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› ARCCTV Solar Security Camera Q01 User Manual

## ARCCTV Q01

# ARCCTV Solar Security Camera Q01 User Manual

Model: Q01

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ARCCTV Solar Security Camera Model Q01. Please read this manual thoroughly before using the product to ensure proper function and safety. This camera is designed for outdoor surveillance, featuring 4MP resolution, 360° pan-tilt capabilities, solar power, and dual-band Wi-Fi connectivity.

## 2. PRODUCT OVERVIEW

### 2.1 Package Contents

Verify that all items are present in your package:

- Camera Body
- Solar Panel
- Mounting Screws
- User Manual

# What's in the box



Figure 2.1: Package Contents

## 2.2 Camera Components



Figure 2.2: ARCCTV Solar Security Camera Q01

- **Camera Lens:** 4MP resolution for clear video capture.
- **Infrared LEDs:** For night vision.
- **Spotlight:** Provides illumination for color night vision and alerts.
- **PIR Motion Sensor:** Detects human movement.
- **Microphone:** For audio input.
- **Speaker:** For two-way audio output and siren.
- **Antennas:** For 2.4GHz and 5GHz Wi-Fi connectivity.
- **Solar Panel Port:** Connects the solar panel for continuous charging.
- **MicroSD Card Slot:** Supports up to 128GB for local storage.

## 3. SETUP AND INSTALLATION

### 3.1 Charging the Camera

Before initial use, fully charge the camera's internal battery using the provided USB cable and a 5V/2A power adapter (not included). This ensures sufficient power for setup and operation, especially if solar charging conditions are initially poor.

### 3.2 App Download and Account Registration

Download the ARCCTV app from your smartphone's app store (iOS or Android). Follow the in-app instructions to register a new account or log in if you already have one.



Figure 3.1: Initial Setup Steps

### 3.3 Wi-Fi Connection

The camera supports both 2.4GHz and 5GHz Wi-Fi networks. For the initial configuration, place the camera as close as possible to your Wi-Fi router. The app will guide you through connecting the camera to your home network.



Figure 3.2: Dual-Band Wi-Fi Connectivity

### 3.4 Mounting the Camera and Solar Panel

The camera is 100% wireless, allowing for flexible placement. Choose a location with optimal sunlight exposure for the solar panel and a strong Wi-Fi signal. Use the included mounting screws and adjustable bracket to secure the camera and solar panel.

# Solar-Powered

Upgraded solar panel for more efficient charging



Figure 3.3: Solar-Powered Installation



Figure 3.4: Wireless Installation

## 4. OPERATING INSTRUCTIONS

### 4.1 Live View and Pan-Tilt Control

Access the live feed through the ARCCTV app. Use the on-screen controls to pan the camera 355° horizontally and tilt 90° vertically, providing comprehensive coverage of your monitored area.

