REOLINK Argus Eco Series-3MP

REOLINK Argus Eco 2K Security Camera Wireless Outdoor User Manual

Model: Argus Eco Series-3MP | Brand: REOLINK

1. Introduction

The REOLINK Argus Eco 2K Security Camera is a versatile, battery/solar-powered wireless camera designed for outdoor home security. It offers 3MP Full HD video, infrared night vision, AI detection, and local storage without subscription fees. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Argus Eco camera.

2. What's in the Box

- Argus Eco Camera (1)
- Outdoor Security Mount (1)
- Reset Needle (1)
- Surveillance Sticker (1)
- Mounting Template (1)
- USB Cable (1)
- Pack of Screws (1)
- Quick Start Guide (1)



Figure 2.1: Included components of the Argus Eco package.

3. Product Overview

The Argus Eco camera is designed for ease of use and robust performance. Below are its key features and components.

3.1 Key Features

- **2K 3MP Full HD Video:** Provides clear and detailed video footage day and night.
- **100% Wire-Free:** Operates on 2.4GHz WiFi with a built-in rechargeable battery.
- **Solar/Battery Powered:** Can be charged by a universal 5V 2A phone adapter or a Reolink solar panel (sold separately) for continuous power.
- **Smart PIR Motion Detection:** Highly sensitive digital PIR sensor minimizes false alarms.
- **Instant Alerts:** Receive App push notifications, email alerts, and sound alarms (siren) upon motion detection.
- **Local Storage:** Supports up to 128GB SD card for secure recording without subscription fees.
- **Two-Way Talk:** Built-in microphone and speaker allow for remote communication.
- **Infrared Night Vision:** Up to 33ft night vision using 850nm infrared LED light.
- **Smart Home Integration:** Compatible with Amazon Alexa and Google Assistant for voice control.
- **Weatherproof (IP65):** Designed for outdoor use in various weather conditions.

3.2 Camera Components



Figure 3.1: Detailed view of the Argus Eco camera components.

- **Built-in Mic:** For audio input.
- **Status LED:** Indicates camera status.
- **Lens:** 100-degree wide-angle view.
- **IR LED:** For infrared night vision.
- **Daylight Sensor:** Detects ambient light for automatic mode switching.

- **Built-in PIR Sensor:** For motion detection.
- **Antenna:** For Wi-Fi connectivity.
- **Battery Status LED:** Indicates battery charge level.
- **Micro USB Port:** For charging.
- **Reset Hole:** For factory reset.
- **On/Off Switch:** To power the camera.
- **microSD Card Slot:** For local storage (up to 128GB).
- **Speaker:** For audio output and two-way talk.

4. Setup

4.1 Initial Setup & Unboxing

Before installation, it is recommended to perform the initial setup indoors to ensure proper functionality and network connection.

1. Turn on the camera using the On/Off switch.
2. Download the free Reolink App from your device's app store.
3. Open the Reolink App and click 'Add New Device'.
4. Scan the QR code located on the camera using the app.
5. Follow the in-app instructions to connect the camera to your 2.4GHz Wi-Fi network.

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Video 4.1: Argus Eco Black - Unboxing & Easy Setup. This video guides you through the initial unboxing and basic setup steps for your camera.

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Video 4.2: Wireless Solar-Powered Security Camera Argus Eco Unboxing. A detailed unboxing video for the Argus Eco, highlighting its wireless capabilities.

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Video 4.3: Reolink Battery Camera - Standalone, No Hub Needed. This video demonstrates the standalone nature of the Reolink battery camera, requiring no additional hub for operation.

4.2 Installation

The Argus Eco can be installed on a wall or a tree. Ensure the installation location has strong Wi-Fi signal and direct sunlight if using a solar panel.

Wall Installation:

1. Attach the outdoor security mount to the camera.
2. Use the mounting template to mark and pre-drill holes on the wall.
3. Screw the security mount to the wall.
4. Attach the camera to the mounted security mount.
5. Adjust the camera direction for optimal viewing angle.

