COOAU Q02

COOAU 5MP Outdoor Surveillance Camera User Manual

Brand: COOAU | Model: Q02

1. INTRODUCTION

Thank you for choosing the COOAU 5MP Outdoor Surveillance Camera. This manual provides essential information for setting up, operating, and maintaining your camera to ensure optimal performance and security for your property. Please read this manual carefully before use and retain it for future reference.

This camera features a 5-megapixel resolution, a 360-degree viewing angle, stable 2.4 GHz Wi-Fi connectivity, H.265 video compression, enhanced night vision with spotlights, and a built-in battery powered by a solar panel for continuous operation.

Image 1.1: The COOAU 5MP Outdoor Surveillance Camera, solar panel, and a smartphone displaying the live feed.

2. PRODUCT FEATURES

- **5MP Ultra HD Resolution & 360° Coverage:** Experience superior image clarity with 2592x1944P resolution. The camera supports 355° horizontal pan and 90° vertical tilt, providing a comprehensive view of your surveillance area.

5MP Ultra HD-Bildqualität

Bietet es Ihnen ein neues hochauflösendes visuelles Überwachungsvergnügen: Vom Unerwarteten zum Unvergesslichen.
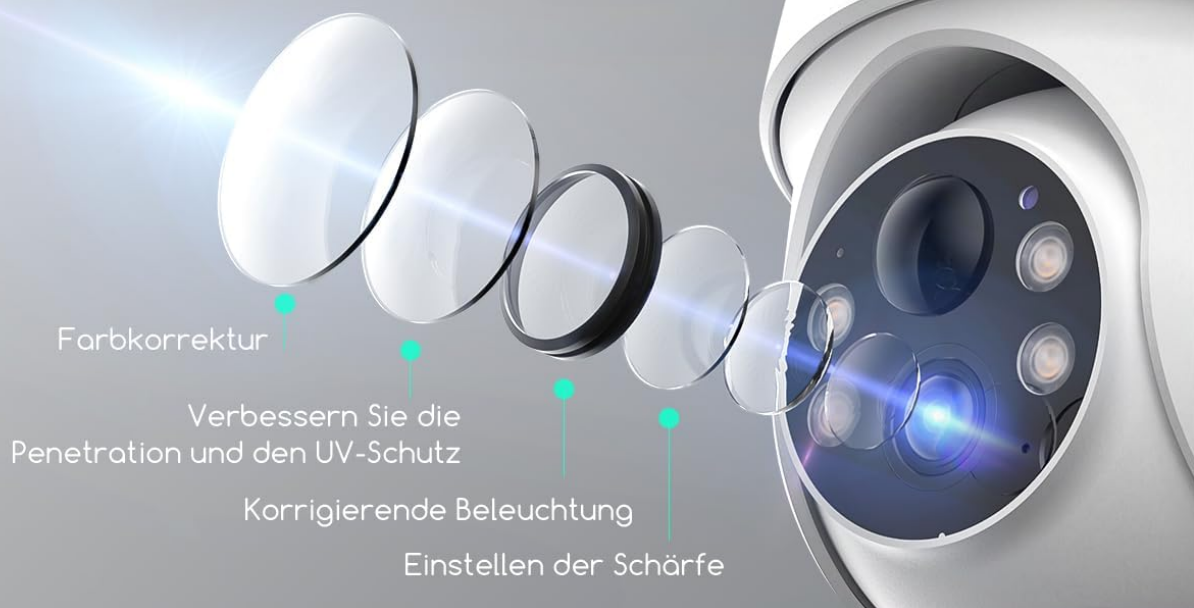

Image 2.1: Detailed view of the camera lens and its 5MP Ultra HD image quality, capable of capturing fine details like a license plate.

- **Stable 4 dBi Wi-Fi Signal:** Equipped with an enhanced 4 dBi Wi-Fi antenna, this camera ensures a stable and responsive network connection, minimizing latency and ensuring reliable event recording.

- **H.265 Video Compression:** Utilizes advanced H.265 video compression technology, which effectively halves video file sizes compared to H.264, allowing for more storage capacity and faster live stream synchronization.

- **Enhanced Night Vision with 4 Spotlights:** Features four integrated LED spotlights for clear and bright color night vision, even in low-light conditions. The camera can also trigger light and sound alarms to deter intruders.

Image 2.2: The camera's 4 spotlights provide clear night vision, extending visibility up to 15 meters.