# 360° Coverage for Your Home

APP Remote Control

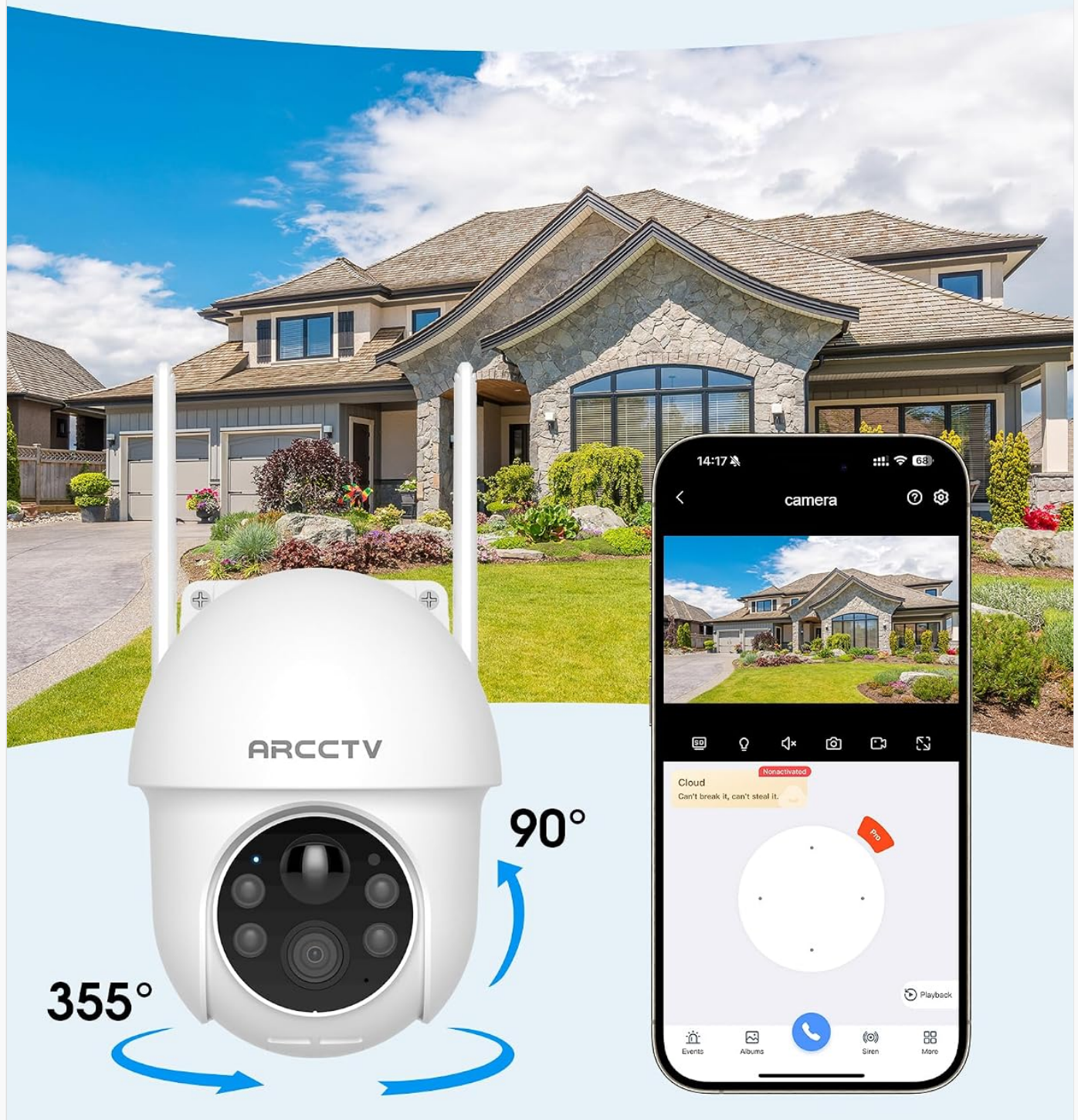


Figure 4.1: 360° Coverage with App Remote Control

## Wide-Angle Monitoring

Using the app, you can control the camera's rotation angle, which pans 355° horizontally and tilts 90° vertically



Figure 4.2: Wide-Angle Monitoring

## 4.2 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. Speak through the app to communicate with individuals near the camera, or listen to audio from the camera's location.



Figure 4.3: Two-Way Audio Communication

## 4.3 Night Vision and Spotlight

The camera features advanced night vision capabilities, including infrared for black and white vision and a built-in spotlight for full-color night vision. The spotlight can also be activated as a deterrent.