Tree Installation:

1. Thread the hook and loop strap through the provided plate.

2. Screw the plate to the Argus Eco camera with the security mount.
3. Fasten the wrap strap around the tree, ensuring a secure fit.
4. Adjust the camera direction.

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Video 4.4: Reolink Argus Eco Solar Battery Security Camera Setup. This video provides a comprehensive guide on setting up the Argus Eco camera with a solar panel.



Figure 4.1: 100% Wireless, Hassle-Free Setup of the Argus Eco camera.



Figure 4.2: Argus Eco camera working with a solar panel (sold separately) for non-stop power.

5. Operating Instructions

5.1 Live View & Playback

Access live video streams and review recorded footage anytime, anywhere via the free Reolink App or client software.



Figure 5.1: REOLINK Argus Eco 2K Security Camera.

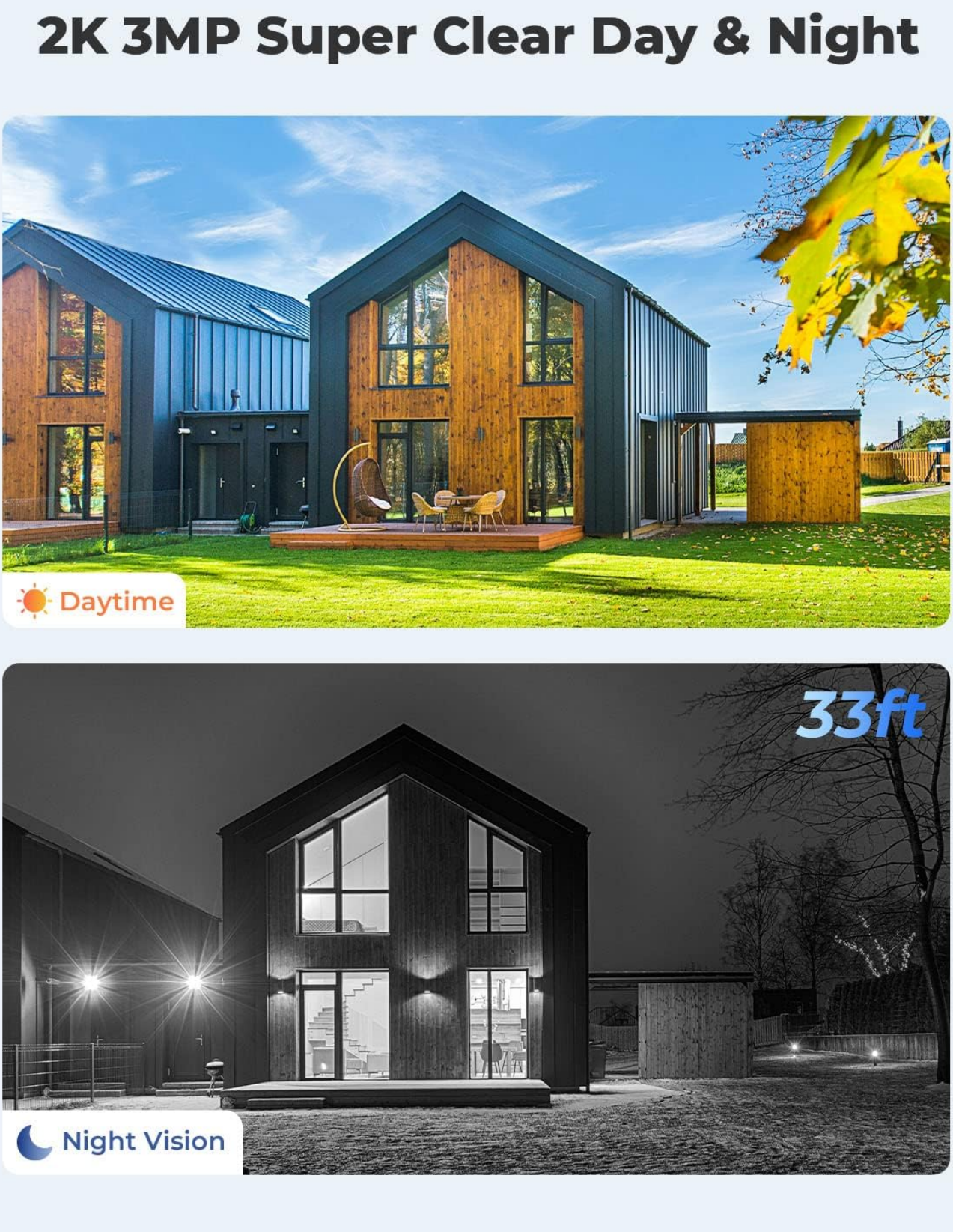


Figure 5.2: 2K 3MP Super Clear Day & Night Vision.

