**REOLINK Duo 2 WiFi**

# REOLINK Duo 2 WiFi Camera User Manual
Model: Duo 2 WiFi

## 1. INTRODUCTION

The REOLINK Duo 2 WiFi camera is an advanced security solution featuring a dual-lens design that provides a wide 180-degree field of view. This camera supports WiFi 6 for enhanced connectivity and includes a 256GB microSD card for local storage of high-resolution 4K Ultra HD video. It offers intelligent detection capabilities for persons, vehicles, and animals, along with enhanced color night vision for comprehensive surveillance.

## 2. WHAT'S IN THE BOX

- 1 x REOLINK Duo 2 WiFi Camera
- 1 x 256GB microSD Card
- Mounting Template
- Mounting Screws and Wall Anchors
- Power Adapter
- Network Cable (for initial setup or wired connection)
- Quick Start Guide

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components of your REOLINK Duo 2 WiFi camera.

# Watch Clearer Videos in a Wider Angle of View

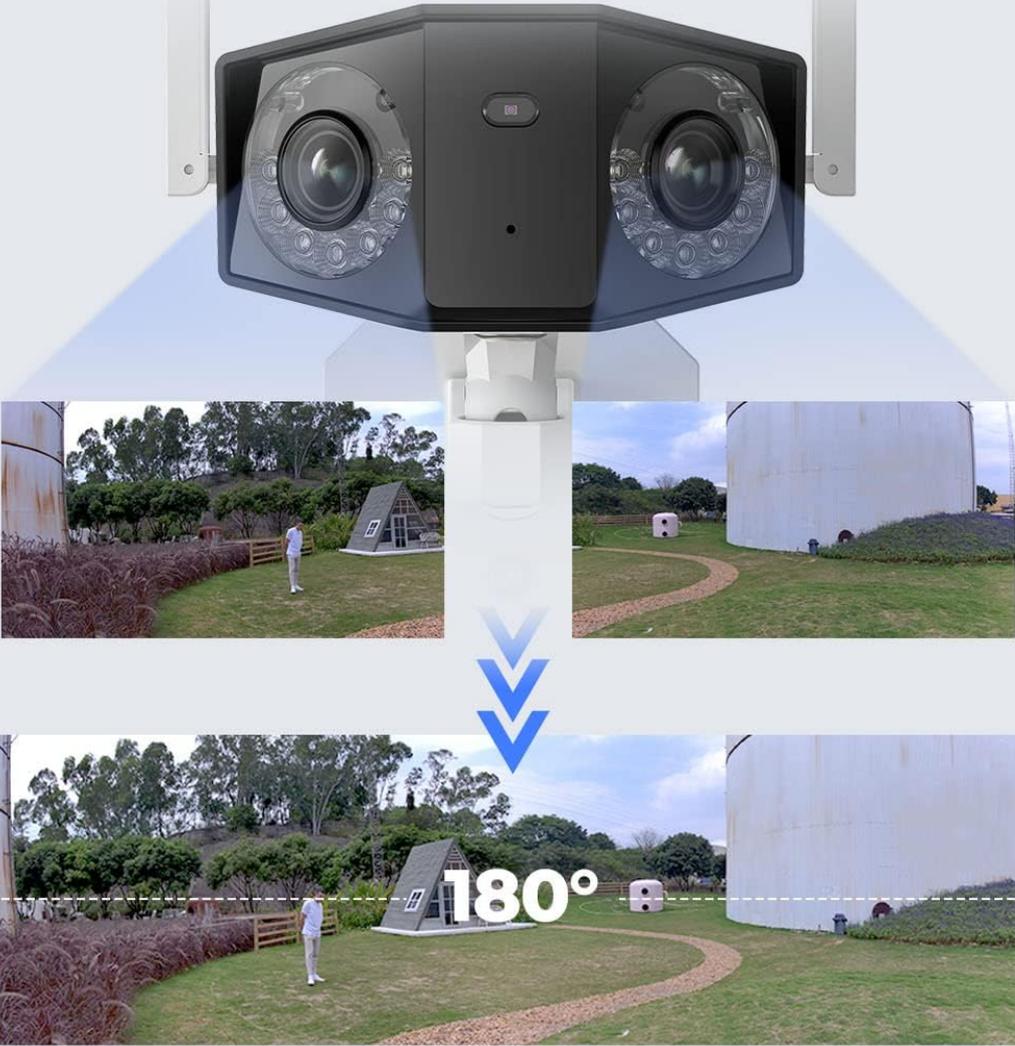**4K**
Ultra HD

**180°**
Viewing Angle

**180°**

Image: Front view of the REOLINK Duo 2 WiFi camera, highlighting its dual lenses, integrated spotlights, and two external Wi-Fi antennas.

