REOLINK Argus PT 5MP

REOLINK Argus PT 5MP Wireless Security Camera with Solar Panel User Manual

1. PRODUCT OVERVIEW

The REOLINK Argus PT 5MP is a wireless, battery-powered security camera designed for outdoor use, featuring pan-tilt capabilities, 2K night vision, and dual-band Wi-Fi connectivity. It comes bundled with a solar panel for continuous charging and a 128GB microSD card for local storage.

Image: REOLINK Argus PT 5MP Wireless Security Camera.

2. WHAT'S IN THE BOX

- REOLINK Argus PT 5MP Camera (Black)
- REOLINK Solar Panel (Black)
- REOLINK 128GB MicroSD Card
- Mounting Bracket and Screws
- USB Charging Cable
- Quick Start Guide

Secure Local Storage

No Hidden Fees

microSD Card

Up to 128GB

*microSD card not included
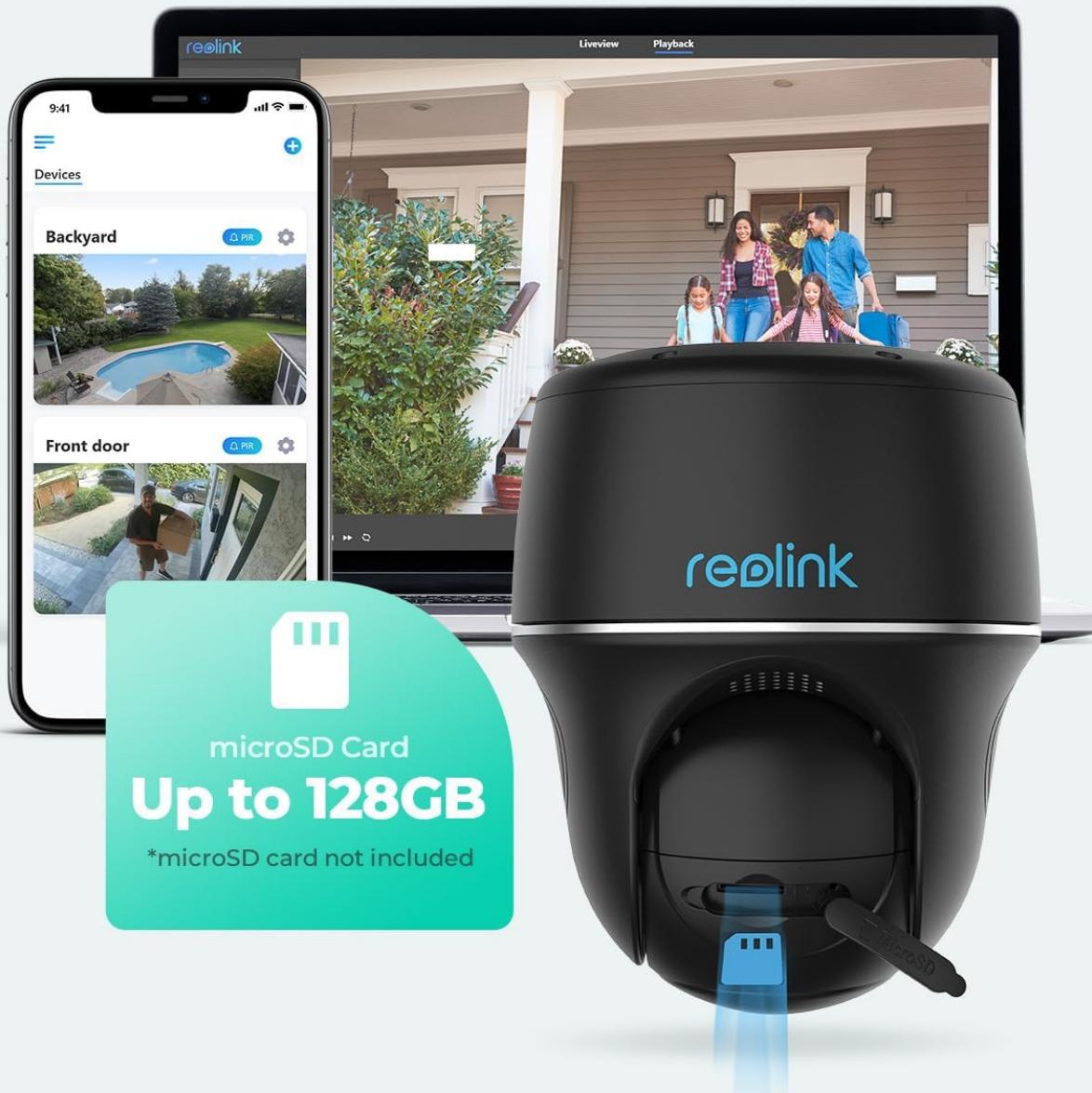
reolink

Image: REOLINK Solar Panel for continuous power.

Image: Included 128GB MicroSD card for local storage.

3. SETUP AND INSTALLATION

3.1 Initial Charging

Before first use, fully charge the camera battery using the provided USB cable and a 5V/2A power adapter (not included). A full charge ensures optimal performance and allows the solar panel to maintain the charge effectively.

3.2 App Installation and Camera Pairing