5.2 Two-Way Talk

Communicate with visitors or deter intruders using the built-in microphone and speaker through the Reolink App.

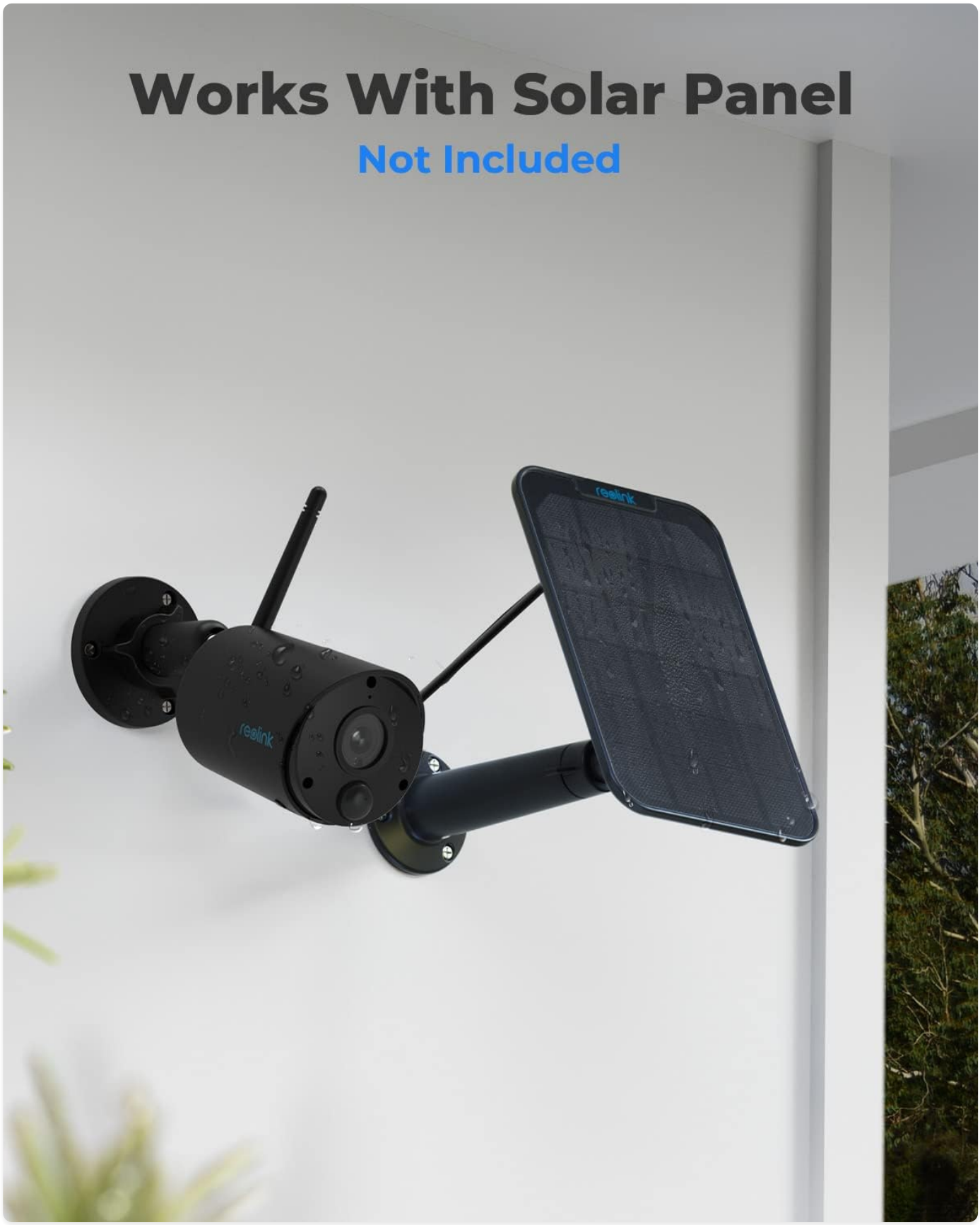


Figure 5.3: Two-Way Talk feature via the Reolink App.