# 4MP QHD Night Vision



Figure 4.4: 4MP QHD Night Vision

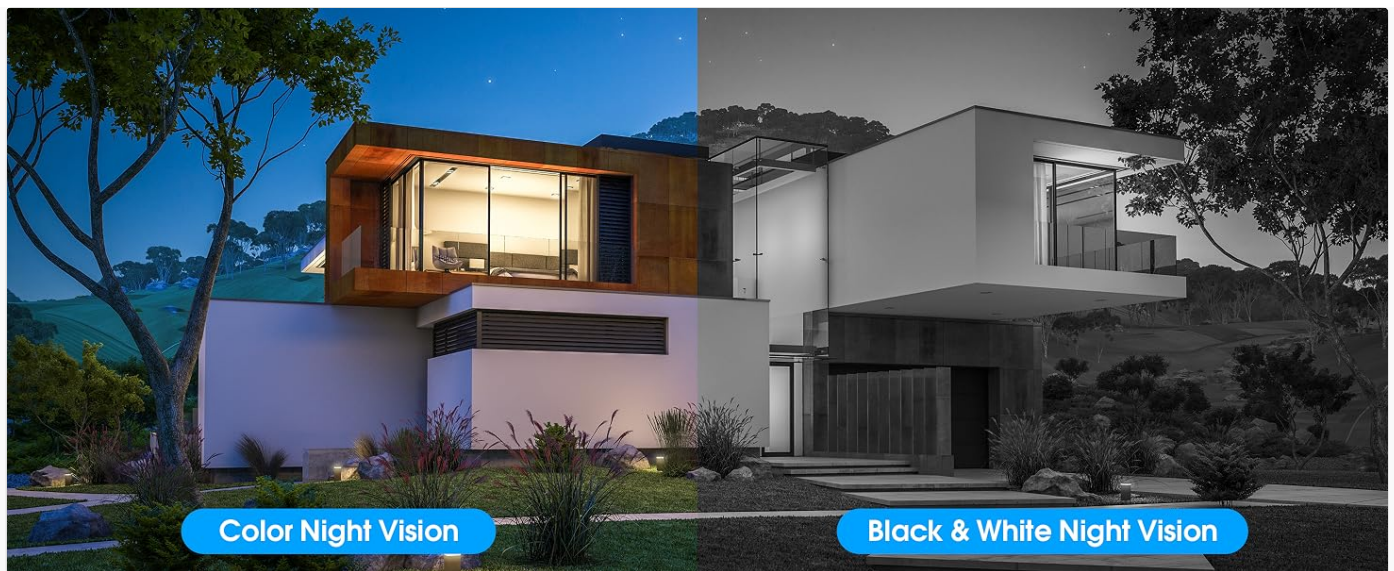


Figure 4.5: Color and Black & White Night Vision

## 4.4 Motion Detection and Alerts

The integrated PIR motion sensor detects human movement, minimizing false alarms from environmental factors. Configure alert settings in the app to receive instant notifications on your smartphone when motion is detected. You can also set up specific alarm zones.