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.
4. Follow the on-screen instructions to connect the camera to your 2.4GHz or 5GHz Wi-Fi network. Ensure your router is within range.

3.3 MicroSD Card Installation

Insert the provided 128GB microSD card into the camera's microSD card slot. Ensure the camera is powered off before inserting or removing the card.

Image: Location of the MicroSD card slot on the camera.

3.4 Mounting the Camera and Solar Panel

Choose a suitable location for the camera and solar panel. The camera should be mounted at a height that provides optimal viewing angles and detection range. The solar panel should be placed in an area that receives direct sunlight for several hours each day to ensure continuous charging. Use the provided mounting bracket and screws for secure installation.

4. OPERATING THE CAMERA

4.1 Pan and Tilt Control

The Argus PT 5MP camera offers 355° pan and 140° tilt capabilities. Use the REOLINK App to remotely adjust the camera's viewing angle. You can also set up to 32 preset points for quick navigation to specific areas.
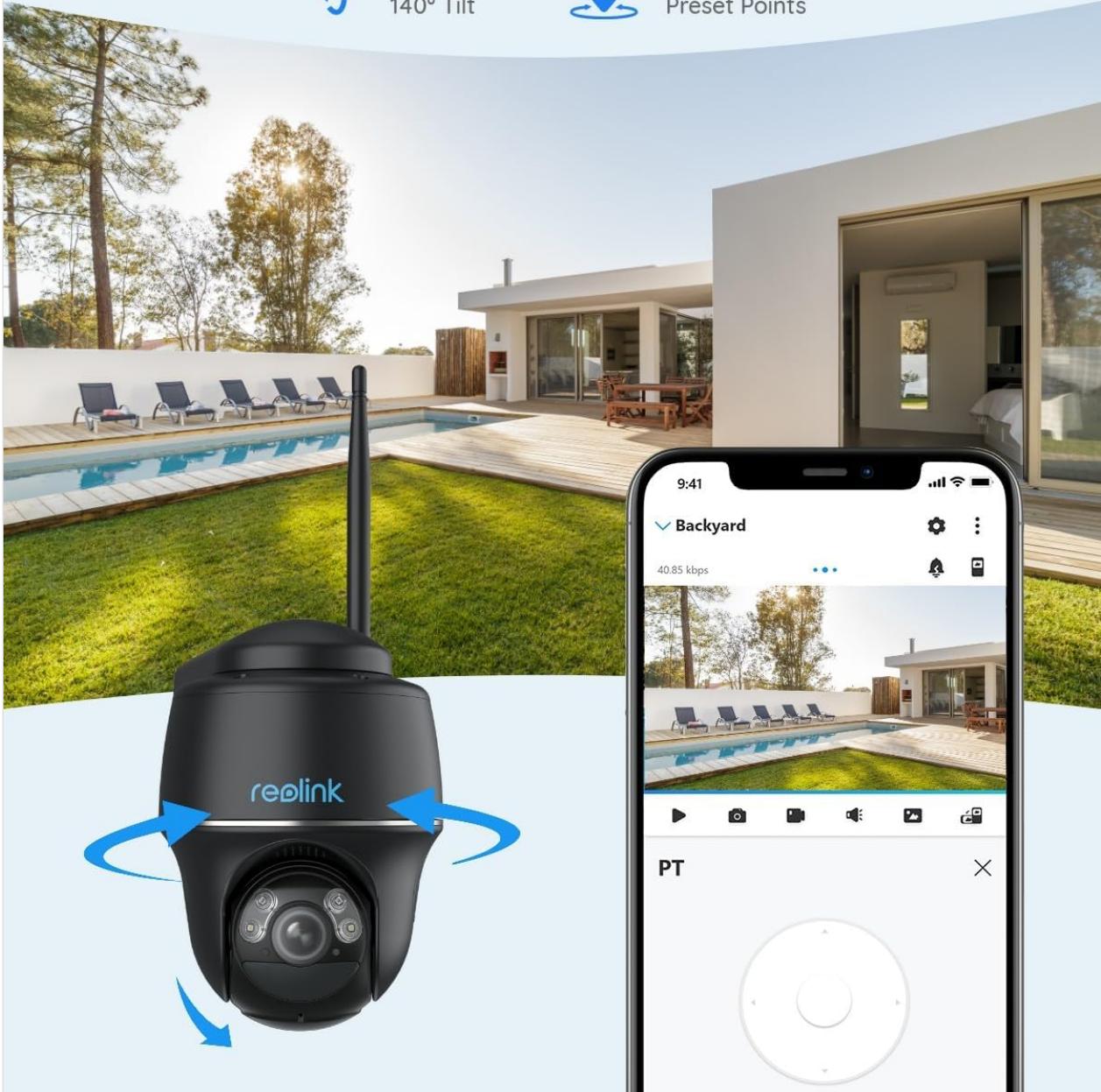
Image: Demonstrates pan and tilt control through the REOLINK app.

