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REOLINK BWPT2K05

Reolink Argus Series B430 Dome IP Security Camera User Manual

Model: BWPT2K05

1. Introduction

Thank you for choosing the Reolink Argus Series B430 Dome IP Security Camera. This manual provides comprehensive instructions for setting up, operating, and maintaining your camera to ensure optimal performance and security. Please read this manual thoroughly before using the product and keep it for future reference.

The Reolink Argus Series B430 is a versatile indoor/outdoor IP security camera designed to provide high-resolution surveillance with advanced features such as pan-tilt functionality, motion detection, and two-way audio.

2. Safety Information

- Ensure the camera is installed in a stable location to prevent falling.
- Use only the power adapter supplied by Reolink or a certified equivalent.
- Do not expose the camera to extreme temperatures, humidity, or corrosive environments.
- Avoid pointing the camera directly at strong light sources, as this may affect image quality.
- Keep the camera away from children and pets.
- Do not attempt to disassemble or modify the camera. This will void the warranty.
- For outdoor installation, ensure all cable connections are properly sealed to prevent water ingress.

3. Package Contents

Please check the package for the following items:

- Reolink Argus Series B430 Dome IP Security Camera
- Power Adapter
- Mounting Plate
- Mounting Screw Kit
- Network Cable (for initial setup or wired connection, if applicable)
- Quick Start Guide

- Surveillance Sign

4. Product Overview

Familiarize yourself with the camera's components and interfaces.



Figure 4.1: Front view of the Reolink Argus Series B430 Dome IP Security Camera, showing the lens, IR LEDs, and spotlight.



Figure 4.2: Side view of the camera, highlighting the USB port for power and the power input port. The antenna is also visible.

Key Components:

- **Lens:** Captures video footage.
- **Infrared (IR) LEDs:** Provide night vision in low-light conditions.
- **Spotlight:** Enhances color night vision and acts as a deterrent.
- **Microphone:** Captures audio for two-way communication.
- **Speaker:** Enables two-way audio and siren functionality.
- **Antenna:** For Wi-Fi connectivity.
- **USB Port:** Used for power input.
- **Reset Button:** Used to restore factory settings.
- **Micro SD Card Slot:** For local storage of recordings.

5. Setup

5.1. Camera Installation

The Reolink Argus Series B430 can be installed indoors or outdoors. Choose a location that provides the desired viewing angle and has strong Wi-Fi signal coverage.



Figure 5.1: Example of outdoor installation, showing the camera mounted on a wall and connected to an optional solar panel for continuous power.

Mounting Steps:

1. Drill holes according to the mounting template.
2. Insert wall anchors if installing on a masonry surface.
3. Attach the mounting plate to the wall/ceiling using the screws.
4. Secure the camera to the mounting plate.
5. Adjust the camera angle as needed.

5.2. Powering On the Camera

Connect the power adapter to the camera's power input port and then plug it into a power outlet. The camera will power on and initiate its startup sequence.

5.3. Initial Setup via Reolink App

1. Download the Reolink App from the App Store (iOS) or Google Play (Android).
2. Open the app and tap the "+" icon in the top right corner to add a new device.
3. Scan the QR code on the camera body. If you cannot find the QR code, manually enter the UID (Unique ID) of the camera.
4. Follow the on-screen instructions to connect the camera to your Wi-Fi network. Ensure your phone is connected to the 2.4GHz or 5GHz Wi-Fi network that the camera will use.
5. Create a strong password for your camera.
6. The camera is now ready for use.

6. Operating the Camera

6.1. Live View

Open the Reolink App and tap on the camera in your device list to access the live view. You can view real-time footage, take snapshots, and record video manually.

6.2. Pan, Tilt, and Zoom (PTZ) Control

On the live view interface, use the directional controls to pan (move horizontally) and tilt (move vertically) the camera lens. The digital zoom function allows you to zoom in on specific areas of interest.

6.3. Motion Detection and Alerts

Configure motion detection settings in the app. You can set detection zones, sensitivity levels, and schedule. When motion is detected, the camera can:

- Send push notifications to your phone.
- Send email alerts with snapshots.
- Record video to the Micro SD card or Reolink Cloud (subscription may be required).
- Trigger the siren or spotlight.

6.4. Two-Way Audio

Tap the microphone icon in the live view to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's microphone.

6.5. Playback

Access recorded footage by tapping the "Playback" option in the app. You can browse recordings by date and time, and download clips to your phone.

7. Maintenance

7.1. Cleaning the Camera

Gently wipe the camera lens and body with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

7.2. Firmware Updates

Regularly check for firmware updates via the Reolink App. Keeping your camera's firmware up-to-date ensures optimal

performance, new features, and security enhancements.

7.3. Storage Management

If using a Micro SD card, ensure it has sufficient free space. You can configure recording modes (e.g., continuous, motion-triggered) to optimize storage usage. Periodically review and delete old footage if necessary.

8. Troubleshooting

8.1. Camera Offline

- Check if the camera is powered on.
- Verify your Wi-Fi network is working correctly.
- Ensure the camera is within range of your Wi-Fi router.
- Restart the camera and your router.
- If the issue persists, try resetting the camera to factory settings and re-adding it to the app.

8.2. Poor Image Quality

- Clean the camera lens.
- Ensure there are no obstructions in front of the lens.
- Check your internet connection speed. A slow connection can affect streaming quality.
- Adjust video resolution settings in the app.

8.3. Motion Detection Not Working

- Verify motion detection is enabled in the app settings.
- Adjust motion sensitivity.
- Check the detection zone settings.
- Ensure the camera's firmware is up-to-date.

9. Specifications

Feature	Detail
Model Number	BWPT2K05
Manufacturer	Reolink
Color	Black
Package Dimensions	22.8 x 16.3 x 14.7 cm
Item Weight	500 Grams
Included Components	1 piece (camera)
Batteries Required	No

Feature	Detail
ASIN	B0DF5QMHC1

10. Warranty and Support

Reolink products come with a limited warranty. For detailed warranty information, please refer to the official Reolink website or contact Reolink customer support.

For technical support, troubleshooting assistance, or to report issues, please visit the Reolink Support Center or contact their customer service team. You can often find FAQs, video tutorials, and community forums on their official website.

Official Website: www.reolink.com

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