# Instant Alerts

Flexible and customizable settings



ARCCTV



300 Lumens



Siren Warning



2-Way-audio

Figure 4.6: Instant Alerts and Security Features

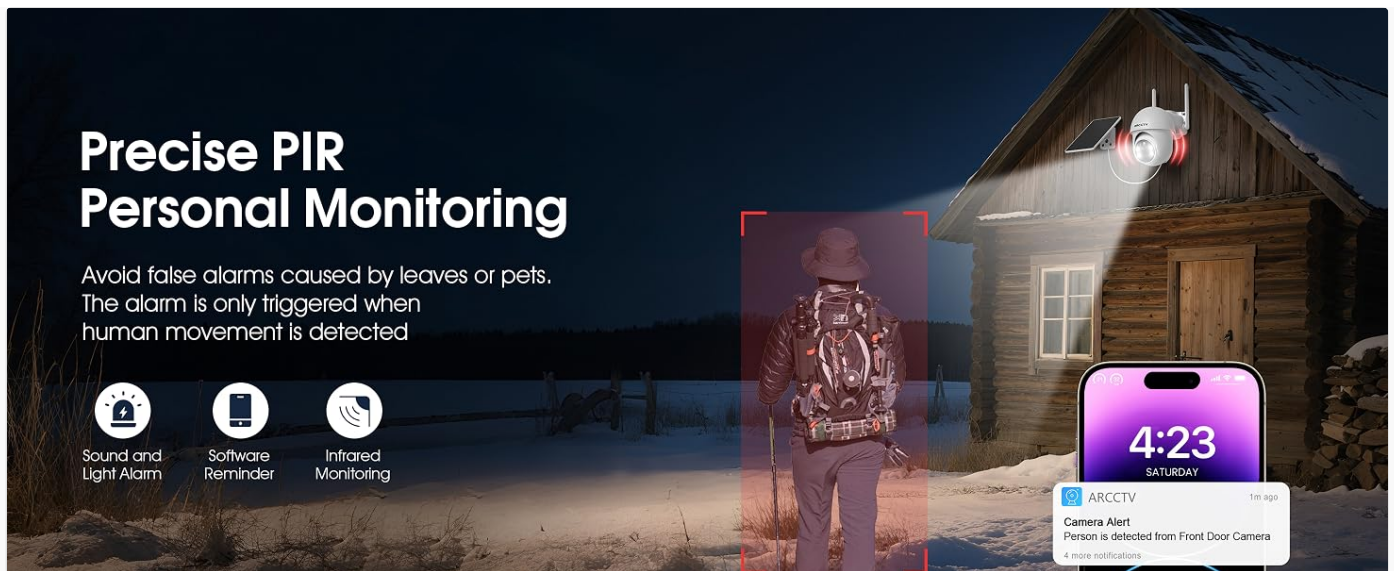


Figure 4.7: Precise PIR Personal Monitoring

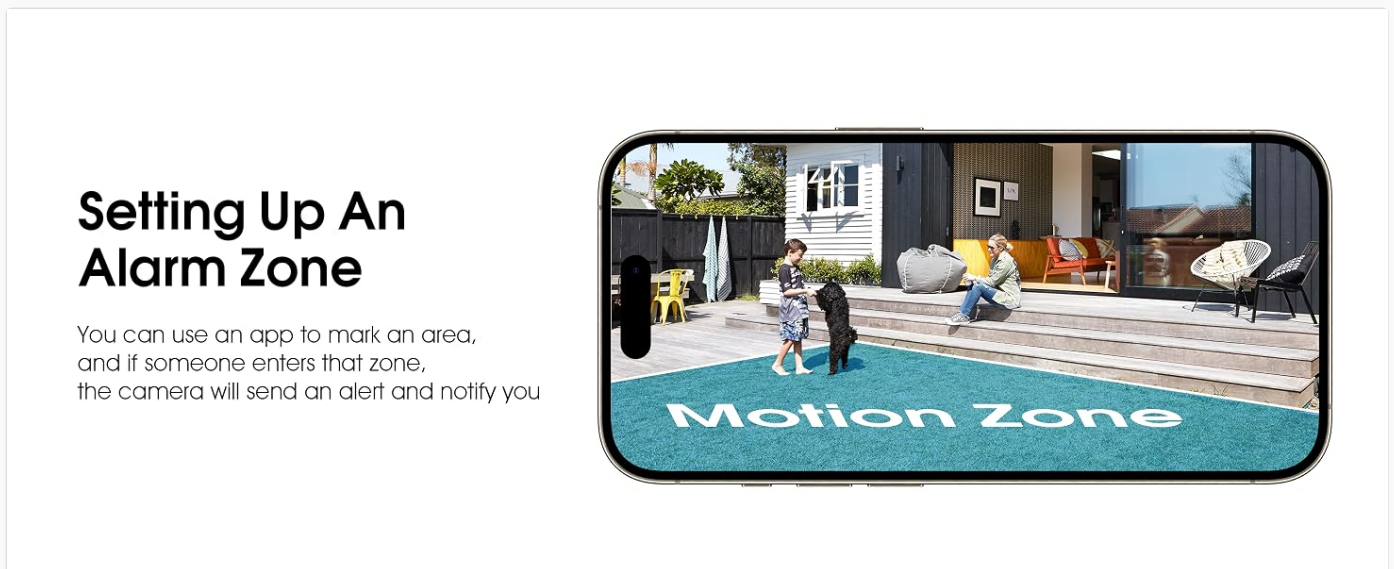


Figure 4.8: Setting Up an Alarm Zone

## 4.5 Storage Options

The camera offers two storage methods for recorded footage:

- **MicroSD Card:** Insert a microSD card (up to 128GB, not included) into the designated slot for local storage. This option provides free recording without monthly fees.
- **Cloud Storage:** An optional cloud storage subscription is available for remote backup and advanced features. Refer to the ARCCTV app for subscription details.

