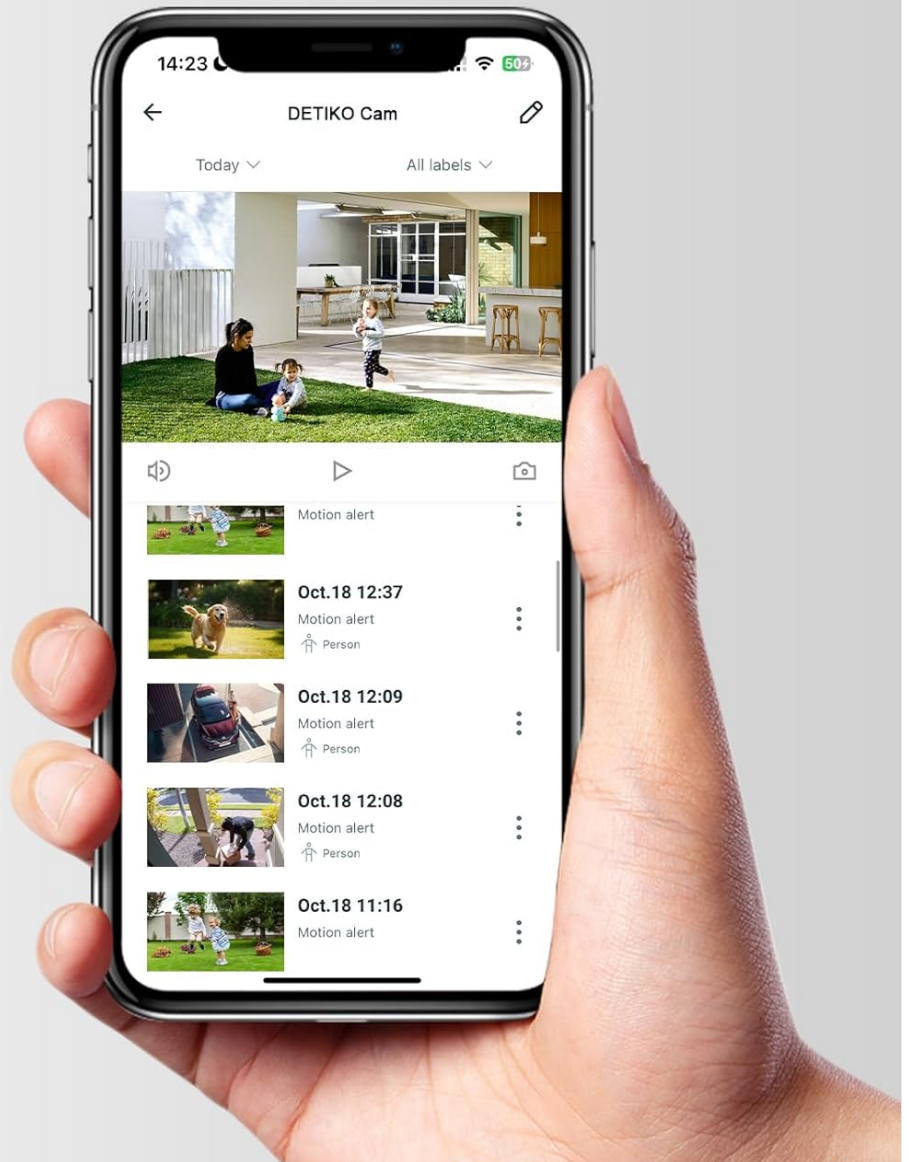


Figure 4: Mobile app displaying AI motion detection alerts.

# Siren/ Light / APP Notification



Figure 5: Real-time notification and siren/light alert system.

## 4.4 Full-color Night Vision

Equipped with built-in dual lights, the camera offers both infrared and full-color night vision modes. You can switch between modes via the app to ensure clear visibility and capture vivid details even in low-light conditions.



Figure 6: Comparison of Color Night Vision and Infrared Night Vision.