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Video 5.1: Reolink Argus Eco Black with Solar Panel Wireless. This video showcases the wireless capabilities of the Argus Eco and its integration with a solar panel, including remote access features.

5.3 Smart PIR Motion Detection & Alerts

The camera's advanced PIR sensor detects heat signatures, reducing false alarms from non-human movements. You will receive

instant notifications and can customize siren sounds.

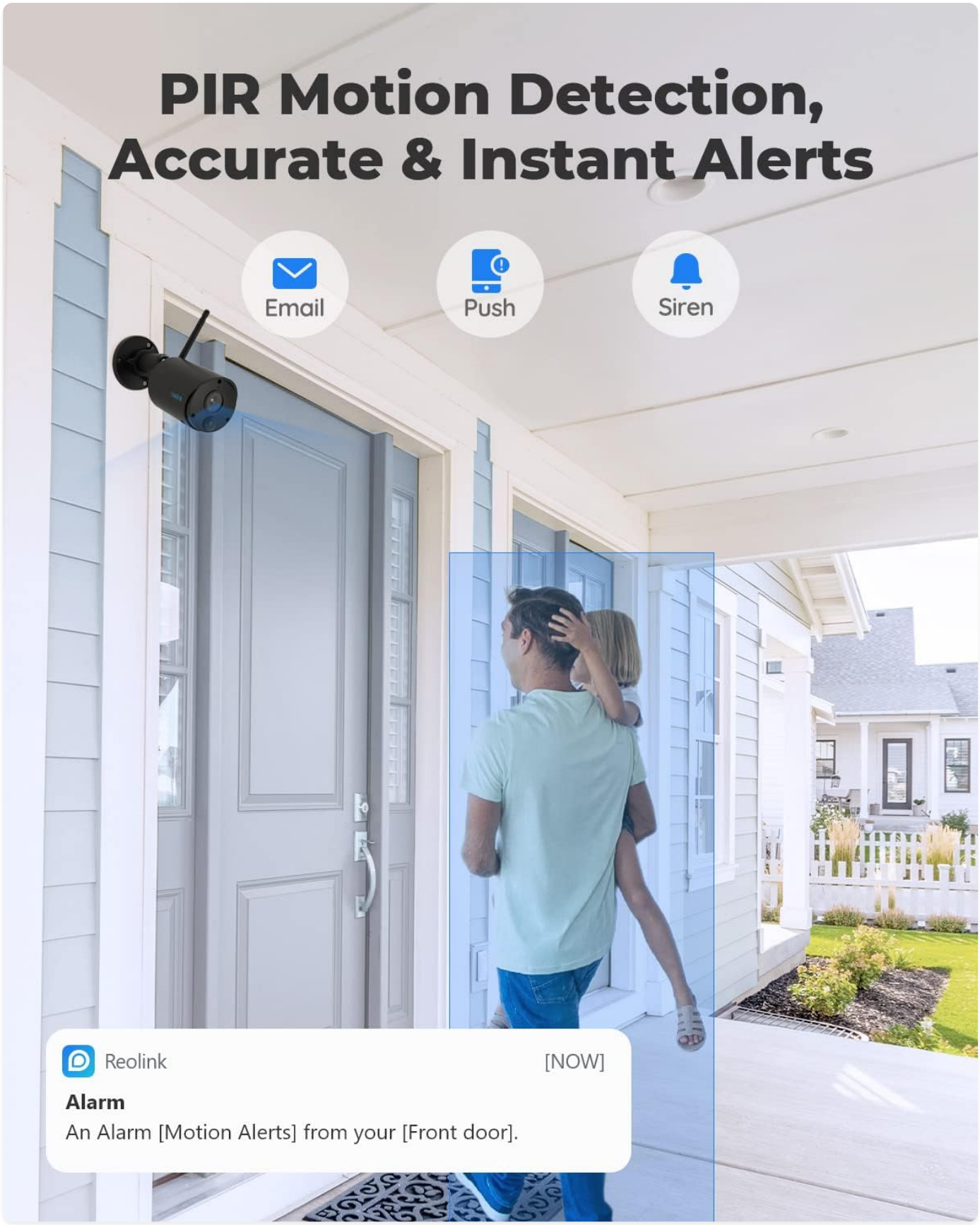


Figure 5.4: Smart PIR Motion Detection, Accurate & Instant Alerts.

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Video 5.2: Reolink Outdoor Security Camera - Customize the siren. This video demonstrates how to customize the siren sound on your Reolink outdoor security camera.

5.4 Local Storage

Motion-triggered videos are securely recorded to an SD card (up to 128GB) for later playback and download, ensuring your privacy and control over footage.

