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> Rraycom BW4 Wireless Security Camera User Manual

Rraycom BW4

Rraycom BW4 Wireless Security Camera User Manual

Model: BW4

INTRODUCTION

The Rraycom BW4 Wireless Security Camera is designed to provide comprehensive surveillance for your home, both indoors and outdoors. This battery-powered camera offers 2K QHD resolution, advanced AI motion detection, color night vision, two-way audio communication, and seamless integration with Alexa. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

WHAT'S IN THE BOX

- 3 x Rechargeable Battery Security Camera
- 3 x Metal Mount
- 3 x Screws Set
- 3 x USB Cable
- 1 x User Manual

PRODUCT OVERVIEW

The Rraycom BW4 camera features a compact, bullet-style design in white, making it discreet and easy to install. It includes a camera lens, a motion sensor, a USB charging port, and a micro SD card slot for local storage.

Siren Alert & Spotlight Alarm



Figure 1: The Raycom BW4 Wireless Security Camera, highlighting its compact form factor and key features like the lens and sensor.

SETUP

1. Download the O-KAM App

To begin, download the official O-KAM app on your smartphone. You can scan the QR code provided in the quick start guide or search for "O-KAM" in your device's app store (Google Play or Apple App Store).

Video 1: Demonstrates the process of downloading the O-KAM app and scanning the QR code on the camera for initial setup and Wi-Fi configuration.

2. Powering On and Charging

The camera is battery-powered (5200mAh) and comes with a USB cable for charging. Ensure the camera is fully charged before initial use. The USB port is located at the bottom of the camera, protected by a weather-resistant cover.

3. Mounting the Camera

The Raycom BW4 camera features a 100% wireless design, offering flexible installation options. Use the included metal mounts and screws to securely attach the camera to a wall or desired surface. Position the

camera to achieve the optimal viewing angle (110 degrees).

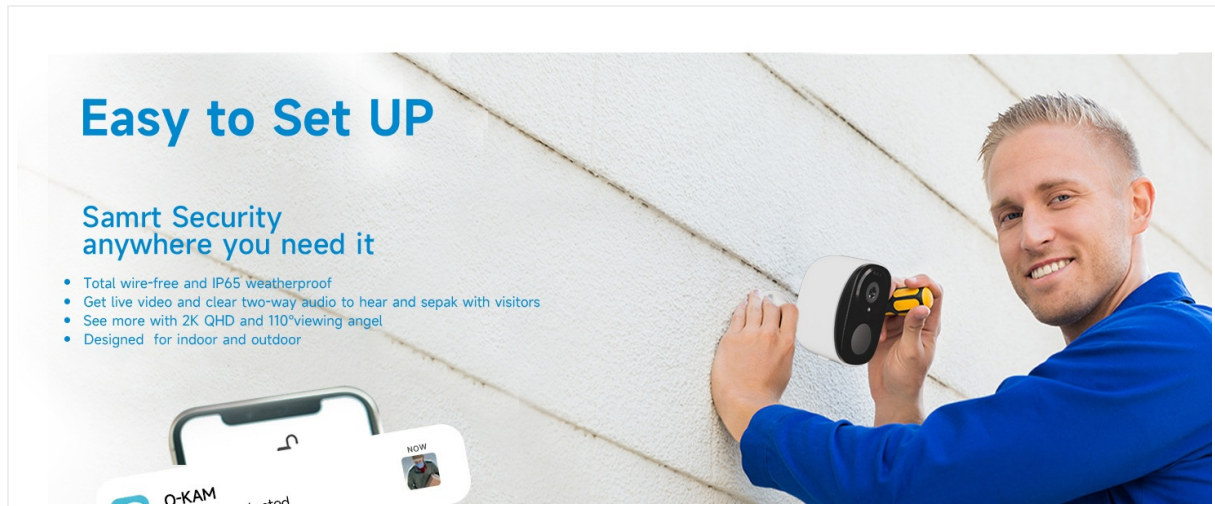


Figure 2: An illustration of the camera being mounted, demonstrating the ease of installation due to its wireless design.

4. Connecting to Wi-Fi

After powering on the camera, open the O-KAM app and follow the on-screen instructions to add a new device. The camera supports 2.4GHz Wi-Fi networks only. You will be prompted to scan a QR code displayed on your phone with the camera's lens to establish the connection.

OPERATING INSTRUCTIONS

Live View and Two-Way Audio

Access the live feed of your camera through the O-KAM app. The two-way audio feature allows you to hear and speak to visitors or deter unwanted guests directly from your smartphone. Simply tap the microphone icon in the app to activate the two-way communication.



Figure 3: Demonstrates the two-way audio functionality, allowing real-time communication through the camera.

Motion Detection and Alerts

The camera is equipped with AI motion detection, capable of distinguishing human figures to reduce false alarms. When motion is detected, you will receive instant alerts on your smartphone. You can customize activity zones within the app to focus detection on specific areas.

