

[Manuals.plus](#) /

› [REOLINK](#) /

› REOLINK Duo 3 PoE Camera and Junction Box B10 User Manual

REOLINK Duo 3 PoE and Junction Box B10

REOLINK Duo 3 PoE Camera and Junction Box B10 User Manual

Comprehensive Guide for Installation, Operation, and Maintenance

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your REOLINK Duo 3 PoE Security Camera and Junction Box B10. This system is designed for both outdoor and indoor home security, offering advanced features for comprehensive surveillance.

The REOLINK Duo 3 PoE camera features a 16MP resolution with a 180° panoramic view, enhanced color night vision, and intelligent detection capabilities. The included Junction Box B10 ensures a clean and secure installation, protecting cable connections from environmental elements.





Image: The REOLINK Duo 3 PoE camera and the Junction Box B10, illustrating the two main components of this security system bundle.

2. WHAT'S IN THE BOX

Upon unpacking your REOLINK Duo 3 PoE Camera and Junction Box B10 bundle, please verify that all the following items are included:

- 1 x REOLINK Junction Box B10
- 1 x REOLINK Duo 3 PoE Camera
- Necessary accessories for installation (screws, mounting template, etc.)
- 1 x 1-meter Network Cable (for testing purposes)

3. PRODUCT OVERVIEW

The REOLINK Duo 3 PoE camera is an advanced security solution offering superior image quality and intelligent

monitoring features. Its Power over Ethernet (PoE) capability simplifies installation by allowing both power and data transmission over a single network cable.

3.1 Key Features

- **16MP Ultra-Clear Details:** Captures highly detailed images, providing exceptional clarity for surveillance.
- **180° Panoramic View:** Dual-lens design offers a wide field of view, covering a larger area with a single camera.
- **Motion Track:** Advanced algorithms track detected motion within the camera's view.
- **F1.6 Color Night Vision:** Provides clear, full-color video even in low-light conditions.
- **Smart Person/Vehicle/Animal Detection:** Reduces false alarms by accurately identifying specific objects.
- **Flexible Storage Options:** Supports up to 256GB microSD card (not included) and 24/7 recording with Reolink NVR/FTP.

16MP Ultra-Clear Details, See Details Like Never Before



16MP

Image: Visual comparison demonstrating the superior detail captured by 16MP resolution compared to 4K, highlighting the clarity of the REOLINK Duo 3 PoE camera.

180° Super Coverage, Every Corner Secured

Wide Pano View: 2-in-1 Stitch Algorithm



180°

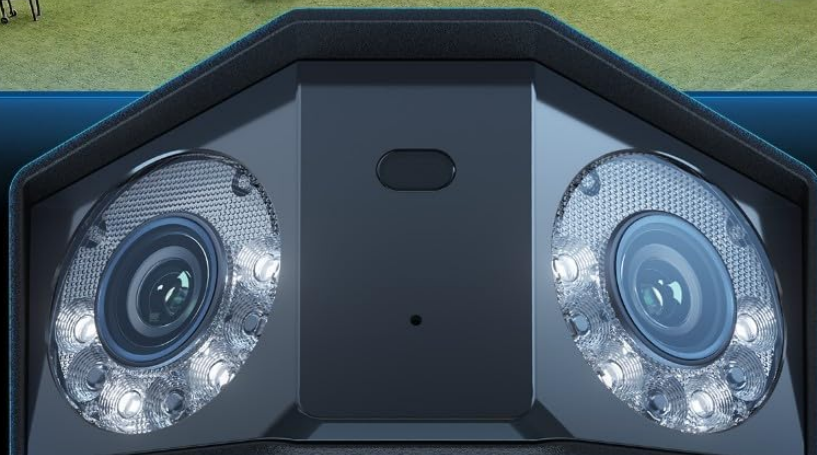


Image: Illustration of the 180-degree super coverage provided by the dual-lens camera, showing how it secures every corner with a wide panoramic view.

One Image, Full Motion Unveiled

Get Accurate Information with Less Time



Motion Track



Email



Image: Depiction of the motion tracking feature, showing how the camera captures a sequence of movements to provide a full motion overview.

See Through the Darkness with F1.6

Multiple Night Vision Modes Supported

F1.6

Aperture

6500K

Spotlight



Image: Comparison of night vision modes, demonstrating the effectiveness of F1.6 aperture and 6500K spotlight for clear color night vision.

