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BOAVISION Battery Camera

BOAVISION 2K Wireless Outdoor Security Camera User Manual

Model: Battery Camera

1. INTRODUCTION

Thank you for choosing the BOAVISION 2K Wireless Outdoor Security Camera. This manual provides detailed instructions for the setup, operation, and maintenance of your new security camera. Please read this manual thoroughly before use to ensure proper installation and functionality. This camera is designed for both indoor and outdoor use, offering 2K FHD clarity, color night vision, AI motion detection, and two-way audio for enhanced home security.



Image 1.1: BOAVISION Wireless 2K Smart Battery Camera overview, highlighting key features like long battery life, 2K FHD, color night vision, AI motion detection, multi-user sharing, IP65 weatherproof, two-way talk, magnetic base, cloud/SD storage, and siren alarm.

2. PACKAGE CONTENTS

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

- BOAVISION 2K Wireless Outdoor Security Camera
- Magnetic Mount / Wall Mount Plate
- Mounting Screws and Anchors
- Charging Cable (USB-C)
- User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your BOAVISION security camera.



Image 3.1: Front view of the BOAVISION 2K Wireless Outdoor Security Camera, showing the lens, spotlight LEDs, and PIR motion sensor.

Key Features:

- **2K FHD Clarity:** Provides high-definition live video and images.
- **Color & Infrared Night Vision:** Offers clear visibility up to 33ft in low light conditions.
- **100% Wire-Free & Battery Powered:** No power cords or network cables needed for installation.
- **IP65 Weatherproof:** Designed to withstand various weather conditions for outdoor use.
- **Smart AI Motion Detection:** PIR sensor detects movement and sends instant alerts. Subscription available for advanced AI detection (people, vehicles, pets, packages).
- **Two-Way Talk:** Communicate with visitors or deter intruders via the mobile app.
- **Smart Siren & Spotlight:** Deter unwanted visitors with an audible siren and flashing light.
- **Flexible Installation:** Magnetic base for easy setup or traditional wall mount.
- **Cloud & SD Card Storage:** Supports free rolling cloud storage and local SD card storage (up to 128GB, not included).

4. SETUP

4.1 Charging the Camera

Before first use, fully charge the camera using the provided USB-C charging cable. The charging port is typically located under a weatherproof cover on the camera body.

4.2 App Installation and Account Creation

1. Download the **Kiwibit** app from your smartphone's app store (Google Play Store for Android or Apple App Store for iOS).
2. Open the app and follow the on-screen instructions to create a new account or log in if you already have one.

4.3 Connecting to Wi-Fi

The camera only supports 2.4GHz Wi-Fi networks. It is not compatible with 5GHz Wi-Fi.

1. In the Kiwibit app, tap the "Add Device" or "+" icon.
2. Select your camera model or scan the QR code on the camera if prompted.
3. Follow the app's instructions to connect the camera to your 2.4GHz Wi-Fi network. This usually involves entering your Wi-Fi password and presenting a QR code generated by the app to the camera's lens.
4. Listen for audio prompts from the camera confirming successful connection.

4.4 Installation Options

The camera offers flexible installation with both magnetic and wall mount options.

Easy Magnetic Installation

Quick Magnetic Snap-On or Sturdy Wall Mount-easy, wire-free setup for any need.



Image 4.1: Illustration of the easy magnetic snap-on installation and the sturdy wall mount option, providing tool-free setup for various needs.

- **Magnetic Mount:** The camera has a built-in magnetic base allowing for instant, tool-free setup on any ferromagnetic surface. Ensure the surface is stable and can support the camera's weight.
 - **Wall Mount:** For a more permanent installation, use the included screws and wall mount plate.
1. Choose a suitable location for your camera, considering Wi-Fi signal strength and desired viewing angle.
 2. If using the wall mount, mark the drilling points using the mount plate as a template.
 3. Drill holes, insert wall anchors (if necessary), and secure the mount plate with screws.
 4. Attach the camera to the magnetic base or the wall mount plate and adjust the angle as needed.

