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REOLINK Go PT Ultra+SP

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

Model: Go PT Ultra+SP

1. Product Overview

The REOLINK Go PT Ultra+SP is a 4K cellular security camera designed for outdoor use, offering advanced surveillance capabilities without the need for Wi-Fi. It operates on 3G/4G LTE networks and is powered by an included solar panel, providing continuous operation in remote locations. This camera captures clear 8MP images and videos, featuring color night vision and smart detection for persons, vehicles, and pets.



Image: The REOLINK Go PT Ultra+SP camera, solar panel, and included 128GB microSD card. This illustrates the complete bundle for off-grid security.



Image: The REOLINK Go PT Ultra+SP camera and solar panel installed on the exterior of a building, highlighting its 4K resolution and 4G LTE connectivity for clear, remote viewing.



Image: A visual summary of the camera's main features, including low light charging, 4G LTE connectivity, remote live view, 4K color night vision, 360-degree pan-tilt capability, and waterproof design for outdoor use.

2. Setup Guide

2.1 Package Contents

- REOLINK Go PT Ultra+SP Camera
- Solar Panel
- 128GB MicroSD Card
- Mounting Bracket and Screws
- USB Charging Cable
- Quick Start Guide

2.2 SIM Card Installation

The camera requires a 3G/4G LTE Nano SIM card with an active data plan. Ensure the SIM card is activated with your carrier before insertion. Compatible carriers include EIOT Club, T-Mobile (prepaid data only), Freedompop, AT&T, and Verizon (requires activation with phone's IMEI first).

1. Locate the SIM card slot on the camera, usually protected by a rubber plug.
2. Carefully insert the Nano SIM card into the slot with the gold contacts facing down, ensuring it clicks into place.
3. Replace the rubber plug firmly to ensure waterproof sealing.



Image: The REOLINK Go PT Ultra+SP camera with its solar panel mounted on a tree, illustrating its outdoor capability. A list of compatible SIM card carriers (T-Mobile, AT&T, Verizon, FreedomPop, Mint, EIOT Club) is displayed, emphasizing its cellular connectivity.



Image: A detailed graphic illustrating the SIM card insertion process into the camera's dedicated slot, alongside a visual representation of local microSD card storage and optional cloud storage.

2.3 MicroSD Card Installation

The camera comes bundled with a 128GB microSD card for local storage of recordings.

1. Locate the microSD card slot, often near the SIM card slot or under a protective cover.
2. Insert the 128GB microSD card into the slot until it clicks.
3. Ensure the cover is securely closed to maintain weather resistance.



Image: A close-up view of the REOLINK 128GB microSDXC UHS-I Memory Card, highlighting its capacity and

specifications for local video storage.

2.4 Mounting the Camera and Solar Panel

Choose a location with optimal sunlight exposure for the solar panel and a clear view for the camera. The camera is designed for outdoor use and can be wall-mounted.

1. Attach the mounting bracket to the desired surface using the provided screws.
2. Secure the camera to the mounting bracket.
3. Mount the solar panel in a location that receives maximum direct sunlight throughout the day.
4. Connect the solar panel cable to the camera's power input port.



Image: A collage of images demonstrating the REOLINK camera's versatility in various off-grid outdoor environments, such as a farm, a construction site, and a lakeside area, showcasing its suitability for remote monitoring.

2.5 Initial Power On and App Setup

1. Ensure the camera has sufficient battery charge or is connected to the solar panel in sunlight.
2. Download the REOLINK app from your smartphone's app store.
3. Open the app and follow the on-screen instructions to add your camera by scanning the QR code on the device.
4. Configure initial settings such as network connection (via SIM card), time zone, and notification preferences.

3. Operating the Camera

3.1 Live View and Playback

Access the live feed of your camera anytime, anywhere via the REOLINK app. You can also review recorded footage stored on the microSD card or in the cloud.