## Supports SD card storage

Videos will be saved on the SD card, which supports up to 128GB. The SD card is not included in the product.  
(Scope of delivery without memory card)



Figure 4.9: MicroSD Card Storage

## Encrypted Cloud Storage

With cloud storage, you don't have to worry about data leaks. It offers triple encryption for data, transmission, and storage, and video data is retained even if the device is damaged

Please note: Cloud storage services require a fee



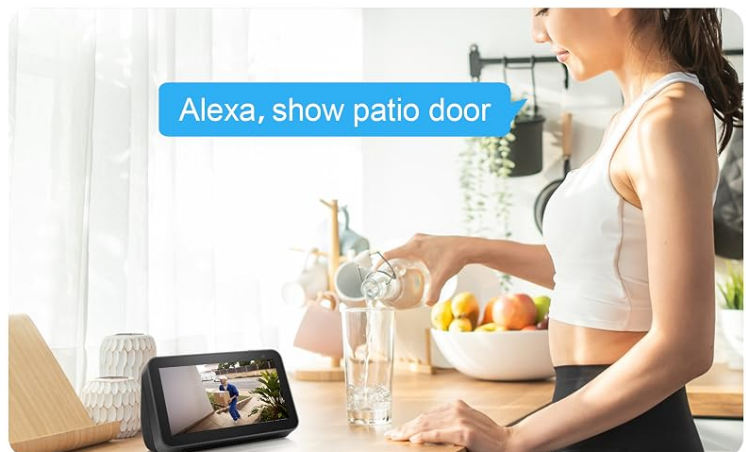
Figure 4.10: Encrypted Cloud Storage

## 4.6 Alexa Compatibility

The camera is compatible with Amazon Alexa. Integrate your camera with Alexa-enabled devices for voice control and viewing live feeds on compatible smart displays.

## Compatible with Alexa

The camera supports connecting to Alexa for easier operation



## 5. MAINTENANCE

### 5.1 Cleaning the Camera and Solar Panel

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance. Avoid abrasive cleaners or harsh chemicals.

### 5.2 Battery Care

The camera uses a rechargeable battery. While the solar panel provides continuous charging, ensure the solar panel receives adequate sunlight. In prolonged periods of low sunlight, the camera may require manual charging via its USB port.

### 5.3 Weather Resistance

The camera is designed to be waterproof (IP65 rated) and can withstand various weather conditions. However, extreme weather events may temporarily affect performance or require additional protection.

## Windproof and Rainproof

Capable of withstanding harsh weather  
without compromising performance



Figure 5.1: Windproof and Rainproof Design

## 6. TROUBLESHOOTING

- **Camera not powering on:** Ensure the battery is charged. Connect the camera to a power source using the USB cable to confirm.
- **Cannot connect to Wi-Fi:**
  - Ensure the camera is within range of your Wi-Fi router.
  - Verify your Wi-Fi password is correct.
  - Try connecting to both 2.4GHz and 5GHz networks if available.
  - Restart your router and the camera.
- **Poor video quality:**
  - Check your Wi-Fi signal strength. A weak signal can affect streaming quality.
  - Ensure the camera lens is clean.

- Verify the camera is set to 4MP resolution in the app settings.

• **Motion alerts not working:**

- Check motion detection settings in the app.
- Ensure PIR sensor is not obstructed.
- Verify app notifications are enabled on your smartphone.

• **Solar panel 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 cable between the solar panel and the camera.

7. SPECIFICATIONS

| Feature                | Detail                                                            |
|------------------------|-------------------------------------------------------------------|
| Model                  | Q01                                                               |
| Video Resolution       | 4MP (2560×1440P)                                                  |
| Pan/Tilt Range         | 355° Horizontal, 90° Vertical                                     |
| Power Source           | Battery Powered & Solar Powered                                   |
| Connectivity           | 2.4GHz / 5GHz Dual-Band Wi-Fi                                     |
| Night Vision Range     | Up to 33 feet (10 meters)                                         |
| Storage Options        | MicroSD Card (up to 128GB), Cloud Storage (subscription required) |
| Audio                  | Two-Way Audio                                                     |
| Motion Detection       | PIR Motion Sensor                                                 |
| Weather Resistance     | Waterproof (IP65)                                                 |
| Dimensions (L x W x H) | 8.39 x 5.16 x 6.1 inches                                          |
| Weight                 | 1.83 pounds (0.83 kg)                                             |
| Included Components    | Camera Body, Mounting Screw, Solar Panel, User Manual             |

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 ARCCTV website. Keep your purchase receipt for warranty claims.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**