Yakry CQ1

Yakry Security Camera User Manual

Model: CQ1

1. Introduction

Thank you for choosing the Yakry Security Camera. This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your wireless outdoor security camera. Designed for continuous power supply with its 5W solar panel and 9000mAh rechargeable battery, this 2K 3MP camera offers reliable surveillance with advanced features like 355° pan/tilt, PIR motion tracking, AI image analysis, and two-way audio. Please read this manual carefully before using the product to ensure proper installation and optimal performance.



Figure 1: Yakry Security Camera and Solar Panel

This image displays the main components of the Yakry security camera system, including the camera unit with its dual antennas and lens, and the accompanying solar panel designed for continuous power.

2. Product Overview

2.1 Key Features

- **100% Wireless & Solar Powered:** Equipped with a 5W solar panel and 9000mAh rechargeable battery for 365 days of continuous power.
- **2K 3MP Resolution:** Provides clear images and video with a 1/3 CMOS color sensor.
- **Dual Night Vision Modes:** Choose between infrared (IR) or white light night vision for clear visibility in low light.
- **Flexible Pan & Tilt:** 355° horizontal and 90° vertical rotation controllable via the app for comprehensive coverage.
- **IP66 Waterproof:** Designed to withstand various weather conditions.
- **PIR Motion Tracking & AI Image Analysis:** Reduces false alarms by focusing on human and object movement, sending alerts to your mobile app.

- **Two-Way Audio:** Communicate in real-time through the camera via the mobile application.
- **Multi-Family Sharing:** Easily share camera access with family members.
- **Local & Cloud Storage:** Supports Micro SD card storage up to 128GB and offers free 3-day encrypted cloud storage.

2.2 Package Contents

Please ensure all items are present in your package:

- Yakry Security Camera (Model: CQ1)
- 5W Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

3. Setup and Installation

The Yakry security camera is designed for easy, wire-free installation. Follow these steps for quick setup.

1. **Download the App:** Search for and download the "VicoHome" app from your smartphone's app store (iOS or Android).
2. **Connect to 2.4G WiFi:** Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera only supports 2.4GHz Wi-Fi for initial setup and operation.
3. **Mounting:** Choose a suitable outdoor location with good Wi-Fi signal and ample sunlight for the solar panel. Use the provided mounting bracket and screws to securely attach the camera and solar panel to a wall or desired surface.



Figure 2: 5-10 Mins Easy Installation

This image illustrates the three simple steps for setting up the Yakry camera: downloading the app, connecting to 2.4G WiFi, and mounting the camera on a wall.



Figure 3: Power for 365 Days

This image highlights the efficiency of the 5W solar panel, ensuring continuous power supply for the camera even on cloudy days, compared to a 3W panel.

4. Operating the Camera

Once installed, you can control and monitor your Yakry camera using the VicoHome app.

4.1 Live View and Pan/Tilt Control

Access the live feed from your camera through the app. Use the on-screen controls to remotely adjust the camera's viewing angle.

- **Horizontal Rotation:** 355°
- **Vertical Rotation:** 90°



Figure 4: Great Range of Motion

This image demonstrates the camera's extensive pan (355°) and tilt (90°) capabilities, allowing users to scan and capture a wide area.

4.2 Two-Way Audio

The camera supports two-way audio communication. Tap the microphone icon in the app to speak through the camera's speaker, and listen to audio from the camera's microphone.



Figure 5: Two-Way Audio & Share with Family

This image illustrates the two-way audio feature, showing a person speaking through the camera, and the ability to share camera access with multiple family members.

4.3 Night Vision Modes

The camera offers two night vision options for clear monitoring in the dark:

- **LED Light Mode:** Provides full-color night vision using built-in white LED lights.
- **IR Light Mode:** Traditional infrared night vision for black and white images in complete darkness.

You can select your preferred mode in the app settings.



Figure 6: 2K Clear Night Vision

This image compares the two night vision modes: LED Light Mode (color) and IR Light Mode (infrared, black and white), demonstrating the camera's ability to capture details in the dark.

