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COOAU 0444-400

COOAU Outdoor Security Camera Instruction Manual

Model: 0444-400

1. Introduction

1.1 Product Overview

The COOAU Outdoor Security Camera is a high-definition surveillance device designed for outdoor use. It features 4MP resolution for clear imaging, enhanced Wi-Fi connectivity with a 5dBi antenna, and IP66 weather resistance for reliable operation in various conditions. Key functionalities include advanced night vision with white light, smart motion detection with real-time alerts, and two-way audio communication. The camera supports both local storage via an SD card and cloud service, and is compatible with Amazon Alexa for integrated smart home security.



Figure 1: COOAU Outdoor Security Camera

1.2 What's in the Box

- COOAU Outdoor Security Camera
- Power Adapter
- Mounting Screws and Anchors
- User Manual
- Waterproof Kit for Cable Connections

2. Setup

2.1 Physical Installation

Select a suitable outdoor location for mounting the camera, ensuring it has a clear field of view and is within range of your Wi-Fi network. Use the provided mounting screws and anchors to securely attach the camera to a wall or other stable surface. Ensure the power cable is routed safely and protected from the elements. For optimal performance and security, consider routing the power cable through the wall if possible, as exposed cables can be vulnerable.



Figure 2: Camera mounted outdoors, demonstrating IP66 weather resistance.

2.2 App Installation and Account Creation

1. Download the official COOAU security camera app from your smartphone's app store (iOS or Android).
2. Open the app and follow the on-screen instructions to create a new user account.
3. Add your camera to the app by scanning the QR code on the camera or manually entering its device ID.

2.3 Network Connection

Connect the camera to your Wi-Fi network through the app. Ensure your Wi-Fi signal is strong at the camera's installation location. The camera supports 5dBi Wi-Fi for extended range and stable connection.



Figure 3: Enhanced Wi-Fi connectivity with 5dBi antenna for stable connection up to 20m.

3. Operating the Camera

3.1 Video Quality and Viewing

The camera provides 4MP Ultra HD images (2624*1512P at 30fps) with a super wide 118° viewing angle and 8x digital zoom. You can adjust video quality settings within the app based on your Wi-Fi signal strength for optimal viewing.



Figure 4: Demonstrating 4MP Ultra HD image clarity and digital zoom capability.

3.2 Night Vision and White Light

The camera features advanced night vision capabilities, including a 'Smarter White Light Mode' for full-color night images. This mode can also serve as auxiliary lighting and help deter intruders.



Figure 5: Smarter White Light Mode providing full-color night vision and auxiliary lighting.

3.3 Motion Detection and Alerts

The camera is equipped with smart motion detection. When motion is detected, the camera can send real-time alerts to your smartphone. You can adjust the detection sensitivity (from 0-100 level) within the app to minimize irrelevant notifications.