Smart Person/Vehicle/ Animal Detection

AI Noise Reduction for 2-Way Audio

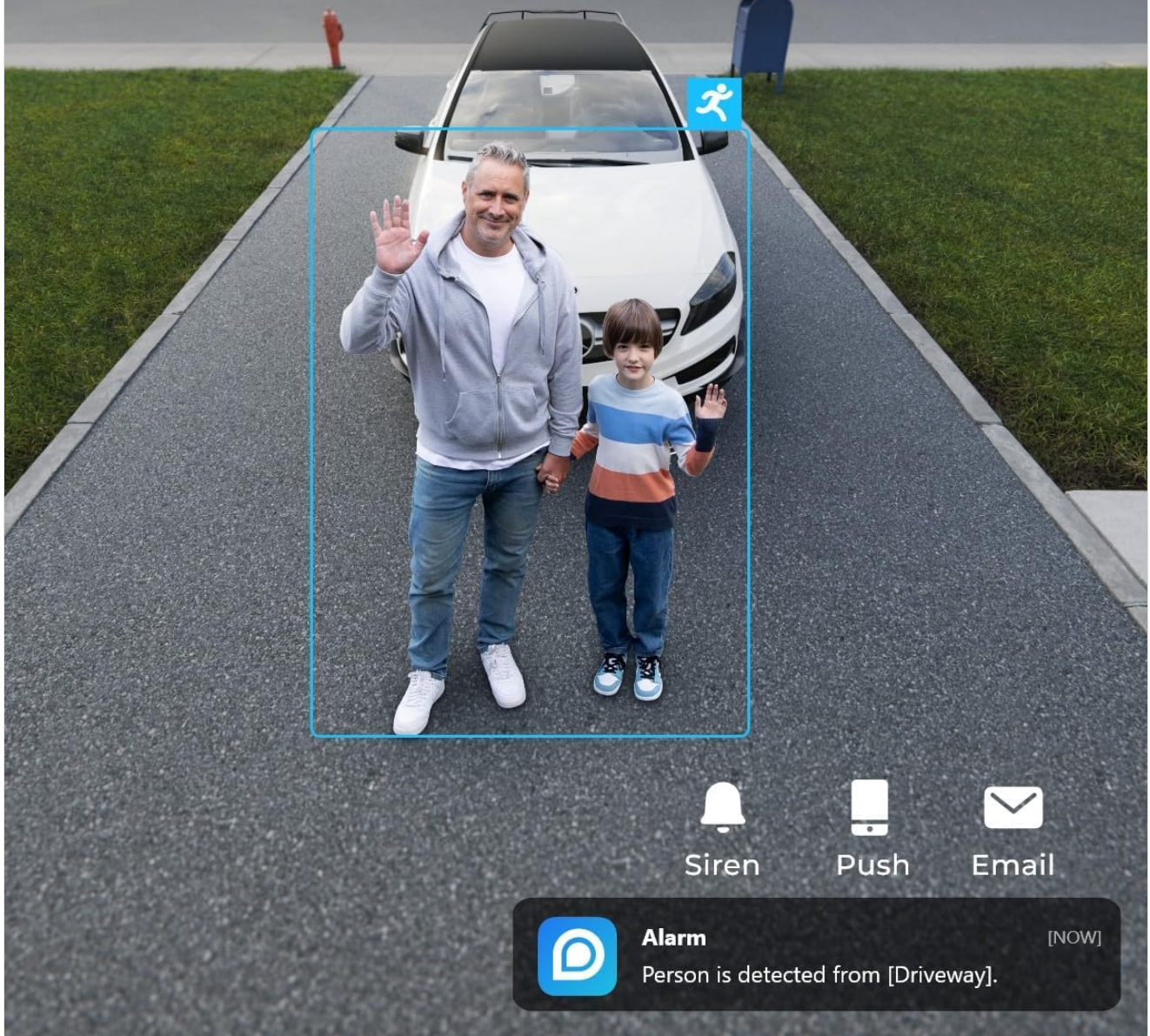


Image: Example of smart detection, showing the camera accurately identifying a person and a vehicle, with options for siren, push notifications, and email alerts.

Flexible Storage Options, No Extra Fees Needed

Up to
256GB

microSD Card (not included)



24/7
Recording

Works in the
Reolink NVR/FTP

Image: Illustration of the camera's flexible storage options, including support for up to 256GB microSD card and 24/7 recording with a Reolink NVR/FTP.

3.2 Junction Box B10 Compatibility

The Junction Box B10 is specifically designed to provide a secure and weather-resistant housing for cable connections, ensuring a neat and protected installation for various REOLINK bullet cameras, including the Duo 3 PoE.