# Enhanced Color Night Vision

With motion-triggered spotlights, captures vivid details in full color at night.
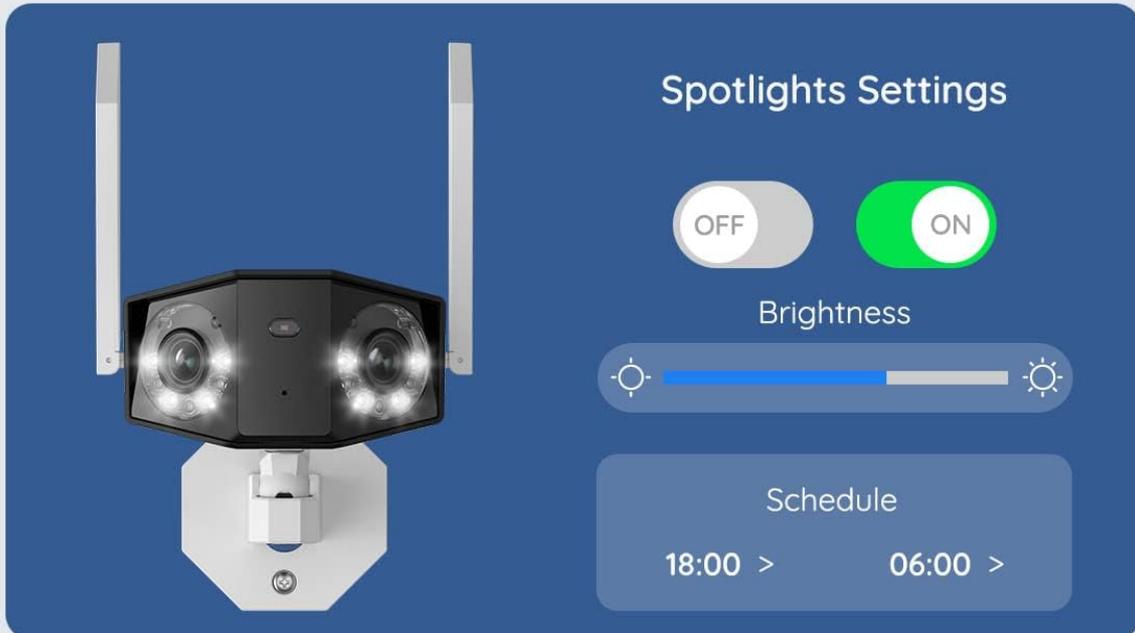


Image: The REOLINK Duo 2 WiFi camera with an overlay showing spotlight settings (ON/OFF, brightness, schedule) for enhanced color night vision.

- **Dual Lenses:** Provide a combined 180-degree panoramic view.
- **Spotlights:** Integrated for color night vision and deterrence.
- **Microphone & Speaker:** For two-way audio communication.
- **MicroSD Card Slot:** For local video storage (256GB card included).
- **Antennas:** Two external antennas for stable WiFi 6 connectivity.
- **Reset Button:** To restore factory settings.
- **Power Port:** For connecting the power adapter.

# 4. SETUP

## 4.1 Initial Setup and App Configuration

1. **Power On:** Connect the camera to a power outlet using the provided power adapter. The camera will initiate its startup sequence.

2. **Download REOLINK App:** Download and install the official REOLINK App from your device's app store (available for iOS and Android).

3. **Add Device:** Open the REOLINK App, tap the "+" icon in the top right corner, and scan the QR code located on the camera body. Follow the on-screen instructions to connect the camera to your WiFi network. The camera supports WiFi 6 for optimal performance.

4. **Create Password:** Set a strong password for your camera for security.

5. **Insert MicroSD Card:** Ensure the 256GB microSD card is properly inserted into the camera's microSD card slot for local storage.

## 4.2 Mounting the Camera

The REOLINK Duo 2 WiFi camera is designed for wall mounting, suitable for outdoor use (IP54 rated).

Image: An illustration demonstrating the wall-mounting process for the REOLINK Duo 2 WiFi camera, including drilling points and screw placement.

1. **Choose a Location:** Select a suitable outdoor location that provides the desired viewing angle and has a stable WiFi signal. Ensure the camera is within range of a power source.