4.2 Live View and Two-Way Audio

Access the live feed of your camera through the REOLINK App. The built-in microphone and speaker enable two-way audio communication, allowing you to listen and speak to visitors or deter intruders.

2K Night Vision

Clearly see through the dark up to 33 feet even at night.

Image: Illustrates the two-way audio functionality.

4.3 Person/Vehicle Detection

The camera features smart detection capabilities to distinguish between people and vehicles, reducing false alarms from pets or swaying branches. You will receive specific alerts based on the detected object.
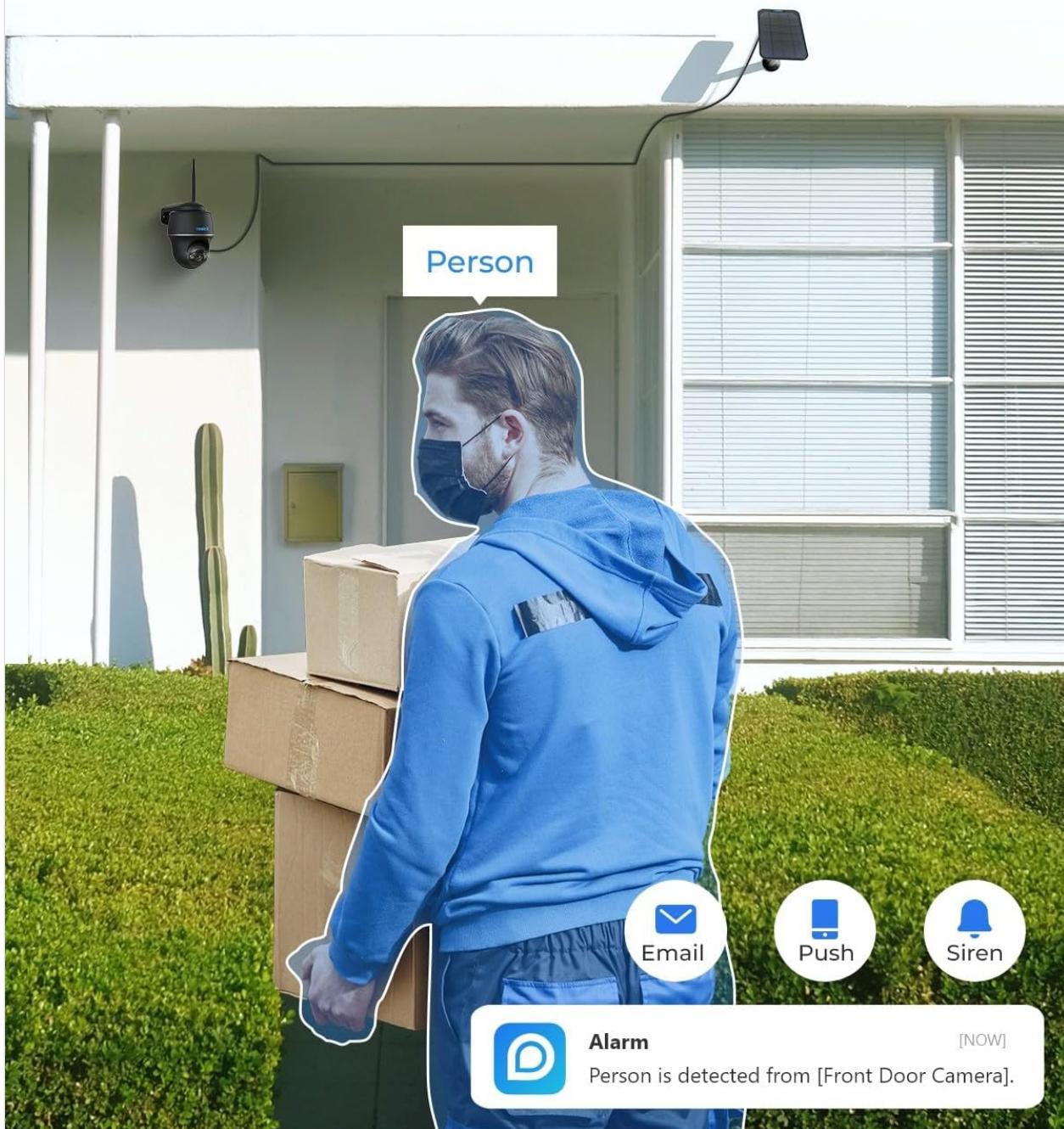
Image: Example of person detection with alerts.