Designed For

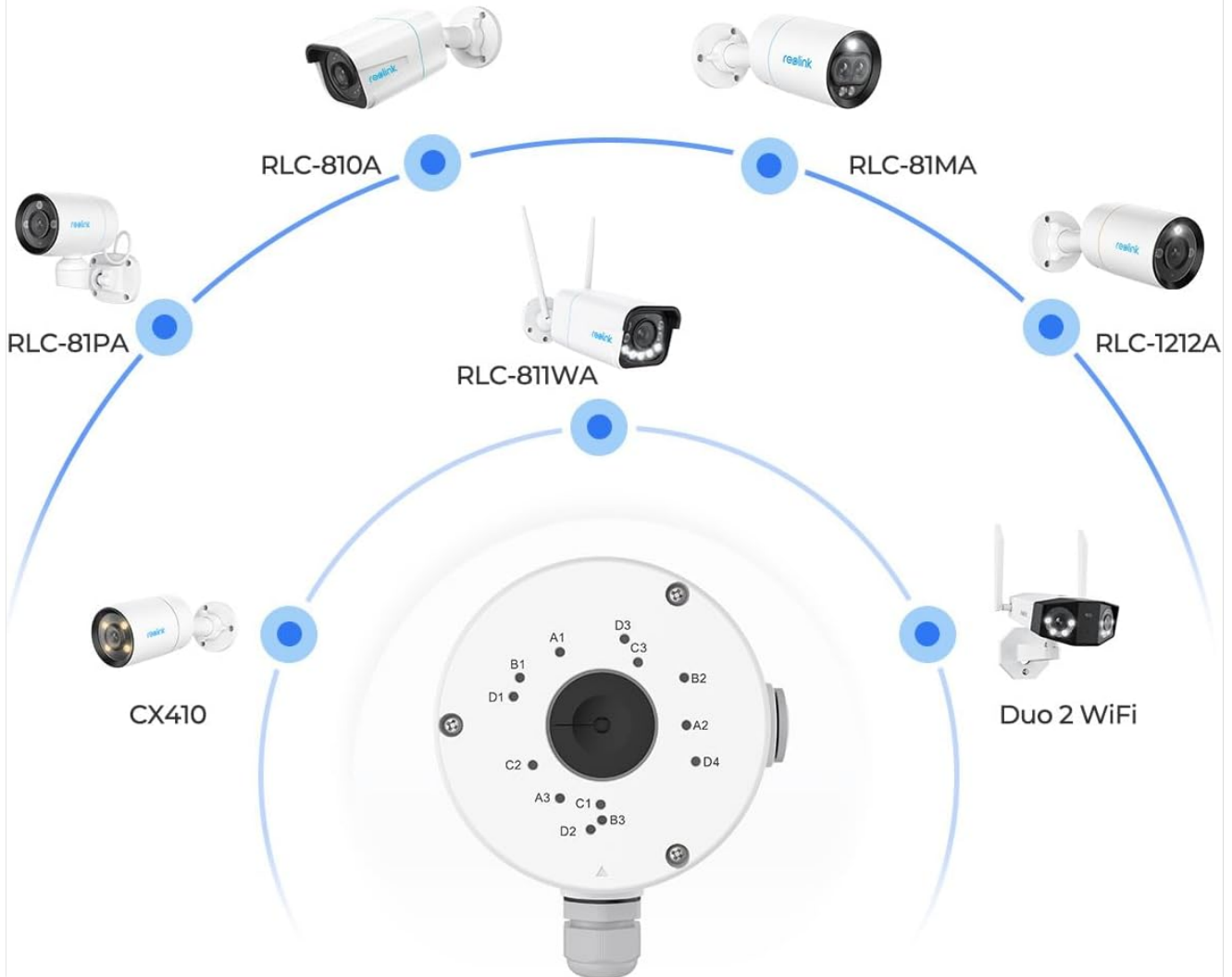


Image: Diagram showing the REOLINK Junction Box B10 and its compatibility with various REOLINK camera models, including the Duo 3 PoE.

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your security system. The REOLINK Duo 3 PoE camera and Junction Box B10 are suitable for both indoor and outdoor environments.

4.1 Mounting the Junction Box

1. **Choose a Location:** Select a suitable mounting location that provides the desired camera view and is within reach of your network cable. Ensure the surface is sturdy enough to support the camera and junction box.
2. **Mark Drilling Holes:** Use the provided mounting template to mark the positions for drilling holes on the wall or ceiling.
3. **Drill Holes:** Drill the marked holes and insert wall anchors if necessary (for masonry or drywall).
4. **Attach Junction Box:** Secure the Junction Box B10 to the mounting surface using the provided screws.