- **Integrated Battery & Solar Panel:** The camera includes a built-in rechargeable lithium battery and an eco-friendly solar panel, providing continuous power and eliminating the need for frequent manual charging.

100 % Kabellose und Stabile WLAN-Verbindung

Powered by Sonnenschein, mühelos zu installieren, ohne den Ärger der laufenden Drähte. Externe verbesserte 4dBi Antenne, verbessern Signalempfangsempfindlichkeit !

Image 2.3: The camera offers 100% wireless and stable Wi-Fi connectivity, powered by the attached solar panel.

- **IP66 Weatherproof Design:** Built to withstand various environmental conditions, the camera is IP66 rated for dust and water resistance, ensuring reliable operation in cold, wet, or hot weather.

Image 2.4: The camera's IP66 rating ensures durability against dust and water, making it suitable for all weather conditions.

- **PIR Human Detection:** Equipped with a Passive Infrared (PIR) sensor for human body detection, the camera accurately identifies suspicious persons, records events, and sends real-time notifications to your mobile device.
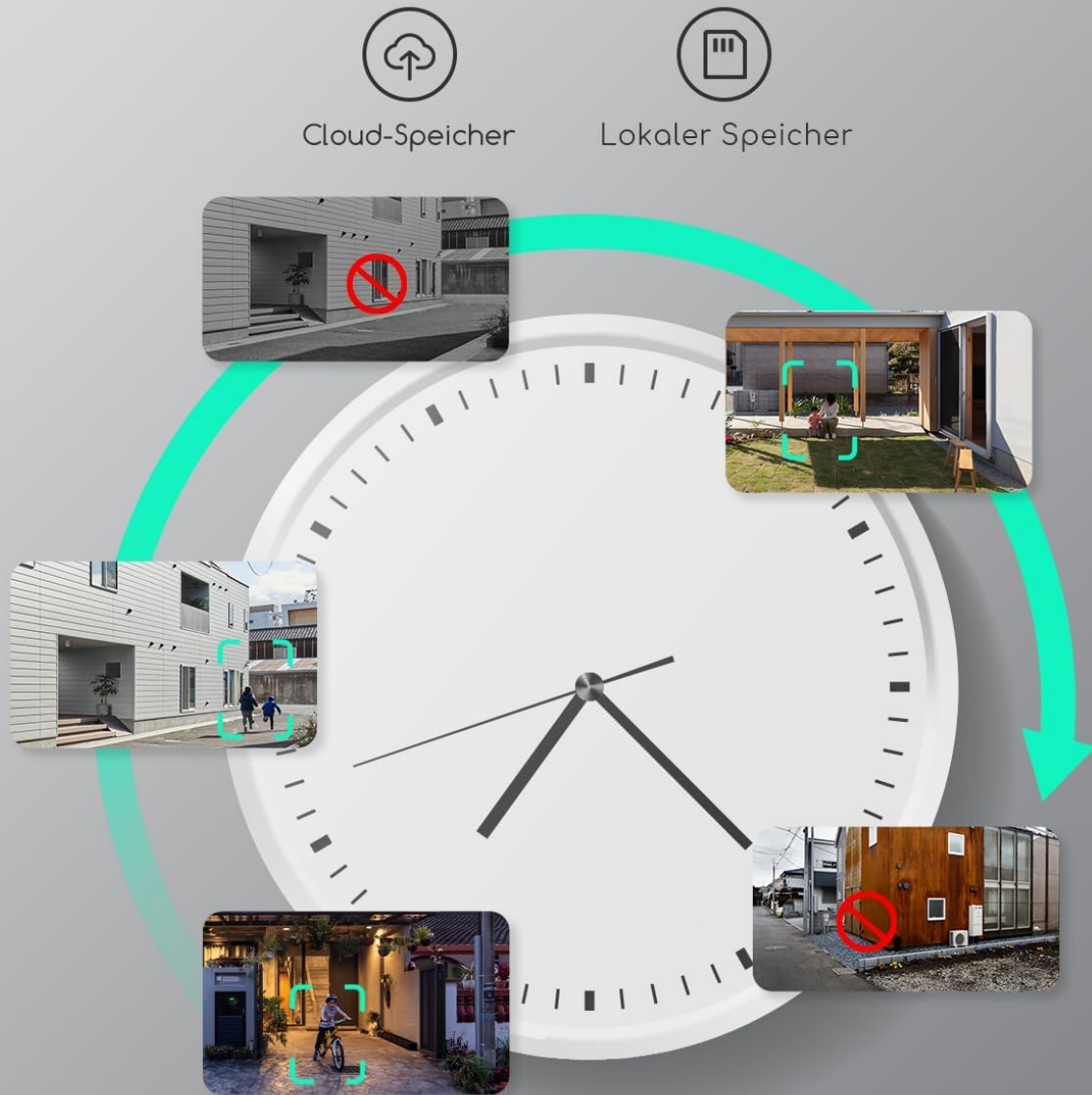
Image 2.5: The camera's PIR human detection system records events and offers both cloud and local storage options.