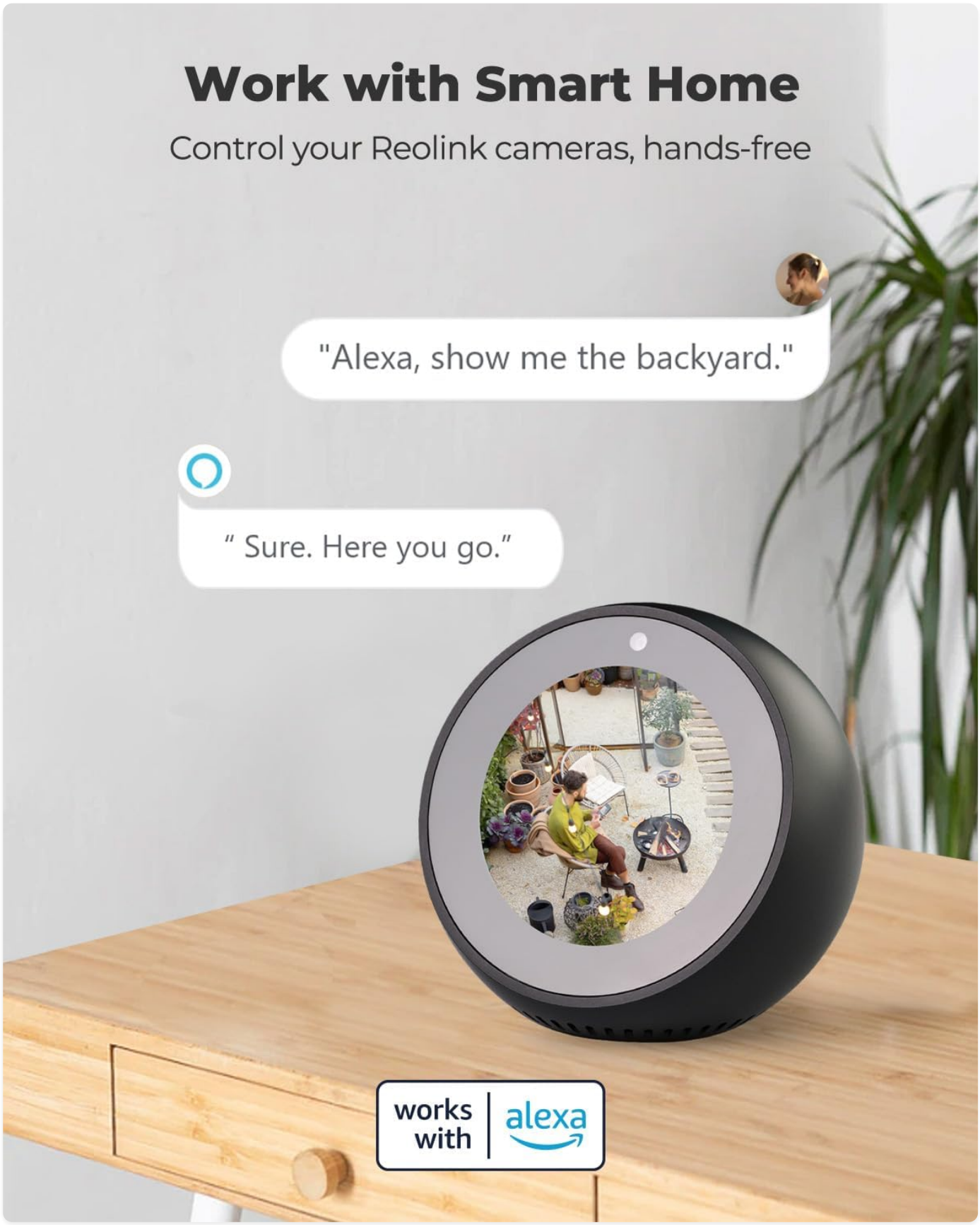


Figure 5.5: Secure Free Storage with microSD card (not included).

5.5 Smart Home Integration

Control your Reolink cameras hands-free using voice commands with compatible smart home devices.