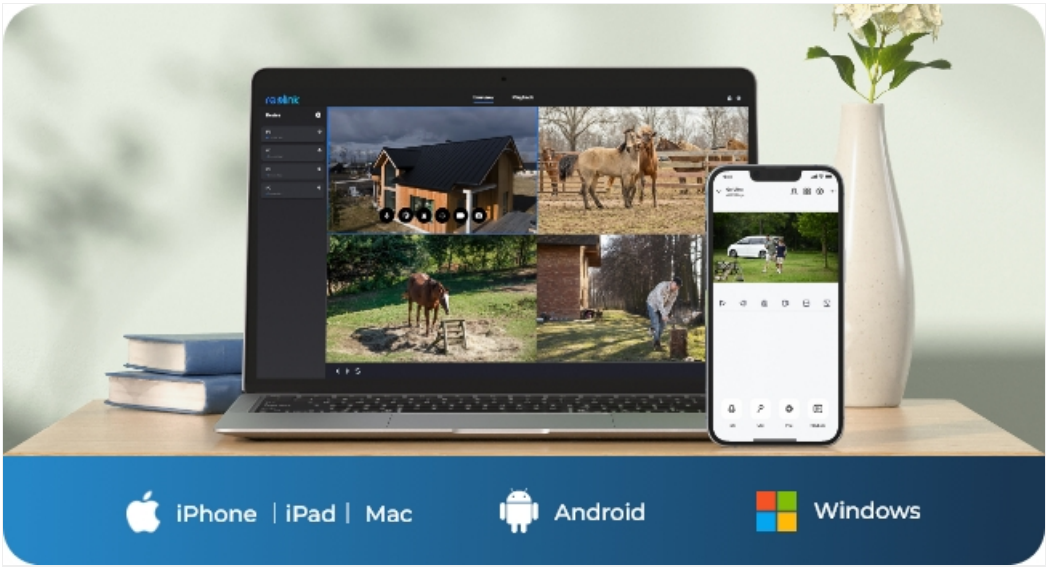


Image: The REOLINK application interface shown on both a laptop and a smartphone, demonstrating cross-platform compatibility for remote monitoring and playback.

3.2 Pan & Tilt Control

The camera features 355° pan and 140° tilt capabilities, allowing you to remotely adjust the viewing angle. You can set up to 32 preset points for quick navigation to important areas.

