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REOLINK Reolink Go PT Ultra+Solar Panel 2

REOLINK Go PT Ultra+SP 4K LTE Cellular Security Camera User Manual

Model: Reolink Go PT Ultra+Solar Panel 2

1. Introduction

The REOLINK Go PT Ultra+SP is a state-of-the-art 4K LTE cellular security camera designed for outdoor use, offering unparalleled surveillance capabilities without the need for Wi-Fi or constant power outlets. Powered by a solar panel and equipped with 3G/4G LTE connectivity, this camera provides flexible placement options and continuous operation. Its advanced features include 4K resolution, color night vision, pan and tilt functionality, smart detection for persons, vehicles, and pets, and versatile storage options.
This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your REOLINK Go PT Ultra+SP camera to ensure optimal performance and security.

2. What's in the Box

- Reolink Go PT Ultra Camera x1
- 6W Solar Panel (4m Solar Cable) x1
- Mounting Template x1
- Surveillance Sticker x1
- Quick Start Guide x1
- Reolink SIM Card x1
- 32GB SD Card x1

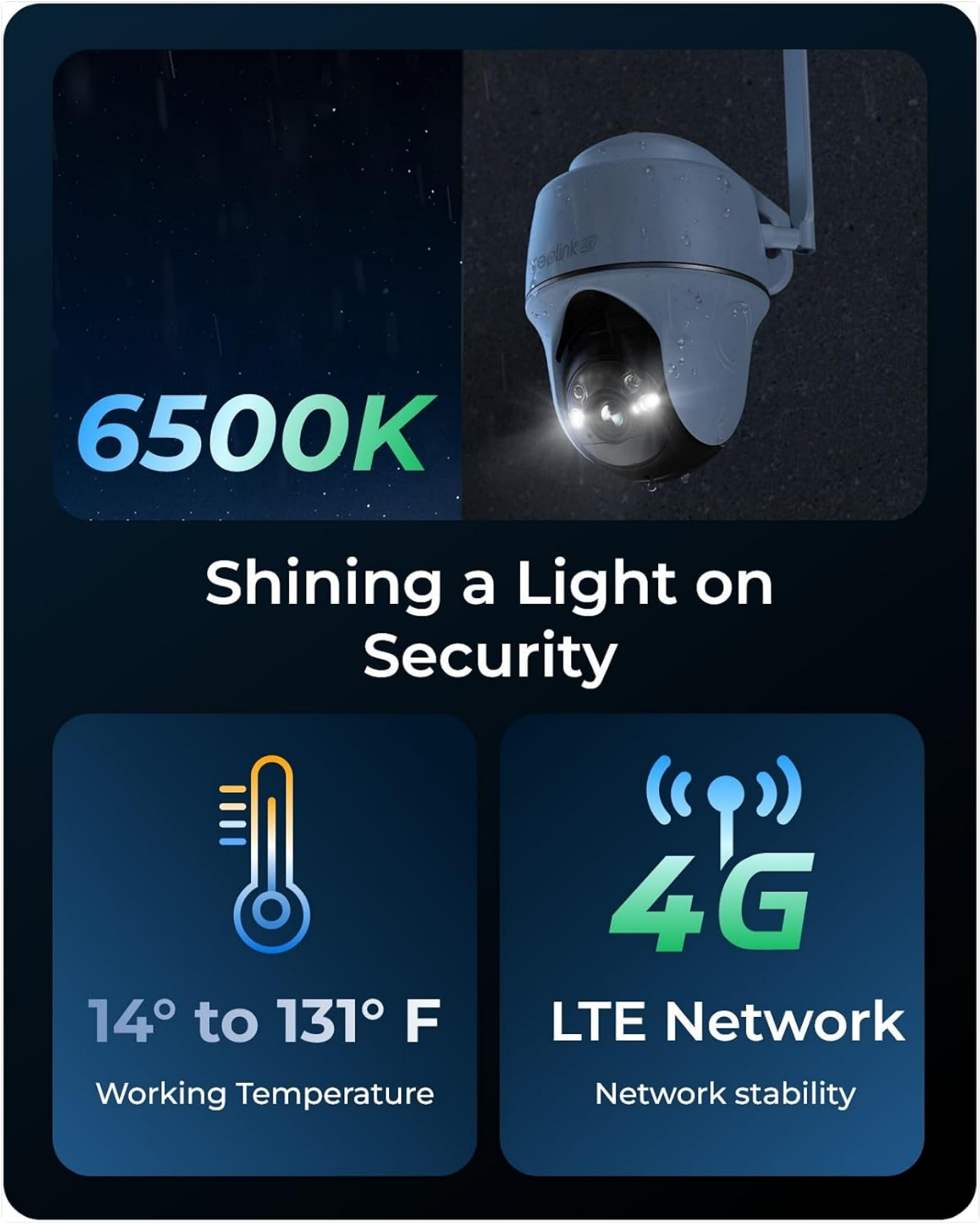


Figure 2.1: All components included in the REOLINK Go PT Ultra+SP package.

