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› Rraycom BW6 Wireless Security Camera Outdoor Instruction Manual

## Raycom BW6

# Raycom BW6 Wireless Security Camera Outdoor Instruction Manual

Model: BW6

## 1. INTRODUCTION

Thank you for choosing the Rraycom BW6 Wireless Security Camera. This 2K outdoor security camera is designed to provide reliable surveillance with features such as full-color night vision, AI motion detection, two-way audio, and weatherproof construction. This manual will guide you through the setup, operation, and maintenance of your camera to ensure optimal performance and security.

## 2. WHAT'S IN THE BOX

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

- BW6 Rechargeable Battery Security Camera
- Metal Mount
- Screws Set
- USB Cable
- User Manual (this document)

## 3. PRODUCT FEATURES

The Rraycom BW6 camera offers a range of advanced features for comprehensive home security.



**Figure 3.1:** Overview of Raycom BW6 Camera Features.

### **3.1 High-Resolution Video**

Capture clear and detailed footage with 2K QHD resolution and a wide 130-degree viewing angle, minimizing blind spots.

# 2K and 130°Wide Angle

Capture every detail leaving no blindspots in safety



Figure 3.2: 2K Resolution and 130-degree Wide Angle View.

## 3.2 Advanced Night Vision

The camera supports both full-color night vision and infrared mode, ensuring clear visibility even in low-light conditions.

# 2K Color Night Vision

Capturing every vivid moment of the night



Figure 3.3: Full Color Night Vision vs. Infrared Mode.

### 3.3 Intelligent Motion Detection

Equipped with AI motion detection, the camera can distinguish between humans and other moving objects, reducing false alarms. You can also customize specific motion detection zones to focus on critical areas.

# AI Motion Detection

Safeguarding every moment of yours.



Figure 3.4: AI Motion Detection Capabilities.



Figure 3.5: Customizable Motion Detection Zones.

## 3.4 Two-Way Audio

Communicate directly with visitors or deter intruders using the built-in microphone and speaker.



Figure 3.6: Two-Way Audio Communication.

### 3.5 Weatherproof Design

With an IP65 weatherproof rating, the camera is designed to withstand various outdoor conditions, including rain, sun, and snow.



Figure 3.7: IP65 Weatherproof Rating.

### 3.6 Flexible Storage Options

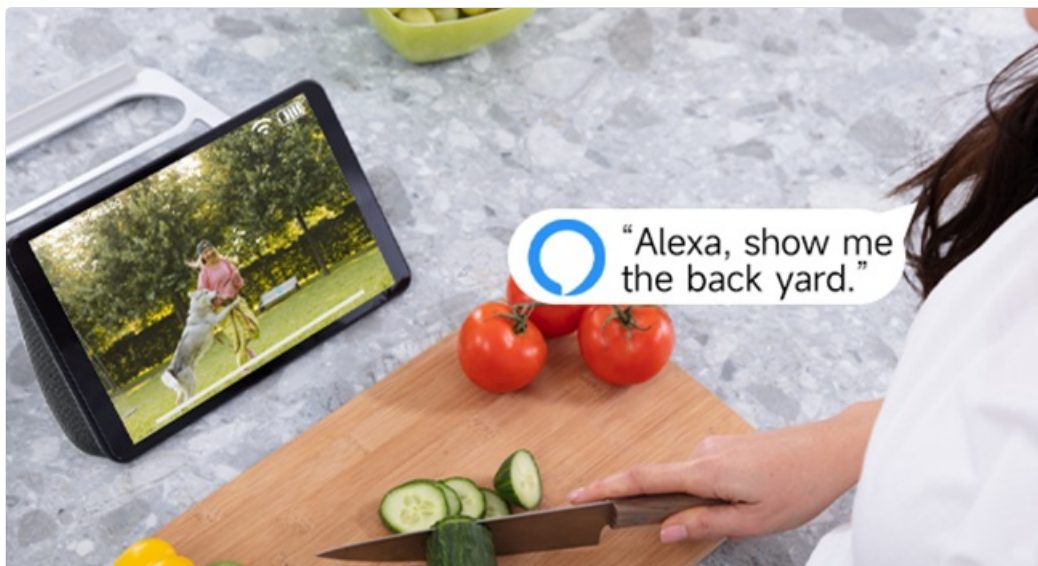
Record footage to a Micro SD card (up to 256GB, not included) or utilize cloud storage services for secure data backup and access.



Figure 3.8: Cloud and Micro SD Storage Options.

### 3.7 Smart Home Integration

The camera is compatible with Amazon Alexa, allowing for convenient voice control and integration into your smart home ecosystem.



**Figure 3.9:** Amazon Alexa Integration.

## 4. SETUP GUIDE

### 4.1 Charging the Camera

Before initial use, fully charge the camera using the provided USB cable. Connect the USB cable to the camera's charging port and a standard USB power adapter (not included). The charging indicator light will show the charging status.