4.4 2K Night Vision

The camera provides clear 2K resolution night vision, allowing you to monitor your property effectively even in low-light conditions up to 33 feet.

See Every Detail in 5MP Day & Night

Give you a clear and full-color visual experience at night.

Image: Comparison of day and 2K night vision quality.

4.5 Recording and Playback

Recordings are stored on the installed 128GB microSD card. You can access and play back recorded footage directly from the REOLINK App. The app allows you to filter recordings by event type (person, vehicle) and time.
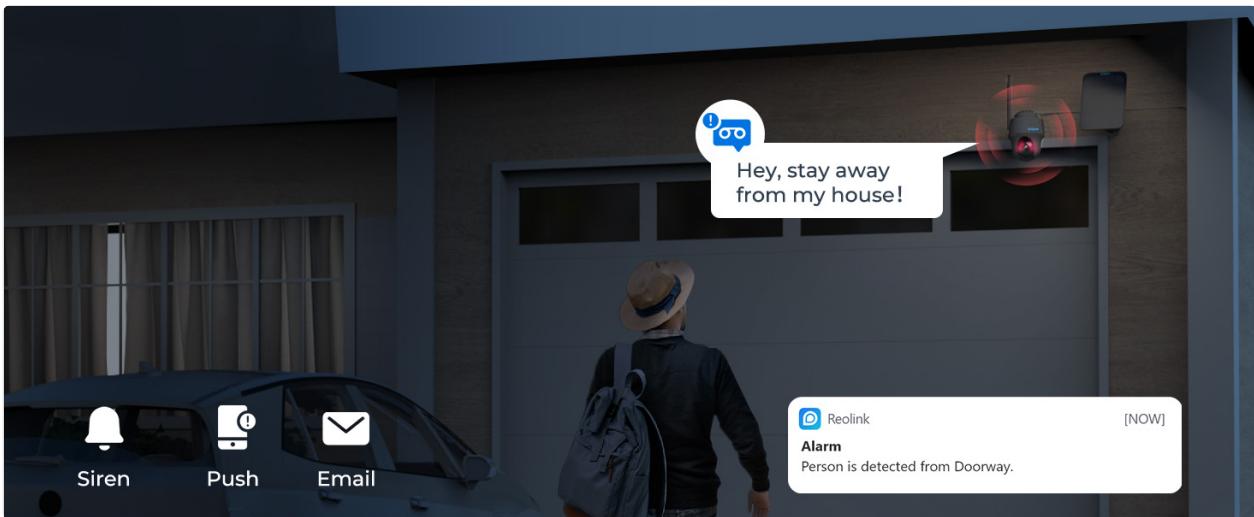
Image: Playback interface within the REOLINK app.