3. Setup Guide

3.1. SIM Card and SD Card Installation

Before mounting, ensure the Reolink SIM card and the included 32GB SD card are properly inserted. The camera operates on 3G/4G LTE networks, making it ideal for locations without Wi-Fi. The Reolink SIM card is designed for easy activation and data tracking via the Reolink App.



Figure 3.1: Inserting the SIM card into the camera for 4G LTE connectivity.

3.2. Solar Panel Connection and Mounting

Connect the 6W solar panel to the camera using the provided 4m solar cable. Mount the camera and solar panel in a location that receives ample direct sunlight for continuous power. The camera can be wall-mounted using the included

template and screws.



Figure 3.2: The camera and solar panel installed for optimal power generation.

3.3. App Download and Initial Configuration

Download the Reolink App on your smartphone. Follow the in-app instructions to add your camera by scanning the QR code. The app will guide you through the initial network configuration and settings adjustments.

Video 3.1: Quick setup guide for the Reolink Go PT Ultra+SP camera, demonstrating SIM card insertion and mounting.

This video illustrates the ease of setting up the Reolink Go PT Ultra camera, highlighting its 4G connectivity and solar power capabilities for outdoor use.

4. Operating Instructions

4.1. Pan & Tilt Control

Control the camera's pan (355°) and tilt (140°) movements directly from the Reolink App. You can set up to 32 preset points and a monitor point to quickly focus on important areas, ensuring comprehensive coverage without blind spots.