- **Two-Way Audio Communication:** Features a built-in microphone and speaker, enabling clear two-way audio interaction with visitors or to deter unwanted guests directly through the app.
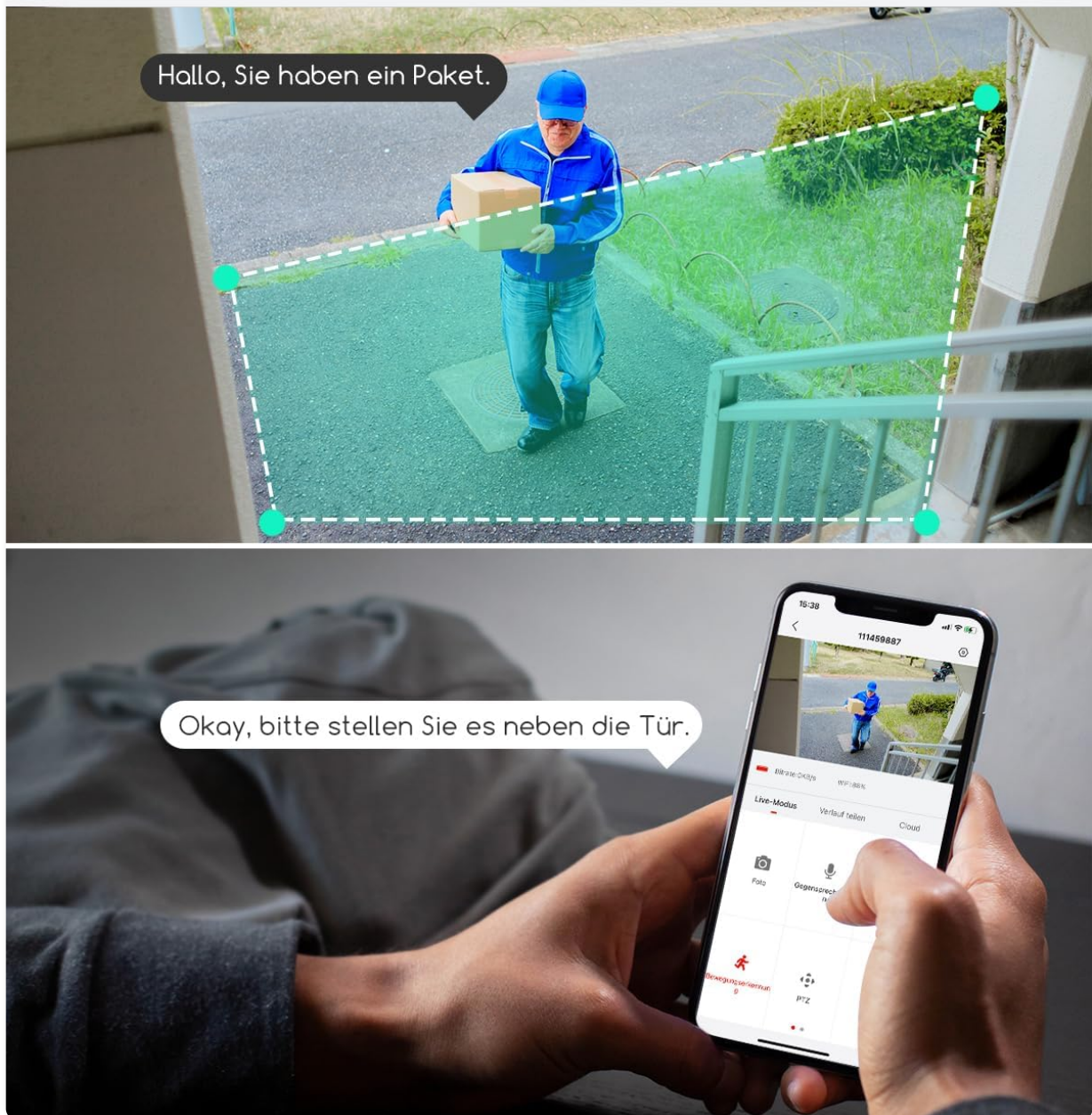
Image 2.6: Remote monitoring and communication are possible with the camera's two-way audio feature, allowing interaction with individuals at your door.