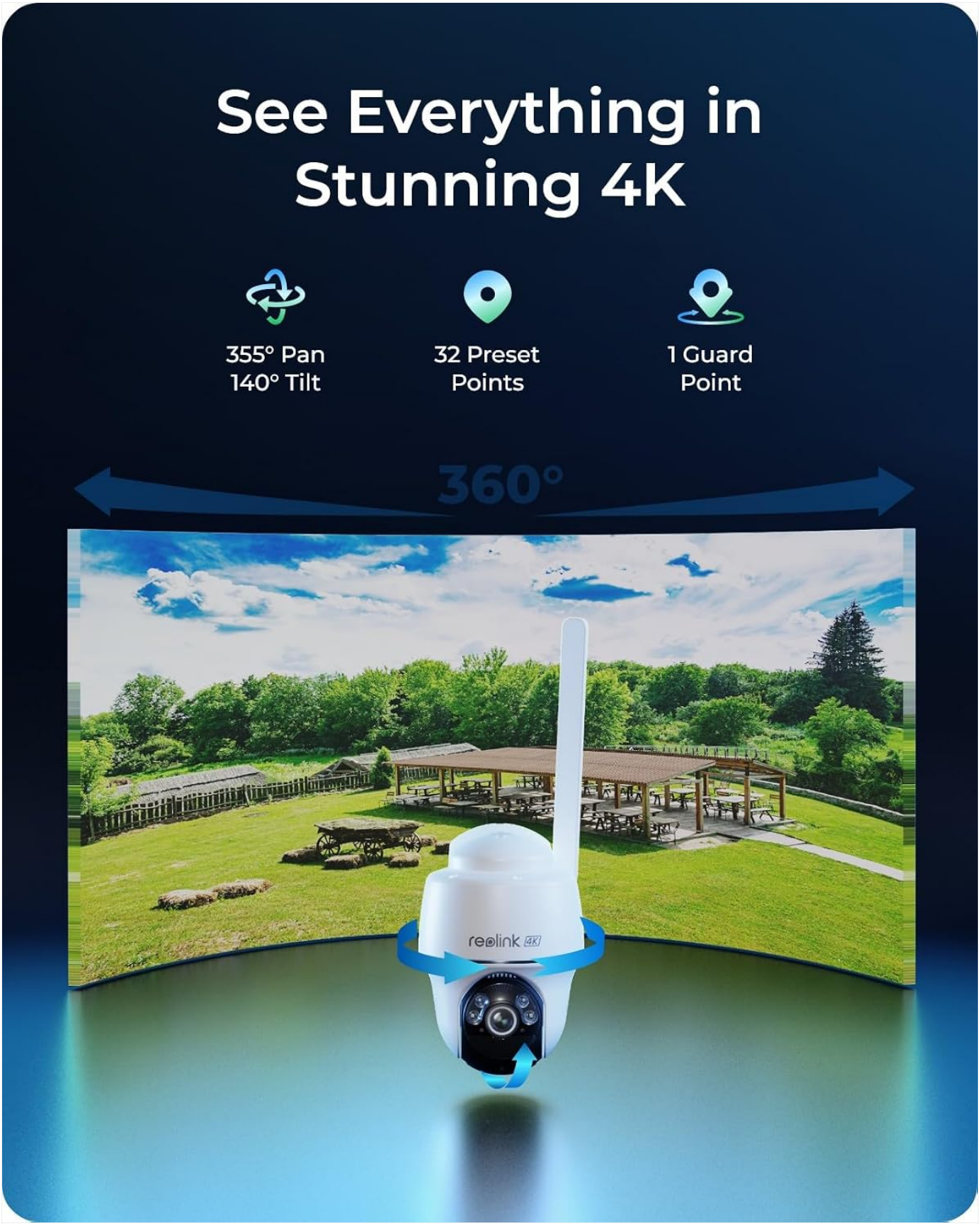


Image: The REOLINK camera positioned in front of a wide outdoor landscape, visually representing its 355-degree pan and 140-degree tilt functionality, allowing for comprehensive area coverage.

3.3 Smart Detection

The camera utilizes advanced detection technologies to distinguish between persons, vehicles, and pets, reducing false alarms. You can customize motion zones to focus on specific areas of interest.