2. **Use Mounting Template:** Place the mounting template on the wall and mark the positions for drilling holes.

3. **Drill Holes:** Drill holes at the marked positions. Insert wall anchors if mounting on a masonry surface.

4. **Secure the Camera:** Align the camera's mounting bracket with the drilled holes and secure it using the provided screws.

5. **Adjust Angle:** Adjust the camera's angle to cover the desired area.

# 5. OPERATING INSTRUCTIONS

## 5.1 Live View and Playback

- Open the REOLINK App and select your camera to access the live view.
- Use the playback feature to review recorded footage stored on the 256GB microSD card.



Image: A visual representation of the REOLINK Duo 2 WiFi camera's 180-degree field of view, showing how two camera feeds are stitched together to create a wide panoramic image.

## 5.2 Recording and Storage

The camera supports continuous recording and motion-triggered recording directly to the included 256GB

microSD card.



Image: A close-up of the REOLINK 256GB microSD card, highlighting its V30 and A2 ratings for fast transfer speeds and professional surveillance recording.

Image: A chart illustrating the approximate recording duration for different microSD card capacities (32GB, 64GB, 128GB, 256GB) when recording 1080p video continuously. The 256GB card can record up to 25 days.

## 5.3 Smart Detection and Alerts

The camera features intelligent motion detection, specifically designed to identify persons, vehicles, and animals, reducing false alarms.

Image: A scene depicting the REOLINK camera's smart detection capabilities, with outlines around a person, a car, and a dog, indicating successful identification and a notification alert.

- Configure detection zones and sensitivity settings in the REOLINK App.
- Receive push notifications or email alerts when motion is detected.

## 5.4 Enhanced Color Night Vision

With integrated spotlights, the camera provides clear, full-color video even in low-light conditions.
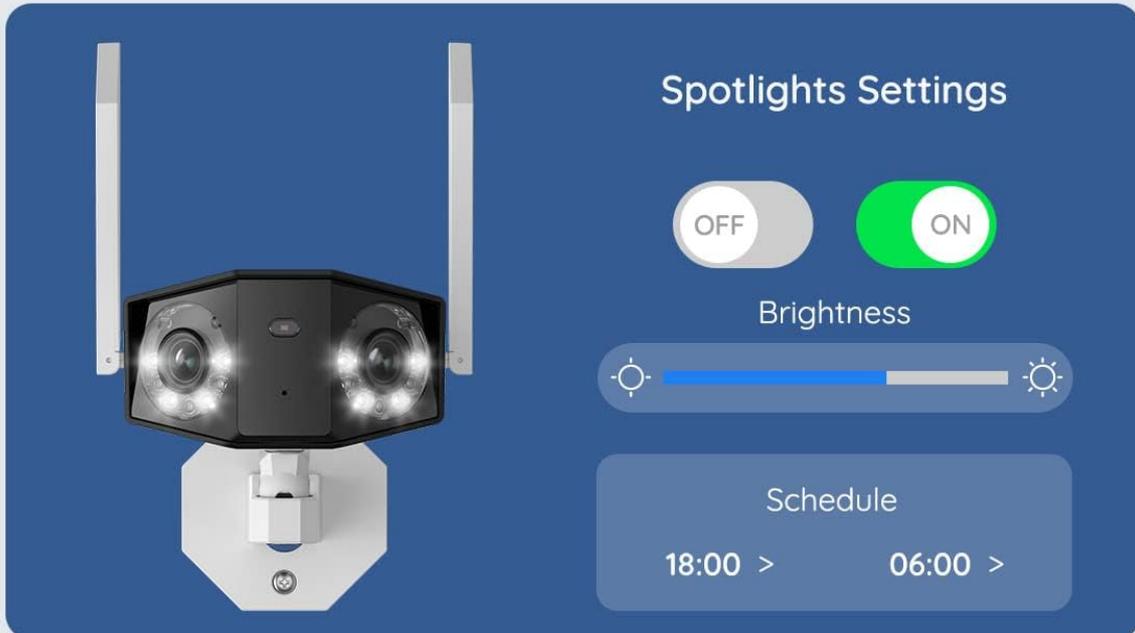
Image: The REOLINK Duo 2 WiFi camera with an overlay showing spotlight settings (ON/OFF, brightness, schedule) for enhanced color night vision, alongside a sample image of a city at night captured in color.

- Adjust spotlight settings (on/off, brightness, schedule) via the REOLINK App.
- The camera automatically switches to night vision mode in low light.