3. PACKAGE CONTENTS

Please check the package contents upon receipt. If any items are missing or damaged, contact customer support.

- COOAU 5MP Outdoor Surveillance Camera (Model Q02)
- Solar Panel
- Mounting Bracket(s)
- Screws and Wall Plugs

- USB Charging Cable (Power adapter not included)
- User Manual

Image 3.1: The complete package contents, including the camera, solar panel, mounting hardware, and cables.

4. SETUP

4.1 Initial Charging

Before installation, it is recommended to fully charge the camera's built-in battery using the provided USB cable and a standard 5V/2A USB power adapter (not included). This ensures the camera has sufficient power for initial setup and operation.

4.2 App Download and Installation

Download the official COOAU App or CloudEdge App from your smartphone's app store (iOS App Store or Google Play Store). Follow the on-screen instructions to create an account and log in.

4.3 Device Pairing

1. Power on the camera.
2. Open the COOAU App and tap 'Add Device' or the '+' icon.
3. Select your camera model and follow the in-app instructions to connect the camera to your **2.4 GHz Wi-Fi network**. (Note: 5 GHz Wi-Fi is not supported).
4. Ensure your camera is close to your Wi-Fi router during the pairing process for a stable connection.

4.4 Physical Installation

The camera is 100% wireless, allowing flexible placement. Choose a location with good Wi-Fi signal and sufficient sunlight exposure for the solar panel.

1. **Mounting Location:** Identify a suitable wall or ceiling location for the camera and solar panel. Ensure the solar panel is positioned to receive direct sunlight for most of the day.
2. **Drilling:** Use the provided drilling template (if applicable) to mark and drill holes for the mounting bracket. Insert wall plugs if necessary.
3. **Secure Bracket:** Attach the mounting bracket securely to the wall or ceiling using the screws.
4. **Attach Camera:** Mount the camera onto the bracket. Adjust the angle of the camera and solar panel for optimal coverage and charging.
5. **Connect Solar Panel:** Connect the solar panel cable to the camera's charging port.

Image 4.1: Step-by-step guide for easy wall and ceiling installation of the camera.

5. OPERATING INSTRUCTIONS

5.1 Live View and Pan/Tilt Control

Open the COOAU App and select your camera to access the live video feed. Use the on-screen controls to pan (355° horizontally) and tilt (90° vertically) the camera, allowing you to monitor different areas remotely.

Image 5.1: Control the camera's 360-degree view (355° pan, 90° tilt) directly from your smartphone app.

5.2 Two-Way Audio

While in live view, tap the microphone icon in the app to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's surroundings.

5.3 Recording and Playback

- **Local Storage:** Insert a Micro SD card (up to 128GB, not included) into the camera's SD card slot for local storage of recorded events.
- **Cloud Storage:** The camera supports cloud storage (a 6-second trial is often included). Refer to the app for subscription options.

- **Playback:** Access recorded videos via the 'Playback' or 'Event' section in the app.

Image 5.2: The camera supports both secure cloud storage and local storage via an SD card.

5.4 Motion Detection and Alerts

Configure motion detection settings in the app:

- **Sensitivity:** Adjust the PIR sensor's sensitivity to minimize false alarms.
- **Detection Zones:** Set specific areas for motion detection to focus on critical zones.
- **Notifications:** Enable push notifications to receive instant alerts on your smartphone when motion is detected.
- **Alarms:** Activate the camera's light and/or sound alarms to deter intruders upon detection.
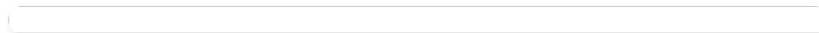

Image 5.3: The camera provides effective warnings against suspicious individuals using light and audio alarms.

5.5 Night Vision Modes

The camera automatically switches to night vision in low light. You can typically choose between infrared (black and white) and color night vision (using the spotlights) via the app settings.