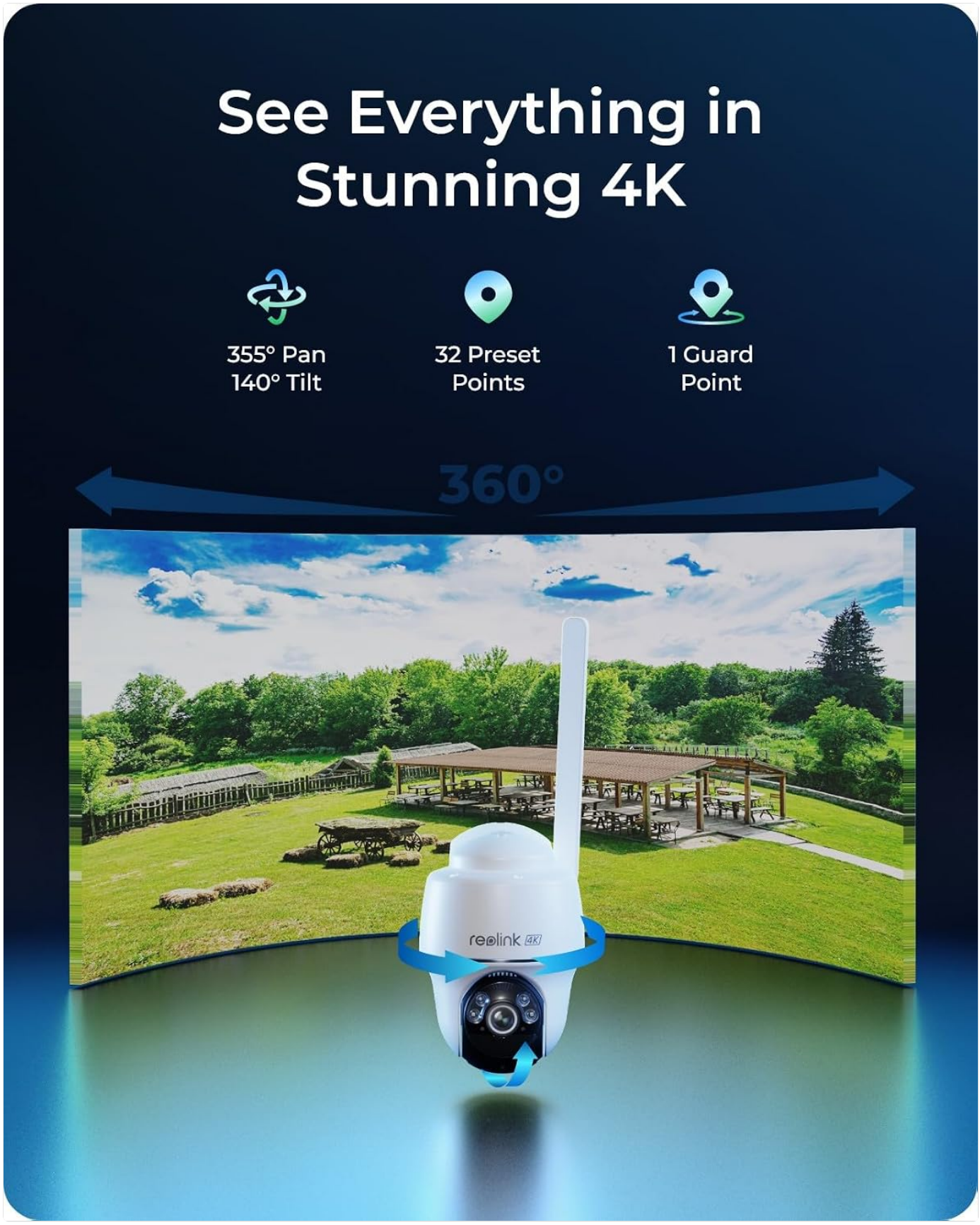


Figure 4.1: Visual representation of the camera's extensive pan and tilt range.

4.2. 4K Resolution and Color Night Vision

The camera captures stunning 4K (8MP) images and videos during the day. At night, it offers both infrared (IR) and full-color night vision modes, providing clear and detailed footage even in low-light conditions.

Video 4.1: Demonstrates the camera's 4K ultra-high-resolution capabilities and clear night vision.

This video showcases the superior image quality and night vision performance of the Reolink camera, highlighting its ability to capture fine details.

4.3. Smart Detection and Alerts

Leverage advanced detection technologies to identify persons, vehicles, and pets, reducing false alarms. Customize motion zones to focus on critical areas. Receive instant and accurate alerts on your smartphone when motion is detected. The app also allows you to trigger motion spotlights and a siren for deterrence.

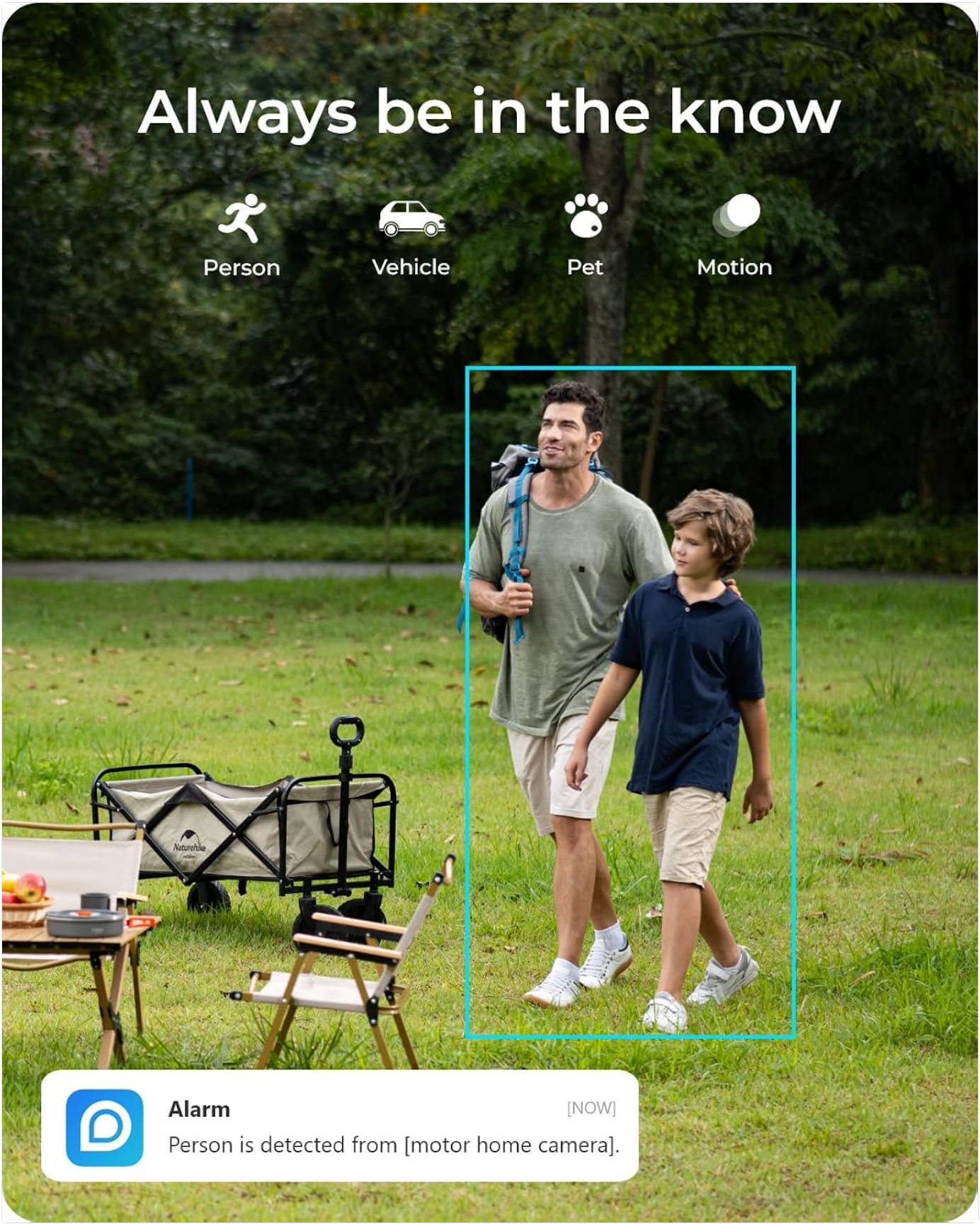


Figure 4.2: Smart detection in action, identifying different types of movement.

