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› XIAOVV Wireless Outdoor Security Camera User Manual

## XIAOVV B0D49HTLC3

# XIAOVV Wireless Outdoor Security Camera User Manual

Model: B0D49HTLC3

## INTRODUCTION

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Thank you for choosing the XIAOVV Wireless Outdoor Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new security camera. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance. Keep this manual for future reference.

## SAFETY INFORMATION

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- Ensure the power source is stable and meets the camera's requirements (Corded Electric).
- Do not attempt to disassemble or modify the camera. This may void the warranty and cause damage.
- Keep the camera away from extreme temperatures, direct sunlight, and strong magnetic fields.
- Install the camera securely to prevent it from falling.
- This camera is IP65 waterproof, designed to withstand rain and dust, but avoid submerging it in water.
- Only use the provided power adapter or a compatible one.

## PACKAGE CONTENTS

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Please check the package contents upon opening to ensure all items are present:

- XIAOVV Wireless Outdoor Security Camera
- Power Adapter
- Mounting Screws and Anchors
- User Manual (this document)

## PRODUCT OVERVIEW

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The XIAOVV Wireless Outdoor Security Camera is a high-performance surveillance device designed for outdoor use. It features 2K Full HD resolution, panoramic PTZ capabilities, and advanced detection functions.



**Figure 1:** Front view of the XIAOVV Wireless Outdoor Security Camera, showing the main lens, IR/LED lights, and dual antennas.

## Key Features:

- **2K FHD Color Night Vision:** 2304\*1296 resolution with built-in 4pcs hybrid IR and white LED lights for clear color night vision.
- **Panoramic PTZ:** 355° pan rotation, 90° tilt rotation, and 110° ultra-wide viewing angle for comprehensive coverage.
- **Smart Detection:** Human and vehicle detection with instant alert notifications.
- **Intruder Deterrence:** Strobe light, integrated spotlight, and built-in siren activate upon detection.
- **Enhanced Wi-Fi:** Upgraded 5DB high-gain antenna for improved 2.4G Wi-Fi transmission and wider coverage.
- **Weatherproof Design:** IP65 waterproof grade for protection against harsh outdoor conditions.

## SETUP

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### 1. Mounting the Camera

The camera is designed for wall mounting. Choose a location that provides the desired viewing angle and is within reach of a power outlet.

1. Mark the drilling points on the wall using the camera's base as a template.
2. Drill holes at the marked points.
3. Insert the wall anchors into the drilled holes.
4. Secure the camera base to the wall using the provided screws.

## 2. Power Connection

Connect the power adapter to the camera's power input port and then plug the adapter into a standard electrical outlet. Ensure the connection is secure.

## 3. App Installation and Wi-Fi Connection

The XIAOVV camera operates with the XIAOVV APP. Please note that this camera supports **ONLY 2.4GHz Wi-Fi**. 5G Wi-Fi is not supported.



**Figure 2:** Illustration of Wi-Fi signal coverage. This camera specifically utilizes the 2.4 GHz band for longer transmission distance and improved penetration.

1. Download the "XIAOVV APP" from your mobile device's app store (iOS App Store or Google Play Store).
2. Register for a new account or log in if you already have one.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or manually selecting the device type.
4. When prompted, connect the camera to your 2.4GHz Wi-Fi network. Ensure your mobile device is also connected to the same 2.4GHz network during the setup process.
5. Wait for the camera to connect to the network. Once connected, you should see the camera's live feed in the app.

## OPERATING THE CAMERA

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### 1. Real-time Preview and Resolution Adjustment

Open the XIAOVV APP to view the live feed from your camera. The app's real-time preview defaults to SD (Standard Definition) mode to optimize data usage. To view the full 2K resolution, you will need to manually switch to HD (High Definition) mode within the app. This can be adjusted based on your network conditions.

### 2. Pan, Tilt, and Zoom (PTZ) Control

Use the controls within the XIAOVV APP to remotely adjust the camera's viewing angle. The camera supports 355° horizontal pan rotation and 90° vertical tilt rotation, allowing you to monitor a wide area.

### 3. Night Vision

The camera features 2K FHD Color Night Vision, utilizing 4pcs hybrid IR and white LED lights. In low-light conditions, the camera automatically switches to night vision mode, providing clear and detailed images even in complete darkness.