4.4 Motion Detection and AI Analysis

The camera features PIR infrared induction detection and AI cloud image analysis to accurately detect motion and reduce false alarms.

- **Motion Tracking:** The camera can automatically track detected movement within its field of view.
- **Customized Focus Area:** Set specific areas within the camera's view to monitor for motion, filtering out irrelevant information.
- **Alerts:** Receive instant push notifications to your smartphone when motion is detected.
- **Alarm:** The camera can activate a flashing light and siren alert to deter intruders.

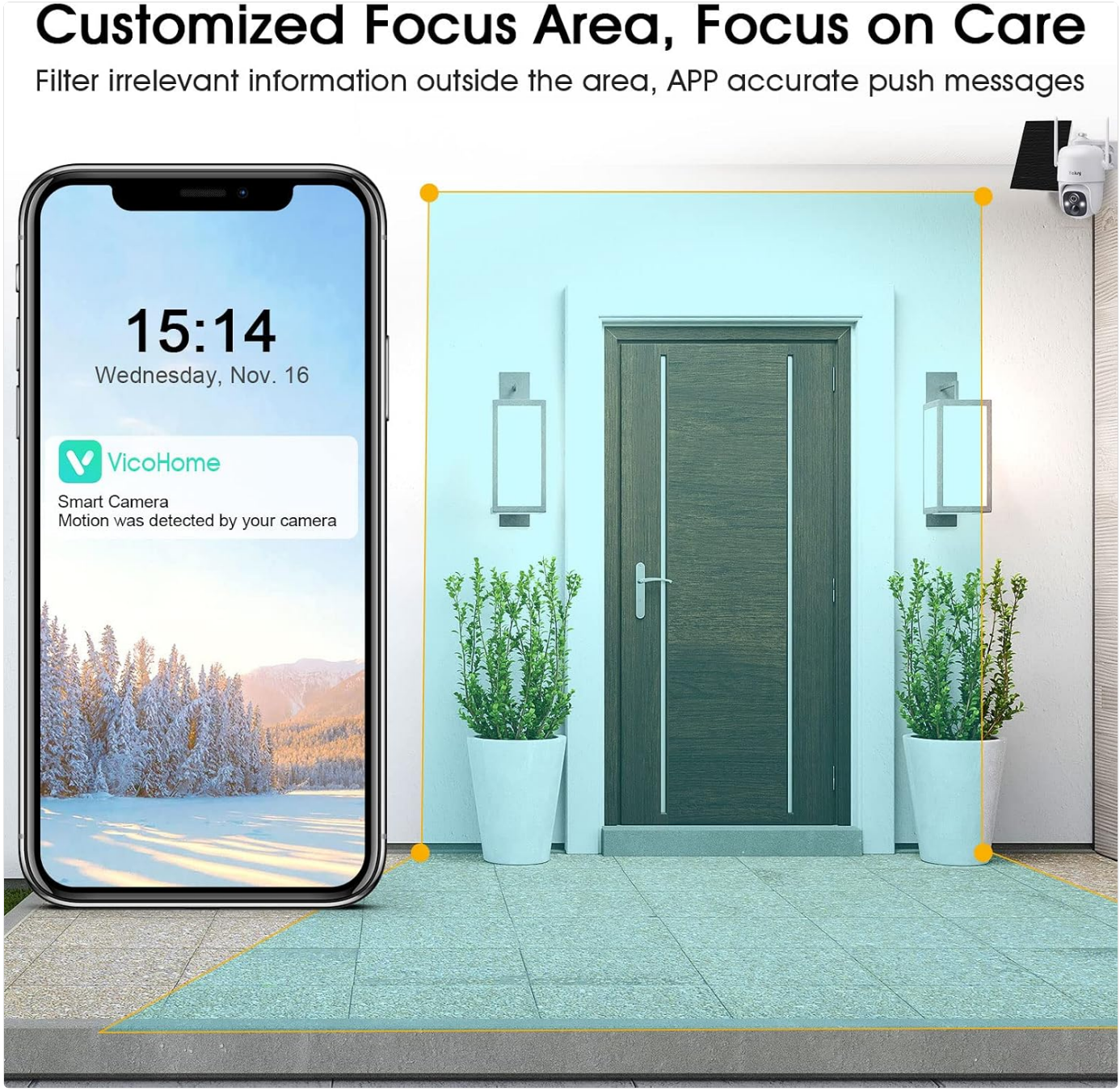


Figure 7: Customized Focus Area

This image shows how users can define a specific area within the camera's view to focus on, ensuring that only relevant motion triggers alerts.