4.2 Connecting the Camera

1. **Route Cables:** Pass the network cable through the cable entry point of the junction box.
2. **Connect PoE Cable:** Connect one end of the network cable to the PoE port on the camera and the other end to your PoE switch or NVR.
3. **Secure Camera to Junction Box:** Attach the REOLINK Duo 3 PoE camera to the Junction Box B10, ensuring a tight and secure fit.
4. **Seal Connections:** Ensure all cable connections within the junction box are properly sealed to prevent water ingress, especially for outdoor installations.



Image: A REOLINK camera securely mounted on a wall using the Junction Box B10, demonstrating a clean and protected installation with cables routed through the box.

5. OPERATING THE CAMERA

Once installed and powered, your REOLINK Duo 3 PoE camera can be accessed and configured using the REOLINK App on your smartphone or the REOLINK Client software on your computer.

5.1 Initial Setup via App/Client

1. **Download App/Client:** Download the official REOLINK App from your mobile app store or the REOLINK Client software from the official REOLINK website.
2. **Add Device:** Open the app/client and follow the on-screen instructions to add your camera. You may need to scan the QR code on the camera or manually enter its UID.
3. **Configure Settings:** Adjust camera settings such as resolution, motion detection sensitivity, recording schedules, and notification preferences.

5.2 Key Operational Features

- **Live View:** Access real-time video streams from your camera.
- **Playback:** Review recorded footage stored on the microSD card or NVR.
- **Motion Alerts:** Receive push notifications, emails, or siren alerts upon detection of persons, vehicles, or animals.
- **Two-Way Audio:** Utilize the built-in microphone and speaker for two-way communication (if supported by your specific camera model).
- **Night Vision Modes:** Switch between different night vision modes (e.g., black & white, color) based on lighting conditions.

6. MAINTENANCE

Regular maintenance helps ensure the optimal performance and longevity of your REOLINK security system.

- **Lens Cleaning:** Periodically clean the camera lens with a soft, dry cloth to remove dust or smudges that may affect image quality. Avoid abrasive cleaners.
- **Cable Inspection:** For outdoor installations, regularly inspect the network cable and connections within the junction box for any signs of wear, damage, or water ingress.
- **Firmware Updates:** Check for and install the latest firmware updates for your camera via the REOLINK App or Client. Firmware updates often include performance improvements and security enhancements.
- **Software Updates:** Keep your REOLINK App and Client software updated to the latest versions.

7. TROUBLESHOOTING

If you encounter issues with your REOLINK Duo 3 PoE camera, refer to the following common troubleshooting steps:

- **No Power/No Image:**
 - Ensure the PoE switch or NVR is powered on and functioning correctly.
 - Verify the network cable is securely connected at both ends.
 - Try a different network cable to rule out cable issues.
- **Poor Image Quality:**

- Clean the camera lens.
- Check your network bandwidth. Insufficient bandwidth can affect streaming quality.
- Ensure the camera's resolution settings are appropriate for your network and viewing device.

- **Motion Detection Not Working:**

- Check the motion detection settings in the REOLINK App/Client, including sensitivity and detection zones.
- Ensure the camera's time and date are correctly synchronized.

- **Cannot Access Camera Remotely:**

- Verify your internet connection is stable.
- Ensure the camera is connected to the internet and has a valid IP address.
- Check firewall settings on your router or network that might be blocking access.

For more detailed troubleshooting or persistent issues, please refer to the REOLINK official support website or contact their technical support.

8. SPECIFICATIONS

Key technical specifications for the REOLINK Duo 3 PoE Camera and Junction Box B10 bundle:

Feature	Description
Model	REOLINK Duo 3 PoE Camera, Junction Box B10
ASIN	B0F8MS77VD
Resolution	16 Megapixels
Field of View	180° Panoramic View
Night Vision	F1.6 Color Night Vision
Detection	Person/Vehicle/Animal Detection
Power	Power over Ethernet (PoE)
Storage	Supports up to 256GB microSD card (not included), 24/7 recording with Reolink NVR/FTP
Installation Environment	Outdoor/Indoor
First Available Date	February 19, 2024

9. WARRANTY AND SUPPORT

REOLINK is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your REOLINK Duo 3 PoE Camera and Junction Box B10 bundle comes with a 2-year warranty provided directly by the manufacturer.
- **Technical Support:** Enjoy peace of mind with REOLINK's lifetime technical support. For assistance, please visit the official REOLINK support website or contact their customer service team.

For more information and product updates, visit the official REOLINK Store:[REOLINK Store on Amazon](#)

© 2024 REOLINK. All rights reserved.