#### 4.5 Two-way Audio

The camera supports two-way audio communication, allowing you to speak and listen through the camera via the mobile application. This feature is useful for communicating with visitors or deterring intruders.

# 2 Way Audio Talk



Figure 7: Demonstrates two-way audio communication.

## 4.6 2K High Definition Video

The camera records in 2K high definition, capturing clear and detailed surveillance images. This higher resolution provides enhanced clarity compared to standard 1080p cameras.



Figure 8: 2K vs 1080P video quality comparison.

#### 4.7 Smart Home Integration (Alexa)

The camera is compatible with Amazon Alexa, allowing for voice control and integration into your smart home ecosystem. You can view live feeds using voice commands on compatible devices.

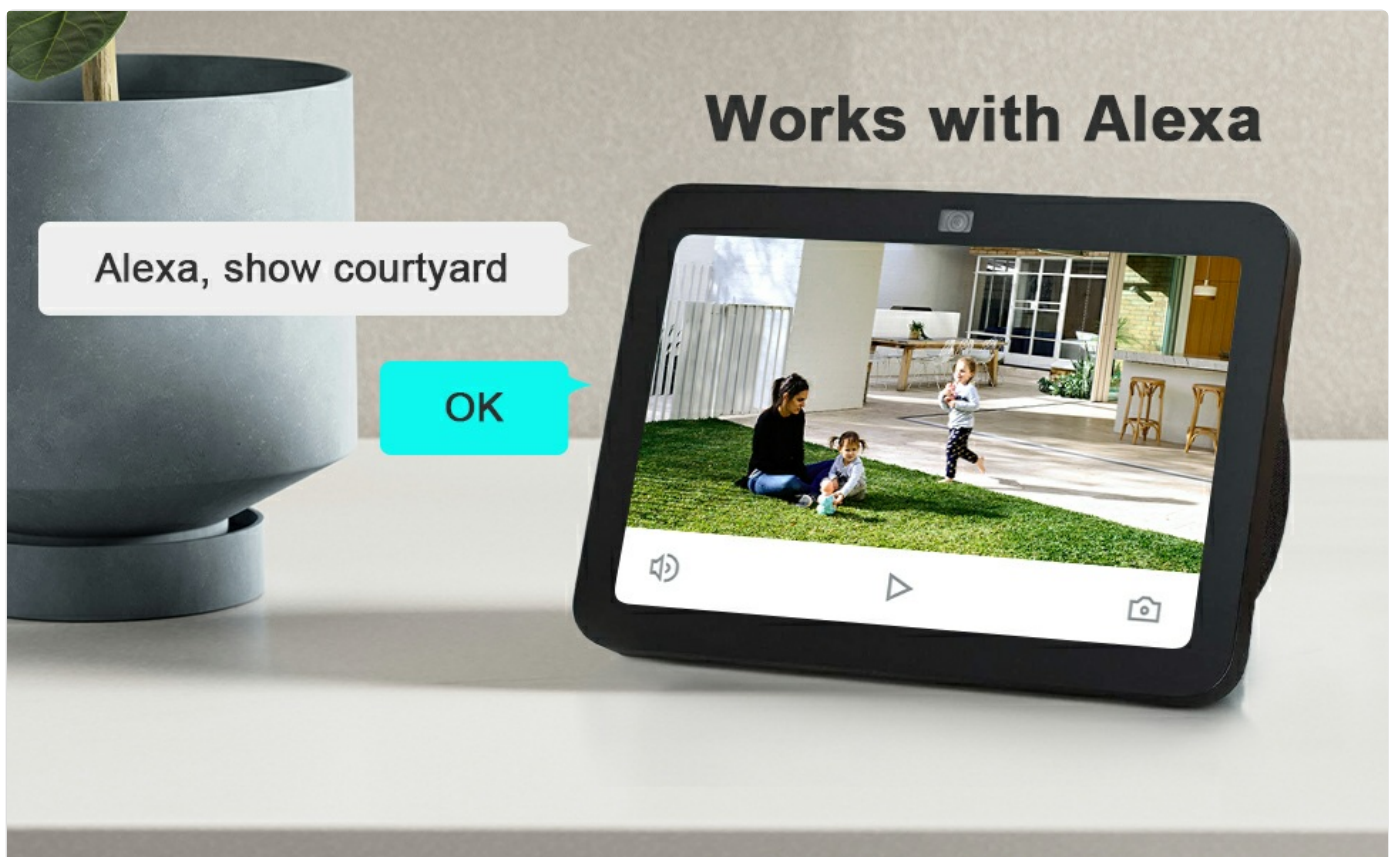


Figure 9: Camera integration with Amazon Alexa.

## 5. MAINTENANCE

---

### 5.1 Weather Resistance

The camera has an IP65 dustproof and waterproof rating, ensuring normal operation in harsh outdoor environments such as rain, sand, and dust. It is designed to work in temperatures ranging from -10°C to 50°C.



Figure 10: Key features including waterproof design.

### 5.2 Cleaning and Care

To maintain optimal performance, periodically clean the camera lens and solar panel with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the surfaces.

### 5.3 Battery Management

While the solar panel provides continuous charging, ensure the solar panel is free from obstructions (e.g., leaves, dirt) to maximize charging efficiency. If the camera's battery level drops significantly due to prolonged lack of sunlight, you may need to manually charge it using the provided charging cable.

## 6. TROUBLESHOOTING

---

- **Camera Offline:** Check your 2.4G WiFi connection and signal strength. Ensure the camera is within range of your router. Restart the camera and your router if necessary.