### 4.2 App Installation and Account Creation

1. Download the official Rraycom app from your smartphone's app store (available for Android and 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 Camera Pairing

1. Ensure your camera is powered on and your smartphone is connected to a 2.4GHz Wi-Fi network.
2. In the Rraycom app, tap the "Add Device" or "+" icon.
3. Select your camera model from the list.
4. The app will prompt you to scan a QR code displayed on your camera or generate a QR code on your phone for the camera to scan. Follow the specific instructions in the app.
5. Once the camera successfully connects, you will hear a confirmation sound, and the camera will appear in your app's device list.

### 4.4 Mounting the Camera

Choose a suitable location for your camera, ensuring it has a clear view of the area you wish to monitor and good Wi-Fi signal strength. Use the provided metal mount and screws to securely attach the camera to a wall or other stable surface. Adjust the camera's angle for optimal coverage.

## 5. OPERATING INSTRUCTIONS

## 5.1 Live View Access

Open the Rraycom app and select your camera from the device list to access the live video feed. You can view the 2K resolution footage in real-time.

## 5.2 Motion Detection Settings

Navigate to the camera settings in the app to configure motion detection. You can:

- Enable/disable AI Human Detection.
- Set up custom motion detection zones to monitor specific areas.
- Adjust motion sensitivity levels.
- Configure alert notifications (push notifications, siren alarm).

## 5.3 Two-Way Communication

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 microphone.

## 5.4 Recording and Playback

The camera automatically records when motion is detected. You can access recorded footage through the app:

- **Cloud Storage:** View recordings stored in the cloud (subscription may be required).
- **SD Card Storage:** Access recordings saved on the Micro SD card inserted into the camera.

## 5.5 Night Vision Modes

The camera automatically switches between day and night vision modes. In night vision settings, you can typically choose between:

- **Full Color Night Vision:** Utilizes built-in spotlights to provide color images in low light.
- **Infrared Night Vision:** Provides black and white images using infrared LEDs.

## 5.6 Alexa Voice Commands

To integrate with Amazon Alexa, enable the Rraycom skill in the Alexa app. Once linked, you can use voice commands such as "Alexa, show me the [camera name]" to view the live feed on compatible Alexa devices.

# 6. MAINTENANCE

## 6.1 Battery Management

The BW6 camera is battery-powered. Monitor the battery level in the app and recharge the camera using the USB cable when the battery is low. Battery life varies based on usage, motion detection frequency, and environmental factors.

## 6.2 Cleaning

Periodically clean the camera lens and housing with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals that could damage the camera's finish or lens.

## 6.3 Firmware Updates

Ensure your camera's firmware is up to date. The Rraycom app will typically notify you of available updates. Follow the in-app instructions to perform firmware updates, which can improve performance and add new features.

## 7. TROUBLESHOOTING

If you encounter issues with your Rraycom BW6 camera, refer to the following common problems and solutions:

Problem	Possible Solution
Camera not connecting to Wi-Fi	Ensure your Wi-Fi is 2.4GHz. Check Wi-Fi signal strength at the camera's location. Restart your router and the camera. Re-pair the camera through the app.
Motion detection is delayed or misses events	Adjust motion sensitivity settings in the app. Ensure the camera's field of view covers the desired area. Check for obstructions in the camera's view.
Frequent false alarms	Enable AI Human Detection if available. Define specific motion detection zones to exclude irrelevant areas (e.g., busy roads, trees swaying). Reduce motion sensitivity.
Static noise in recordings	Ensure the camera's microphone is not obstructed. Check for environmental interference. Update camera firmware.
Poor battery life	Reduce motion detection frequency or sensitivity. Limit live view access. Ensure the camera is fully charged. Consider installing in a less active area if possible.

## 8. SPECIFICATIONS

Technical details of the Rraycom BW6 Wireless Security Camera:

Feature	Detail
Brand	Rraycom
Model Name	BW6
Connectivity Technology	Wireless (Wi-Fi)
Special Feature	Motion Sensor, Full Color Night Vision, Two-Way Talk
Indoor/Outdoor Usage	Indoor, Outdoor
Compatible Devices	Android & iOS, Amazon Alexa
Mount Type	Wall Mount
Waterproof Rating	IP65
Power Source	Battery Powered
Battery Capacity	5200 mAh
Field Of View	130 Degrees
Video Capture Resolution	2K
Video Capture Format	MP4
Storage Support	Micro SD Card (up to 256GB), Cloud Storage
Item Dimensions	1 x 1 x 1 inches (approximate)

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the product packaging or contact Rraycom customer service directly. If you have any questions, technical issues, or require assistance with your Rraycom BW6 camera, please contact our support team:

**Email: [aftersale@rraycom.com](mailto:aftersale@rraycom.com)**

Please provide your product model (BW6) and a detailed description of your issue when contacting support for faster assistance.