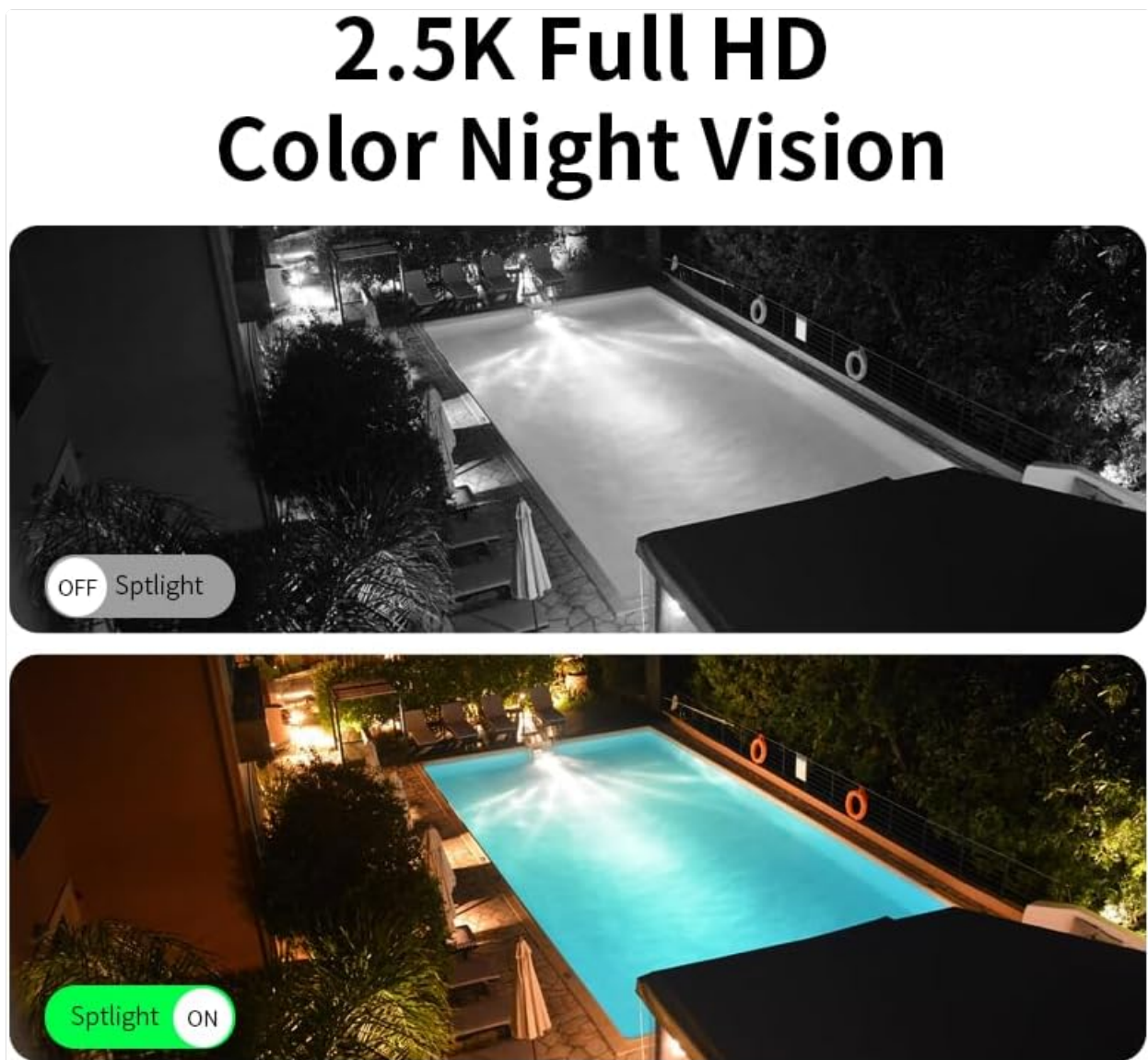


**Figure 3:** Demonstration of 2.5K Full HD Color Night Vision. The top image shows standard night vision (black and white) with the spotlight off, while the bottom image shows vivid color night vision with the spotlight activated.