5. OPERATING THE CAMERA

5.1 Live View and Playback

Access live video feed and recorded footage through the Kiwibit app.

- Open the Kiwibit app and select your camera from the device list to view the live feed.
- Use the playback function to review recorded events stored on the SD card or cloud.

2K FHD Resolution Captures Every Detail



Image 5.1: Comparison illustrating the enhanced detail captured by 2K FHD resolution compared to 1080P.

5.2 Night Vision Modes

The camera supports two night vision modes: full color and infrared.



Image 5.2: Demonstrates the difference between Color Night Vision, which provides a clearer, more detailed view in low light, and traditional Infrared Night Vision, which offers a black and white image.

- The camera automatically switches between day and night modes.
- You can configure night vision settings (e.g., force color night vision) within the app.

5.3 Motion Detection and Alerts

The camera's PIR sensor detects motion and sends instant notifications to your phone.

PIR Motion Detection, Enjoy a Peace of Mind



Image 5.3: Illustrates the PIR motion detection feature, showing an alert notification on a smartphone and the camera's spotlight activating to deter an intruder.

- Enable motion detection and customize sensitivity settings in the app.
- Receive instant alerts on your smartphone when motion is detected.
- Consider a subscription for AI motion detection to differentiate between people, vehicles, pets, and packages.

5.4 Two-Way Audio and Siren

Communicate through the camera and activate the siren/spotlight.