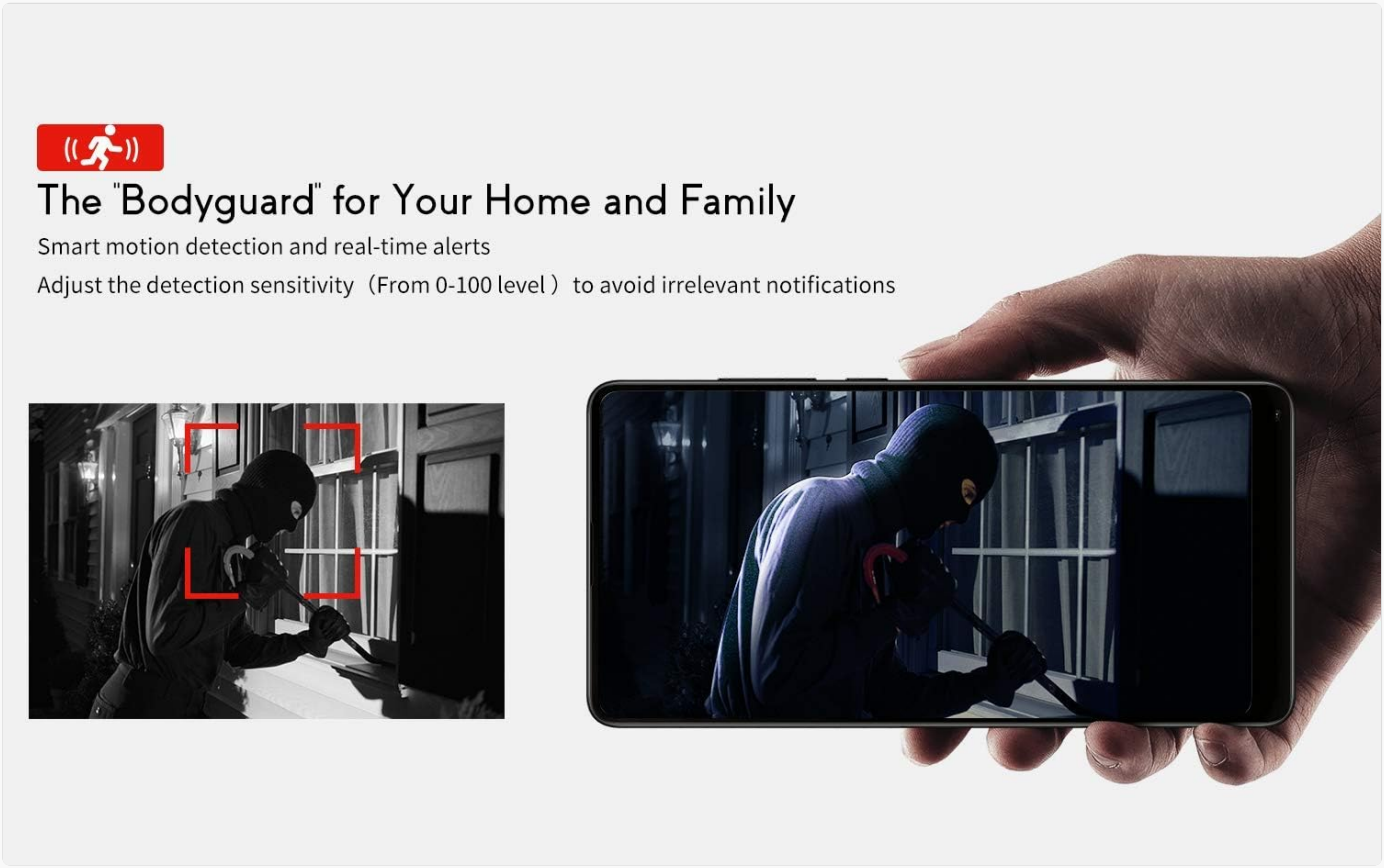

Figure 6: Smart motion detection providing real-time alerts for home security.

3.4 Two-Way Audio

Utilize the camera's super clear two-way audio feature, built with noise reduction and echo cancellation chips, to communicate with visitors or deter unwanted individuals. This allows for real-time conversation through the camera via the app.



Figure 7: Two-way audio feature for communication through the camera.

3.5 Storage Options

The camera supports local storage using a microSD card (up to 128GB, sold separately). It also offers an optional cloud storage service for convenient access to recordings from anywhere.

3.6 Advanced Features

The camera incorporates Smart H.264 Video Coding Technology, which allows for the capture and transmission of high-quality video even in low bandwidth situations, ensuring a smooth viewing experience.