5.6 Multi-User Sharing

You can share access to your camera with family members or trusted individuals through the app. Navigate to the camera settings and look for the 'Share Device' option.

Image 5.4: The camera feed can be shared and viewed by multiple authorized users simultaneously.

6. MAINTENANCE

- **Solar Panel Cleaning:** Regularly clean the surface of the solar panel to ensure maximum sunlight absorption and efficient charging. Use a soft, damp cloth to remove dust and debris.

- **Battery Care:** While the solar panel provides continuous power, avoid prolonged periods of complete discharge. In areas with limited sunlight, occasional direct charging via USB may be necessary.

Image 6.1: The solar panel efficiently charges the camera's internal batteries, ensuring continuous operation.

- **Lens Cleaning:** Gently clean the camera lens with a microfiber cloth to maintain clear image quality.

- **Firmware Updates:** Keep your camera's firmware and the COOAU App updated to the latest versions to benefit from new features and security enhancements.

7. TROUBLESHOOTING

- **Camera not powering on/charging:**
  - Ensure the battery is charged. Connect the camera directly to a USB power adapter for a few hours.
  - Check the solar panel connection and ensure it receives adequate direct sunlight.

- **Cannot connect to Wi-Fi:**
  - Confirm your Wi-Fi network is 2.4 GHz. The camera does not support 5 GHz Wi-Fi.
  - Ensure the camera is within range of your Wi-Fi router.
  - Restart your router and the camera, then try pairing again.

- **Frequent false alarms from motion detection:**
  - Adjust the PIR sensitivity settings in the app to a lower level.
  - Define specific detection zones to exclude areas with frequent non-human movement (e.g., trees swaying).

- **Poor image quality:**
  - Clean the camera lens with a soft cloth.
  - Ensure the camera has a stable Wi-Fi connection. Weak signals can affect streaming quality.
  - Check for any obstructions in the camera's field of view.

- **App not responding or crashing:**
  - Ensure your COOAU App is updated to the latest version.
  - Clear the app's cache or reinstall the app.
  - Check your smartphone's operating system for updates.

8. SPECIFICATIONS

Feature	Specification
Model Number	Q02 (also referred to as Q01)
Resolution	5 Megapixels (2592 x 1944P)
Video Recording Resolution	2K
Pan/Tilt Angle	355° Horizontal Pan, 90° Vertical Tilt
Connectivity	2.4 GHz Wi-Fi (4 dBi antenna)
Video Compression	H.265
Night Vision	Color Night Vision (4 Spotlights)
Power Source	Integrated Lithium-ion Battery, Solar Powered
Weather Resistance	IP66 (Dustproof and Waterproof)
Special Features	Two-Way Audio, PIR Human Detection, Light/Sound Alarm
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Dimensions (L x W x H)	2.54 x 2.54 x 2.54 cm
Weight	1 Kilogram

9. WARRANTY AND SUPPORT

COOAU is committed to product quality. This product comes with a **two-year warranty** from the date of purchase. Additionally, COOAU provides **lifetime technical support** for all its products.

For any technical assistance, warranty claims, or product-related inquiries, please contact COOAU customer support through the official website or the contact information provided in the app.

Image 9.1: COOAU provides a high-quality product guarantee, including a two-year warranty and lifetime technical support.

Related Documents

	[COOAU Q02 PTZ Battery Camera User Manual](#) Comprehensive user manual for the COOAU Q02 PTZ Battery Camera, detailing setup, app usage, installation, features, and troubleshooting for optimal performance and security.
	[COOAU ZS-GQ1 Battery Security Camera User Manual](#) Comprehensive guide to the COOAU ZS-GQ1 Battery Security Camera, covering installation, app setup, features, troubleshooting, and battery management. Learn how to set up and use your smart security camera effectively.
	[COOAU DC 201 PTZ Security Camera User Manual](#) This manual provides comprehensive instructions for the COOAU DC 201 PTZ Security Camera, covering setup, features, troubleshooting, and after-sales service. Learn how to install, connect, and operate your camera for optimal security.
	[COOAU Battery Powered Camera ZS-GX5S User Manual](#) User manual for the COOAU Battery Powered Camera ZS-GX5S, covering installation, app setup, features, troubleshooting, and FAQs.

Documents - COOAU – Q02

Q02
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[pdf] User Manual

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