## 5.5 WiFi 6 Connectivity

The camera leverages WiFi 6 technology for superior network performance, offering lower latency, enhanced coverage, and larger capacity compared to older WiFi standards.

Image: A graphic illustrating the benefits of WiFi 6 for the REOLINK Duo 2 WiFi camera, including lower latency, enhanced coverage, and larger capacity, with a comparison bar showing WiFi 6 speeds versus WiFi 5 speeds.

## 6. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lenses and body with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners.

- **Firmware Updates:** Check for and install firmware updates through the REOLINK App to ensure optimal performance and access to new features.

- **MicroSD Card Management:** Periodically review recorded footage and format the microSD card if necessary to maintain recording efficiency. Back up important footage before formatting.

- **Power Supply:** Ensure the power adapter and cable are free from damage.

# 7. TROUBLESHOOTING

## Common Issues and Solutions:

- **Camera Not Powering On:**
  - Check the power connection and ensure the adapter is securely plugged into both the camera and a working power outlet.
  - Try a different power outlet.

- **Cannot Connect to WiFi:**
  - Ensure the camera is within range of your WiFi router.
  - Verify your WiFi password is correct.
  - Restart your router and the camera.
  - If using a dual-band router, ensure you are connecting to the correct 2.4GHz or 5GHz network as supported by the camera.
  - Consider temporarily moving the camera closer to the router during setup.

- **Poor Video Quality:**
  - Check your internet connection speed. A stable and fast connection is required for 4K streaming.
  - Ensure the camera lenses are clean and free from obstructions.
  - Adjust video quality settings in the REOLINK App to a lower resolution if bandwidth is limited.

- **Motion Detection Not Working or Too Many False Alarms:**
  - Adjust the motion detection sensitivity and detection zones in the REOLINK App.
  - Ensure the camera's firmware is up to date.
  - For false alarms, refine the smart detection settings to focus on persons, vehicles, or animals.

- **MicroSD Card Not Recording:**
  - Ensure the microSD card is properly inserted.
  - Check if the card is full; format it if necessary (back up data first).
  - Verify recording schedules and settings in the REOLINK App.
  - The included 256GB card is pre-formatted, but if using a different card, ensure it is compatible and formatted correctly (FAT32 or exFAT).

## Resetting the Camera

If you encounter persistent issues, you may need to reset the camera to its factory default settings. Locate the reset button (usually a small pinhole) on the camera body. Use a pin or paperclip to press and hold the button for approximately 10 seconds until you hear a prompt indicating the reset is complete. After resetting, you will need to reconfigure the camera through the REOLINK App.

# 8. SPECIFICATIONS

| Brand | REOLINK |
| --- | --- |
| Model | Duo 2 WiFi |
| Compatible Devices | Smartphone, Tablet |
| Connectivity Protocol | Wi-Fi |
| Mounting Type | Wall Mount |

| | |
|---|---|
| **Video Capture Resolution** | 2160p (4K Ultra HD) |
| **Wireless Communication Technology** | Wi-Fi (WiFi 6 Supported) |
| **Viewing Angle** | 180 Degrees (Dual-Lens FOV) |
| **Low Light Technology** | Night Color |
| **Alert Type** | Motion Only (with Smart Person/Vehicle/Animal Detection) |
| **Room Type** | Outdoor (also suitable for Classroom, Kitchen, Living Room, Office if desired) |
| **Video Capture Format** | MPEG-4 |
| **Effective Still Resolution** | 8 MP |
| **International Protection Rating** | IP54 |
| **Recommended Uses For Product** | Outdoor Security |
| **Special Feature** | Night Vision, Two-Way Audio |
| **Indoor/Outdoor Usage** | Outdoor |

## 9. WARRANTY INFORMATION

REOLINK products typically come with a limited warranty. For detailed information regarding the warranty period, coverage, and terms and conditions for your REOLINK Duo 2 WiFi camera, please refer to the official REOLINK website or the warranty card included with your product. Keep your purchase receipt as proof of purchase for warranty claims.

## 10. SUPPORT

For technical assistance, troubleshooting, or further inquiries regarding your REOLINK Duo 2 WiFi camera, please contact REOLINK customer support through the following channels:

- **Official Website:** Visit reolink.com/support for FAQs, firmware downloads, and support articles.
- **Email Support:** Contact REOLINK customer service via email for detailed assistance.
- **In-App Support:** Use the support features available within the REOLINK App.