4.4. Storage Options

Recordings can be saved locally on the included 32GB microSD card (expandable up to 128GB) or to the Reolink Cloud (7-day rolling free video history). This provides flexible and secure storage solutions.

5. Maintenance

5.1. Battery and Solar Panel Care

Ensure the solar panel is clean and free from obstructions to maximize charging efficiency. Periodically check the battery level via the Reolink App. The camera is designed for continuous operation with sufficient sunlight.

5.2. SD Card Management

Regularly review and back up important footage from the microSD card. If the card becomes full, older recordings will be overwritten. Consider upgrading to a larger capacity microSD card (up to 128GB) if more local storage is needed.

5.3. Cleaning

Gently wipe the camera lens and solar panel with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive materials that could damage the surfaces.

6. Troubleshooting

6.1. Connectivity Issues

If the camera fails to connect to the 4G LTE network, ensure the SIM card is active and has sufficient data. Check the signal strength in the camera's location via the app. Relocating the camera to an area with better cellular coverage may resolve the issue.

6.2. Alert Malfunctions

If you are not receiving alerts, verify that motion detection is enabled in the app and that notification settings are correctly configured for your device. Ensure the camera's firmware is up to date.

6.3. Temperature Sensitivity

The camera operates optimally within a temperature range of 14°F to 131°F (-10°C to 55°C). Extreme temperatures outside this range may affect performance, including connectivity and battery life.

7. Specifications

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Compatible Devices	Smartphone
Power Source	Battery/Solar Powered
Connectivity Protocol	Cellular
Mounting Type	Wall Mount
Video Capture Resolution	4k

Feature	Detail
Color	White
Number of Items	1
Included Components	6W Solar Panel(4m Solar Cable)*1, Reolink Go PT Ultra Camera*1, Mounting Template*1, Surveillance Sticker*1, Quick Start Guide*1, Reolink SIM Crad*1, 32GB SD Card*1
Number of Channels	2
Wireless Communication Technology	3G/4G LTE
Form Factor	Dome
Effective Video Resolution	1080 Pixels
Viewing Angle	360 Degrees
Night Vision Range	33 Feet
Frame Rate	15 fps
Voltage	5 Volts
Wattage	8 watts
Item dimensions L x W x H	9.45 x 7.87 x 7.87 inches
Water Resistance Level	Waterproof
Flash Memory Installed Size	32 GB
Batteries Required?	Yes
Flash Memory Type	Micro SD
Item Weight	3.73 Pounds
Video encoding	MPEG-4
Battery Power	6000 Milliamp Hours
Focus Type	Auto Focus
Low light technology	Night Color
Alert Type	Motion Only
Light Source Type	Infrared
Video Capture Format	MPEG-4

Feature	Detail
Specific Uses For Product	Outside; Amateur
Unit Count	1 Count
Photo Sensor Technology	CMOS
Effective Still Resolution	8 MP
International Protection Rating	IP65
Maximum Webcam Image Resolution	8 MP
Control Method	App
Number of IR LEDs	2
Flash Memory Supported Size Maximum	128 GB
Product Dimensions	9.45 x 7.87 x 7.87 inches
Manufacturer	Reolink Digital
Recommended Uses For Product	Outdoor Security
Special Feature	Pan355° & tilt 140°, 2-Way Audio, Color Night Vision, 4K HD, SIM Card Included

8. Warranty and Support

REOLINK offers a **2-Year Limited Warranty** for the Go PT Ultra+SP camera. Additionally, a**30-Day Money Back Guarantee** is available. For any inquiries or assistance, **24/7 Online Support** is provided.
The product is **Verified by Transparency**, ensuring authenticity. For detailed user guides and instructions, please refer to the official PDF documents provided by Reolink:

- User Guide (PDF)
- Instructions for Use (IFU) (PDF)

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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

Answered questions about this manual

If I purchase and install the REOLINK Reolink Go PT Ultra security camera, how many cell phone contacts can I add to my system?

While the manual for the REOLINK Reolink Go PT Ultra does not specify a hard limit on the number of "contacts" or cell phones that can be added, Reolink systems typically support multiple users...

Read full answer

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