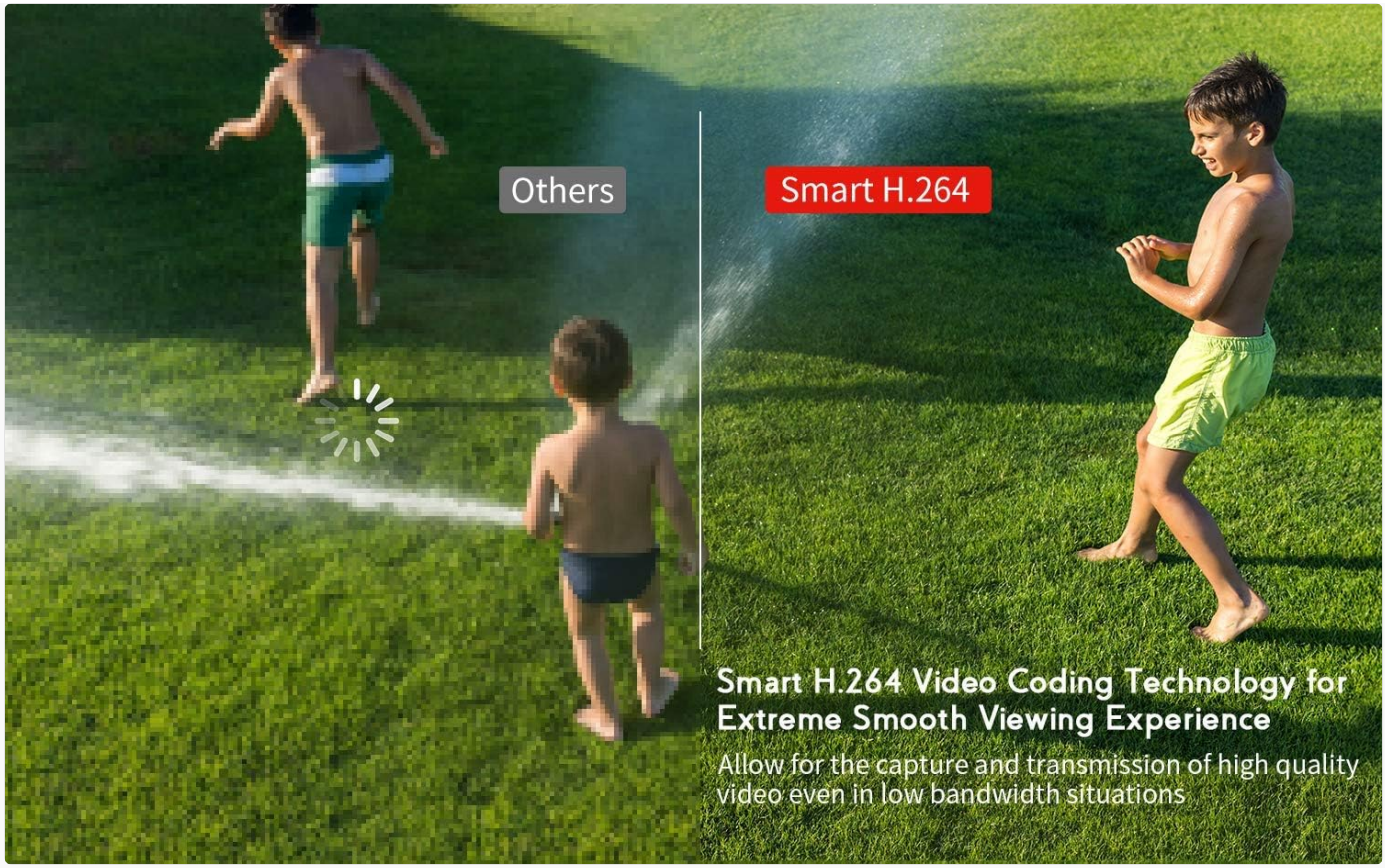

Figure 8: Smart H.264 Video Coding Technology for extreme smooth viewing experience.

4. Maintenance

4.1 Weather Resistance

The camera is IP66 weather-resistant, made of high-quality aluminum alloy, ensuring proper functioning in temperatures ranging from -2°F to 131°F. This allows it to continue recording reliably in rain, snow, or hot conditions. Periodically inspect the camera and its connections for any debris or damage, and gently clean the lens with a soft, damp cloth if needed to maintain clear image quality.

5. Troubleshooting

5.1 Common Issues and Solutions

- **Connectivity Issues:** Ensure the camera is within range of a strong Wi-Fi signal. If the signal is weak, consider relocating the camera or using a Wi-Fi extender.
- **SD Card Playback Slow/Not Loading:** Verify the SD card is properly inserted and formatted within the app. If issues persist, try a different compatible SD card. Some users have reported slow playback or loading issues with the SD card, which may require checking for firmware updates or contacting support.
- **App Performance:** If the app is slow or not functioning correctly, ensure it is updated to the latest version. Try clearing the app's cache or reinstalling it.
- **Motion Detection Sensitivity:** If you are receiving too many irrelevant notifications, adjust the motion detection sensitivity level in the app settings.
- **Night Vision Clarity:** Ensure the camera lens is clean and free from obstructions. Check for any strong light sources directly in the camera's field of view that might interfere with night vision.

For further assistance, please refer to the support section or contact customer service.

6. Specifications

Feature	Detail
Brand	COOAU
Model Number	0444-400
Connectivity Technology	Wireless (Wi-Fi)
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	4 MP (2624*1512P)
Effective Video Resolution	1080 Pixels
Frame Rate	30 fps
International Protection Rating	IP66
Low Light Technology	Night Color
Alert Type	Audio and Motion
Two-Way Audio	Yes
Storage	Supports up to 128GB Micro SD Card, Cloud Service
Compatible Devices	Smartphone (Amazon Alexa compatible)
Dimensions (L x W x H)	6.2 x 3.2 x 2.5 inches
Item Weight	1.78 pounds
UPC	889328768775

7. Warranty and Support

COOAU products come with a standard manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please visit the official COOAU website or contact their customer service team. Contact details can typically be found on the product packaging or the brand's official online presence.

Note: No official product videos from the seller were available for embedding based on the provided data.

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