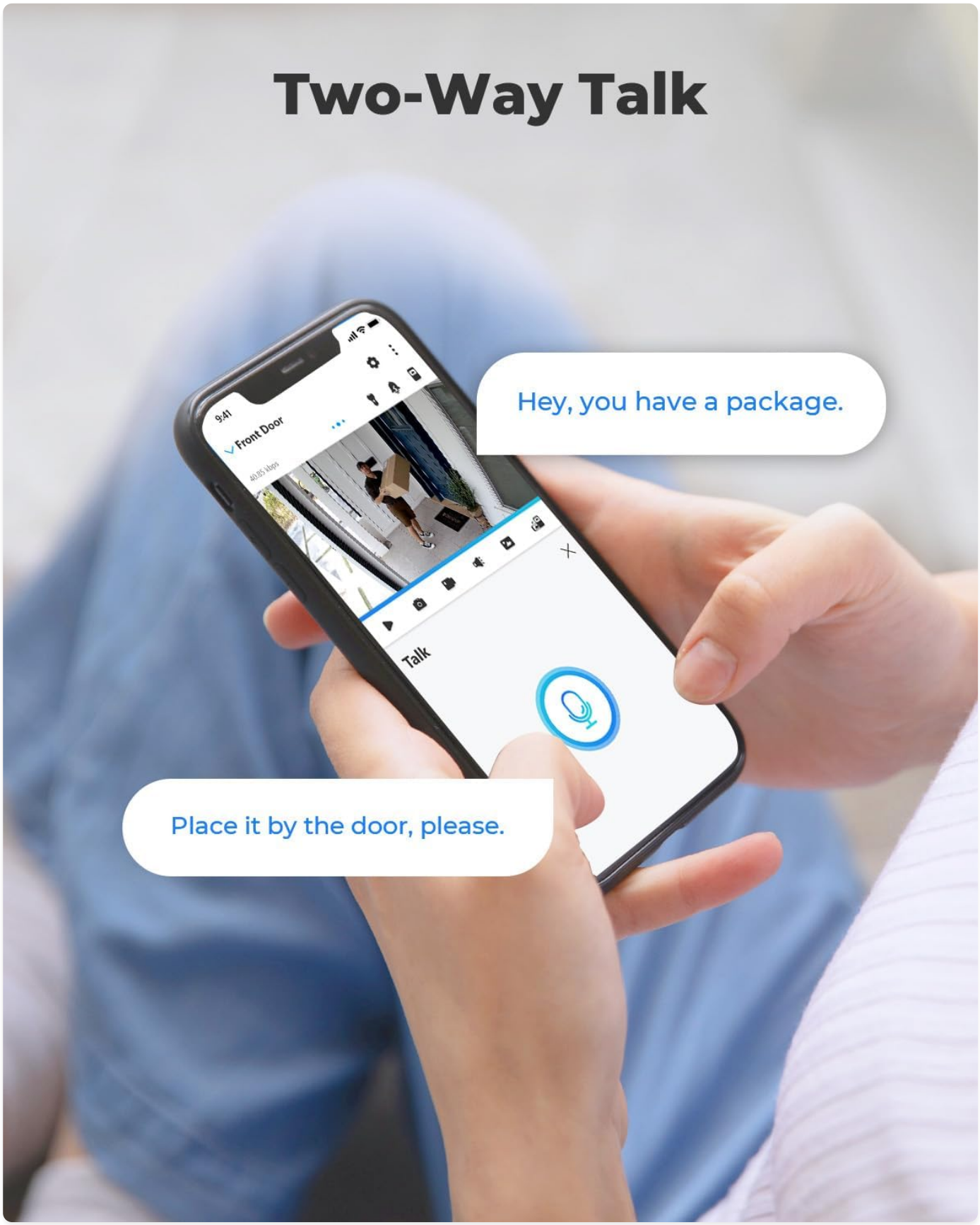


Figure 5.6: Work with Smart Home Devices (Alexa compatible).

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Video 5.3: Control home security camera system with Google Assistant. This video demonstrates how to integrate and control your Reolink security camera system using Google Assistant voice commands.

6. Maintenance

6.1 Battery Charging

The Argus Eco features a high-capacity rechargeable battery that can last for around 180 days in standby mode. Ensure regular charging to maintain optimal performance and prevent false alarms due to low battery.

6.2 Keeping Your Camera in Good Shape

Regularly check the camera for any physical damage or obstructions to the lens and sensors. Keep the camera clean and free from debris to ensure clear video quality and accurate detection.

7. Troubleshooting

7.1 Avoiding False Alarms

False alarms can be caused by various factors such as improper camera placement, incorrect sensitivity settings, or environmental factors. Follow these tips to minimize false alarms:

- **Proper Placement:** Avoid placing the camera near air vents, direct sunlight, or heat sources that can trigger the PIR sensor.
- **Adjust Sensitivity:** Lower the detection sensitivity value in the Reolink App to prevent triggers from small objects or distant movements.
- **Set Detection Zones:** Exclude areas with frequent irrelevant movements (e.g., swinging doors, busy roads) from the detection zone.
- **Keep Batteries Fresh:** Low battery levels (10% or less) can sometimes lead to false alarms. Recharge regularly.
- **Avoid Wireless Interference:** Place Wi-Fi routers and mobile phones at least 1 meter away from the camera to prevent signal interference.