### 4. Motion Detection and Alerts

The camera is equipped with smart human and vehicle detection. When motion is detected, the camera will:

- Send an instant alert notification to your mobile device via the XIAOVV APP.
- Activate the strobe light and integrated spotlight.
- Trigger the built-in siren to deter suspicious individuals.



**Figure 4:** An example of an instant alert notification on a smartphone, indicating motion detected by the camera.

## 5. Family Sharing

The XIAOVV APP supports family sharing, allowing multiple users to access the camera's live feed and recordings. You can invite family members to view the camera by following the sharing options within the app settings.

## MAINTENANCE

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### 1. Cleaning

To ensure optimal image quality, periodically clean the camera lens with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

### 2. Weather Resistance

The camera has an IP65 waterproof rating, meaning it is protected against dust ingress and low-pressure water jets from

any direction. This allows it to operate reliably in various outdoor weather conditions, including heavy rain and fog.



**Figure 5:** The XIAOVV camera operating outdoors during rainfall, highlighting its IP65 waterproof design.

## TROUBLESHOOTING

| Problem                                | Possible Cause                                                                                   | Solution                                                                                                                                                                                                                                                                 |
|----------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera offline/Cannot connect to Wi-Fi | Incorrect Wi-Fi password; Camera too far from router; Router is 5GHz only; Network interference. | <ul style="list-style-type: none"><li>• Verify Wi-Fi password.</li><li>• Move camera closer to the 2.4GHz Wi-Fi router.</li><li>• Ensure your router supports 2.4GHz Wi-Fi and you are connecting to the 2.4GHz band.</li><li>• Restart the camera and router.</li></ul> |

| Problem                    | Possible Cause                                                        | Solution                                                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poor image quality         | Lens is dirty; App is in SD mode; Insufficient network bandwidth.     | <ul style="list-style-type: none"><li>• Clean the camera lens.</li><li>• Switch to HD mode in the XIAOVV APP.</li><li>• Ensure stable and sufficient internet speed.</li></ul>                                                               |
| Motion alerts not received | Motion detection disabled; App notifications blocked; Network issues. | <ul style="list-style-type: none"><li>• Enable motion detection in the app settings.</li><li>• Check your phone's notification settings for the XIAOVV APP.</li><li>• Ensure stable internet connection for both camera and phone.</li></ul> |

## SPECIFICATIONS

| Feature                           | Detail                                                                 |
|-----------------------------------|------------------------------------------------------------------------|
| Brand                             | XIAOVV                                                                 |
| Model                             | B0D49HTLC3                                                             |
| Video Capture Resolution          | 4 MP, 2K (2304*1296)                                                   |
| Effective Still Resolution        | 4 MP                                                                   |
| Connectivity Technology           | Wi-Fi (2.4GHz only), Ethernet                                          |
| Wireless Communication Technology | Wi-Fi                                                                  |
| Power Source                      | Corded Electric                                                        |
| Mounting Type                     | Wall Mount                                                             |
| Indoor/Outdoor Usage              | Outdoor                                                                |
| International Protection Rating   | IP65                                                                   |
| Controller Type                   | XIAOVV APP                                                             |
| Alert Type                        | Motion Only (Human/Vehicle Detection)                                  |
| Special Feature                   | Easy to Install, Panoramic PTZ, Color Night Vision, Automatic Tracking |
| Item Weight                       | 1 pounds                                                               |
| Package Dimensions                | 6 x 6 x 4 inches                                                       |

# WARRANTY AND SUPPORT

This XIAOVV Wireless Outdoor Security Camera comes with a**365-day warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, troubleshooting assistance, or warranty claims, please contact XIAOVV customer service through the contact information provided in the XIAOVV APP or on the official XIAOVV website. Please have your product model number (B0D49HTLC3) and purchase details ready when contacting support.

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## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

### Name

Anonymous

### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

## Answered questions about this manual

### How do I reset the XIAOVV B0D49HTLC3 security camera to connect it to my existing Wi-Fi network?

To connect your XIAOVV B0D49HTLC3 camera to your existing Wi-Fi and bypass any forced provider sign-in pages, please follow these steps:Verify Network Compatibility: Ensure you are attempting to connect to a 2.4GHz Wi-Fi network....

[Read full answer](#)