- **No Solar Charging:** Verify the solar panel is clean and positioned to receive direct sunlight for several hours daily. Check the connection cable between the solar panel and the camera.
- **Motion Detection Issues:** Adjust the motion detection sensitivity settings in the app. Ensure there are no obstructions blocking the camera's view.
- **Poor Video Quality:** Ensure your internet connection is stable. Clean the camera lens.
- **Two-way Audio Not Working:** Check microphone and speaker settings in the app. Ensure volume levels are adequate on both ends.

## 7. SPECIFICATIONS

---

Feature	Specification
Indoor/Outdoor Usage	Outdoor
Compatible Devices	Smartphone, iPhone
Power Source	Solar & Battery Powered
Connectivity Protocol	Wi-Fi (2.4G)
Controller Type	Amazon Alexa
Mounting Type	Wall Mount
Video Capture Resolution	1296p (2K)
Color	White
Number of Items	1
Wireless Communication Technology	Wi-Fi
Form Factor	Dome
Viewing Angle	360 Degrees
Installation Type	Screw In
Night Vision Range	8 Meters
Material	Acrylonitrile Butadiene Styrene (ABS)
Wattage	5 watts
Item dimensions L x W x H	5.09 x 3.8 x 5.8 inches
Water Resistance Level	Waterproof (IP65)
Batteries Required?	Yes (2 Lithium Ion batteries included)
Item Weight	1.38 Pounds
Video encoding	H.264

Feature	Specification
Shape	Dome
Focus Type	Auto Focus
Low light technology	Yes
Alert Type	Audio and Motion
Room Type	Classroom, Garage, Office, Store Room
Video Capture Format	MP4
Specific Uses For Product	360 Degree Coverage, Surveillance
Unit Count	1.0 Count
Photo Sensor Technology	CMOS
Effective Still Resolution	3 MP
Maximum Webcam Image Resolution	3 MP
Control Method	App
Number of IR LEDs	4
Flash Memory Supported Size Maximum	256 GB
Product Grade	Residential
Item model number	QJ01
Manufacturer	DETIKO
Model Name	QJ01-A1
Special Feature	2-Way Audio, Built In Light, IP65 Waterproof, Night Vision, PTZ Technology

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official DETIKO website or contact their customer service. Keep your purchase receipt for any warranty claims.

**DETIKO Official Store:** [Visit the DETIKO Store on Amazon](#)