4.6 Alert Settings and Motion Zones

Configure alert types (push notifications, email, siren) and sensitivity settings within the REOLINK App. You can also define specific motion zones to monitor critical areas and ignore irrelevant movements, further reducing false alarms.

Image: Setting up motion detection zones in the app.

Image: Example of alert notifications (siren, push, email).

5. Maintenance

5.1 Cleaning the Camera and Solar Panel

Periodically clean the camera lens and the surface of the solar panel with a soft, damp cloth to ensure clear image quality and efficient solar charging. Avoid using harsh chemicals or abrasive materials.

5.2 Battery Management

While the solar panel provides continuous charging, monitor the battery level in the REOLINK App. If the camera is installed in an area with limited sunlight, occasional manual charging via USB may be required.

5.3 Firmware Updates

Regularly check for and install firmware updates through the REOLINK App. Firmware updates often include performance improvements, new features, and security enhancements.

6. Troubleshooting

6.1 Connectivity Issues

- **Camera offline:** Ensure the camera is powered on and within range of your Wi-Fi router. Check your Wi-Fi network status.
- **Failed to connect to Wi-Fi:** Verify your Wi-Fi password and ensure you are connecting to a 2.4GHz or 5GHz network. Try moving the camera closer to the router during setup.

6.2 Detection Problems

- **Too many false alarms:** Adjust the motion sensitivity settings and configure motion zones in the REOLINK App to exclude irrelevant areas.
- **Missed detections:** Ensure the camera's field of view covers the desired area and that there are no obstructions. Increase motion sensitivity if necessary.

6.3 Power Issues

- **Battery not charging:** Ensure the solar panel is clean and receiving direct sunlight. Check the connection between the solar panel and the camera.
- **Short battery life:** Reduce the number of motion detections, live view sessions, or adjust recording quality to conserve battery. Ensure the solar panel is optimally positioned.

7. Specifications

- **Model:** Argus PT 5MP
- **Video Capture Resolution:** 2K (2560x1920)
- **Effective Still Resolution:** 4 MP
- **Pan/Tilt Range:** 355° Pan, 140° Tilt
- **Night Vision:** Up to 33 feet
- **Connectivity:** 2.4/5Ghz Wi-Fi
- **Power Source:** Battery Powered, Solar Powered (via included solar panel)
- **Storage:** Supports up to 128GB MicroSD card (128GB included)
- **Weather Resistance:** IP65 Certified

- **Operating Temperature:** 14°F to 131°F (-10°C to 55°C)
- **Audio:** Two-Way Audio
- **Smart Detection:** Person/Vehicle Detection

7.1 MicroSD Card Recording Time

The following table provides estimated recording times based on different bitrates and MicroSD card capacities:

Max. BitRate/kbps	Recording Time/h (32GB)	Recording Time/h (64GB)	Recording Time/h (128GB)	Recording Time/h (256GB)
1024	72.8	145.6	291.3	582.5
1536	48.5	97.1	194.2	388.4
2048	36.4	72.8	145.6	291.3
3072	24.3	48.5	97.1	194.2
4096	18.2	36.4	72.8	145.6
5120	14.6	29.1	58.3	116.5
6144	12.1	24.2	48.5	97.1
7168	10.4	20.8	41.6	83.2
8192	9.1	18.2	36.4	72.8

8. WARRANTY AND SUPPORT

REOLINK provides a 2-year warranty for the Argus PT 5MP camera and lifetime technical support. For assistance, please visit the official REOLINK support website or contact their customer service directly.

REOLINK Support: reolink.com/support/