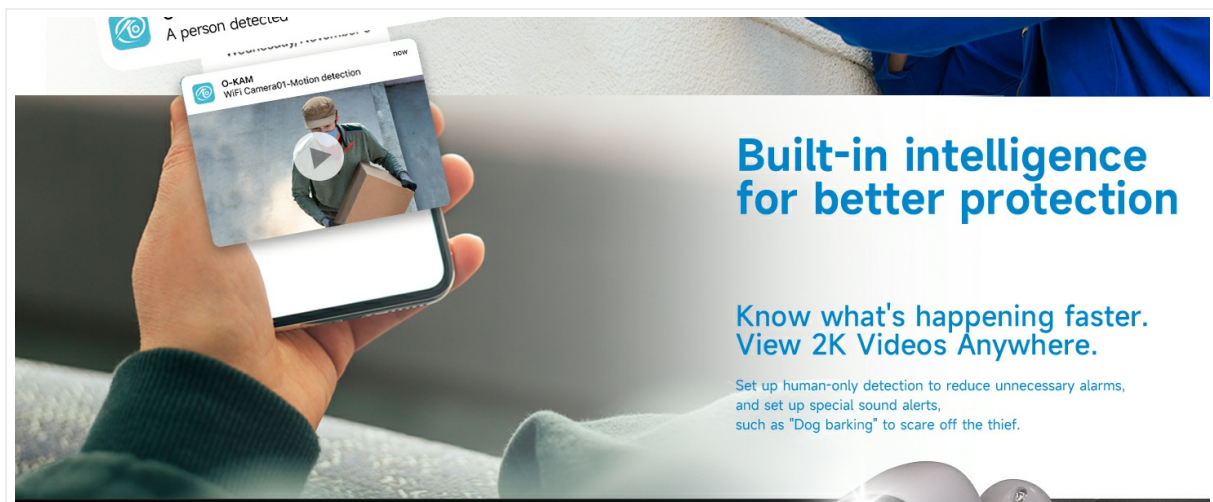


Figure 4: Visual representation of AI motion detection, focusing on human figures for accurate alerts.

Night Vision Modes

The Raycom BW4 offers 2K QHD color night vision, allowing you to see clear, full-color details even in low-light conditions. It also supports traditional black and white night vision. The app allows you to switch between these modes or enable smart night vision.



Figure 5: A side-by-side comparison of 2K QHD color night vision and standard black and white night vision.

Siren and Spotlight Alarm

In case of suspicious activity, you can activate a loud siren and a bright spotlight directly from the app to scare off intruders. This feature provides an active deterrent for enhanced security.

Siren Alert & Spotlight Alarm



Figure 6: The camera's siren and spotlight alarm feature in action, designed to deter potential threats.

Video 2: Highlights various features including clearer video, weather resistance, easy mounting, motion-activated siren, activity zone setup, two-way audio, and storage options.

Storage Options

The camera supports local storage via a micro SD card (up to 256GB, not included). Additionally, Rraycom offers cloud storage options, including a free 1-day trial, allowing you to save and review recorded footage without a monthly fee for basic use.



Figure 7: Illustrates the camera's local storage capability via a micro SD card and available cloud storage options.

Alexa Integration

The Rraycom BW4 camera works with Alexa. You can use voice commands like "Alexa, show me the living room" to view the live feed on compatible Alexa-enabled devices such as the Echo Show, providing hands-free monitoring.



Figure 8: Demonstrates the camera's compatibility with Alexa for convenient voice-controlled monitoring.

MAINTENANCE

Battery Management

The camera is powered by a 5200mAh rechargeable battery. Battery life varies based on usage and motion detection frequency. For continuous power, the camera is compatible with a solar panel (not included).

100% Wire-Free

Low power consumption
built-in premium energy battery



The battery lasts for up to 2-4 months
(this is based on usage of 6000-8000 seconds permonth,
200-266 seconds perday 20-25 times of event within 10 seconds recording)

Figure 9: An internal view of the camera's battery, emphasizing its long-lasting, wire-free power source.

Weather Resistance

With an IP65 waterproof rating, the Rraycom BW4 camera is designed to withstand various weather conditions, making it suitable for outdoor installation. Ensure the USB port cover is securely closed to maintain its waterproof integrity.

IP65 Waterproof



Figure 10: The camera's IP65 waterproof design, ensuring durability in outdoor environments.

TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Verify the Wi-Fi password is correct. Place the camera closer to your Wi-Fi router during setup.
- **Poor image quality:** Check your Wi-Fi signal strength in the camera's location. Clean the camera lens with a soft cloth.
- **False motion alerts:** Adjust the motion detection sensitivity settings in the O-KAM app. Define specific activity zones to exclude areas with frequent, irrelevant movement.
- **Battery draining quickly:** Reduce the frequency of motion detection recordings or live view sessions. Consider purchasing a compatible solar panel for continuous charging.
- **Two-way audio issues:** Ensure your phone's microphone is enabled for the O-KAM app. Check the volume settings on both your phone and the camera.

SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	Raycom
Model Name	BW4W-3pc
Connectivity Technology	Wireless (2.4GHz Wi-Fi)
Indoor/Outdoor Usage	Indoor, Outdoor
Controller Type	O-KAM App
Mount Type	Wall Mount
Color	White
Enclosure Material	ABS Plastic
Water Resistance Level	IP65 Waterproof
Alert Type	Motion Only
Effective Still Resolution	3 MP
Video Capture Resolution	2K
Frame Rate	30fps
Night Vision Range	33 Feet
Night Vision	Color Night Vision
Battery Power	5200 Milliampere Hour (mAh)
Viewing Angle	110 Degrees
Zoom Type	Digital Zoom (6x)
Storage	Micro SD Card (up to 256GB), Cloud Storage

WARRANTY AND SUPPORT

Raycom provides a manufacturer warranty for 1 year from the date of purchase. For technical support or warranty claims, please refer to the contact information provided in your product packaging or visit the official Raycom website.