Figure 8: Motion Activated Alarm

This image depicts the camera's motion-activated alarm system, which includes flashing lights and a siren to warn off potential intruders.

4.5 Storage Options

Your camera supports both local and cloud storage for recorded footage.

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot for local storage.
- **Cloud Storage:** The camera comes with a free 3-day encrypted cloud storage trial. Additional cloud plans may be available through the app.



Figure 9: Storage Options

This image illustrates the camera's support for both local storage via a Micro SD card (up to 128GB) and encrypted cloud storage, including a free 3-day trial.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Yakry security camera.

- **Solar Panel Cleaning:** Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris that may reduce charging efficiency.
- **Lens Cleaning:** Gently clean the camera lens with a microfiber cloth to ensure clear image quality. Avoid abrasive materials.
- **Firmware Updates:** Check the VicoHome app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features and security enhancements.
- **Battery Health:** While designed for continuous power, monitor battery levels in the app, especially during prolonged periods of low sunlight or high activity.

6. Troubleshooting

If you encounter issues with your camera, refer to the following common solutions.

Problem	Possible Cause / Solution
Camera not connecting to Wi-Fi	• Ensure your Wi-Fi is 2.4GHz. The camera does not support 5GHz networks. • Check Wi-Fi signal strength at the camera's location. Move the camera closer to the router if needed. • Restart your router and the camera. • Verify correct Wi-Fi password entry in the app.
Poor image quality	• Clean the camera lens. • Ensure sufficient lighting for optimal image capture. • Check your internet connection speed. A slow connection can affect live stream quality.

Problem	Possible Cause / Solution
Solar panel not charging battery	• Ensure the solar panel is positioned to receive direct sunlight for several hours daily. • Clean the solar panel surface from dirt or obstructions. • Verify the solar panel cable is securely connected to the camera.
Motion detection not working or too sensitive	• Adjust motion detection sensitivity settings in the VicoHome app. • Configure customized focus areas to reduce false alarms from irrelevant zones. • Ensure there are no obstructions blocking the camera's view in the detection zone.

7. Specifications

Detailed technical specifications for the Yakry Security Camera (Model: CQ1).

Feature	Detail
Model Number	CQ1
Brand	Yakry
Connectivity Technology	Wireless (Wi-Fi)
Power Source	Battery Powered, Solar
Battery Capacity	9000mAh (rechargeable)
Solar Panel Wattage	5W
Video Capture Resolution	2K (3MP Maximum Webcam Image Resolution)
Field of View	355 Degrees (Pan), 90 Degrees (Tilt)
Night Vision	Infrared, White Light (Color Night Vision)
Motion Detection	PIR Motion Tracking, AI Image Analysis
Audio	Two-Way Audio
Storage	Micro SD Card (up to 128GB), Cloud Storage
International Protection Rating	IP66
Control Method	App (VicoHome)
Item Dimensions (L x W x H)	8.5 x 7.6 x 5 inches
Item Weight	2.75 pounds

8. Warranty and Support

Yakry is committed to providing high-quality products and customer satisfaction.

- **Warranty:** Your Yakry security camera comes with a 2-year Replacement Service.

- **Money-Back Guarantee:** A 30-Day Money-Back Guarantee is provided for each outdoor security camera system.
- **Technical Support:** Yakry offers Lifetime Technical Support for its products.
- **Contact:** For any inquiries or support needs, please refer to the contact information provided on the official Yakry website or within the VicoHome app.

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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.

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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.

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