- **Check for Faulty Equipment:** If the camera continues to send alerts even when placed in a drawer or airtight box, it might be faulty.
- **Use Person/Vehicle Detection:** For cameras with advanced AI, enable person/vehicle detection to receive alerts only for relevant movements.

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Video 7.1: How to avoid false alarms - Reolink Camera. This video provides helpful tips and settings adjustments to minimize false alarms from your Reolink camera.

8. Specifications

Model Name	Argus Eco Series
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	3MP (2048x1536)
Effective Video Resolution	1080p
Viewing Angle	100 Degrees

Night Vision Range	33 Feet
Power Source	Solar/Battery Powered (1 Lithium Ion battery required)
Battery Power	16.69 Watt Hours
Connectivity Protocol	Wi-Fi (2.4GHz)
Compatible Devices	Alexa, Reolink Home Hub, Reolink NVR, Smartphone
Control Method	App, Voice
Water Resistance Level	Water Resistant (IP65)
Item Weight	11.2 ounces
Product Dimensions	0.73 x 0.28 x 0.52 inches
Manufacturer	Reolink Digital
Date First Available	August 5, 2019

9. Warranty & Support

REOLINK is committed to providing reliable products and excellent customer service.

- **Money Back Guarantee:** 30-Day Money Back Guarantee and Free Return.
- **Limited Warranty:** 2-Year Limited Warranty.
- **Online Support:** 24/7 Online Support 1-on-1.

For further assistance, please visit the official REOLINK Store or refer to the User Guide (PDF) and User Manual (PDF) available for download.

10. Safety Information

The REOLINK Argus Eco camera is IP65 weatherproof and operates on 2.4GHz Wi-Fi only. Ensure proper installation and usage as described in this manual to maintain safety and optimal performance.

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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