Two Way Audio

Communicate clearly with anyone from anywhere

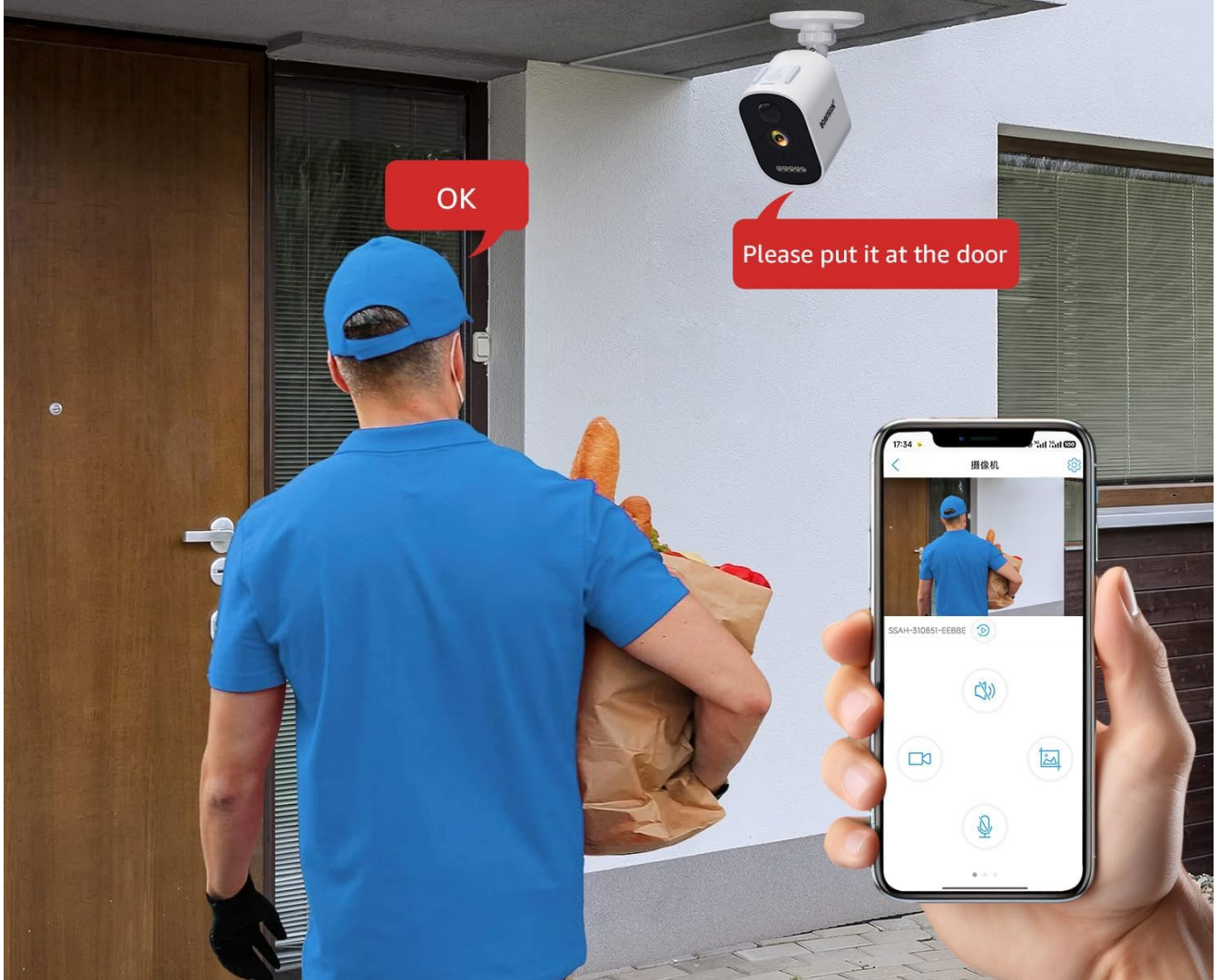


Image 5.4: Shows the two-way audio functionality, allowing clear communication between the user via the app and someone at the camera's location, such as a delivery person.

- Tap the microphone icon in the live view to speak through the camera.
- Activate the smart siren and flashing light from the app to deter intruders.

5.5 Storage Options

The camera supports both cloud storage and local SD card storage.

Cloud & SD Card Storage Options



Image 5.5: Depicts the flexible storage solutions, including permanent free 3-day cycle cloud storage and support for local SD card storage up to 128GB (SD card not included).

- **Cloud Storage:** Enjoy free rolling cloud storage for a specified period (e.g., 3-day cycle). Check app for details on subscription plans for extended storage.
- **SD Card Storage:** Insert a microSD card (up to 128GB, not included) into the camera's SD card slot for local recording.

6. MAINTENANCE

6.1 Battery Management

The camera is battery-powered. Monitor battery levels in the app and recharge as needed using the USB-C cable. For continuous power, consider a compatible solar panel (sold separately).

6.2 Cleaning

Wipe the camera lens and body with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

100% Wireless & IP65 Weatherproof

Protect your home and family in anywhere



Long Battery Life



2K FHD



Color Night Vision



AI Motion Detection



IP65 Weatherproof



Two-Way Talk



Magnetic base



Cloud / SD Storage



Siren Alarm

Image 6.1: The camera is shown being exposed to water, emphasizing its 100% wireless design and IP65 weatherproof rating for protection in various environments.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera won't connect to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; Camera too far from router; Weak signal.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Check router settings.
No motion detection alerts	Motion detection disabled; Sensitivity too low; App notifications off.	Enable motion detection in app. Increase sensitivity. Check phone notification settings for Kiwibit app.

Problem	Possible Cause	Solution
Poor image quality	Dirty lens; Low light conditions; Network bandwidth issues.	Clean the camera lens. Ensure adequate lighting or proper night vision mode. Check Wi-Fi signal strength.
Battery drains quickly	Frequent motion detection; Live view used often; Extreme temperatures.	Adjust motion detection sensitivity. Reduce live view usage. Consider a solar panel for continuous charging.

8. SPECIFICATIONS

Feature	Detail
Model Name	Battery Camera
Video Capture Resolution	2K
Connectivity Technology	Wireless (2.4GHz Wi-Fi only)
Power Source	Battery Powered (4 x 12V batteries included)
Indoor/Outdoor Usage	Indoor, Outdoor
Weatherproof Rating	IP65
Storage Options	Cloud Storage, SD Card (up to 128GB, not included)
Special Features	2-Way Audio, Color Night Vision, AI Motion Detection, Spotlight, Siren
Mounting Type	Wall Mount, Magnetic Mount
Product Dimensions	4.13 x 2.16 x 3.34 inches
Item Weight	13.1 ounces

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the BOAVISION official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: BOAVISION

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