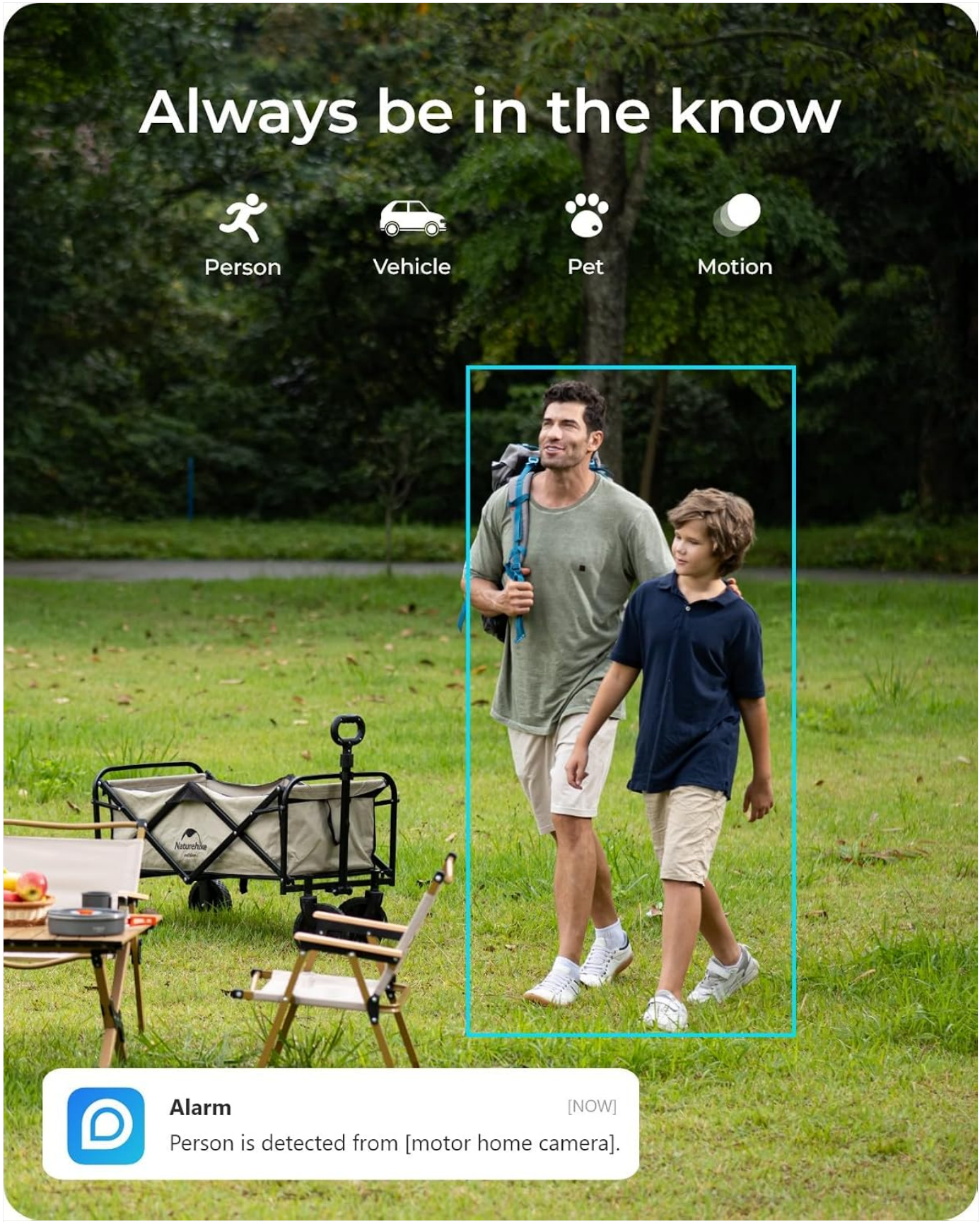


Image: A graphic displaying icons representing the camera's smart detection capabilities: person, vehicle, pet, and general motion, indicating its ability to differentiate between various types of movement.



Image: A scene in a park with a man and a child walking, demonstrating the camera's person detection feature with a blue box highlighting the detected individuals. An alarm notification is shown below.

3.4 Night Vision

The Go PT Ultra+SP provides 4K color night vision, ensuring clear and detailed images even in low-light conditions.



Image: The REOLINK camera illuminated at night, emphasizing its night vision capabilities with a 6500K color temperature. Information on its working temperature range (14° to 131° F) and 4G LTE network stability is also displayed.

3.5 Storage Options

Recordings can be saved locally on the included 128GB microSD card. Additionally, REOLINK offers a 7-day rolling free cloud video history for flexible storage and access.



Image: A visual representation of the camera's secure storage options, including the 128GB microSD card (not included in all bundles, but included in this one) and the optional Reolink Cloud Storage service.

3.6 Smart Home Integration

The REOLINK Go PT Ultra+SP is compatible with popular smart home platforms such as Google Assistant and Amazon Alexa, allowing for voice control and integration into your smart home ecosystem.



Image: A smart display showing a live feed from the REOLINK camera, accompanied by the 'Works with Google Assistant' and 'Works with Alexa' logos, indicating its compatibility with these smart home platforms.

4. Maintenance

4.1 Cleaning

Regularly clean the camera lens and solar panel surface with a soft, damp cloth to ensure optimal performance. Avoid

abrasive cleaners or harsh chemicals.

4.2 Firmware Updates

Periodically check for and install firmware updates via the REOLINK app to ensure your camera has the latest features and security enhancements.

4.3 Battery Management

The solar panel is designed to keep the camera's battery charged. Ensure the solar panel is positioned to receive maximum direct sunlight. Even 10 minutes of direct sunlight can provide up to 24 hours of battery life under optimal conditions.

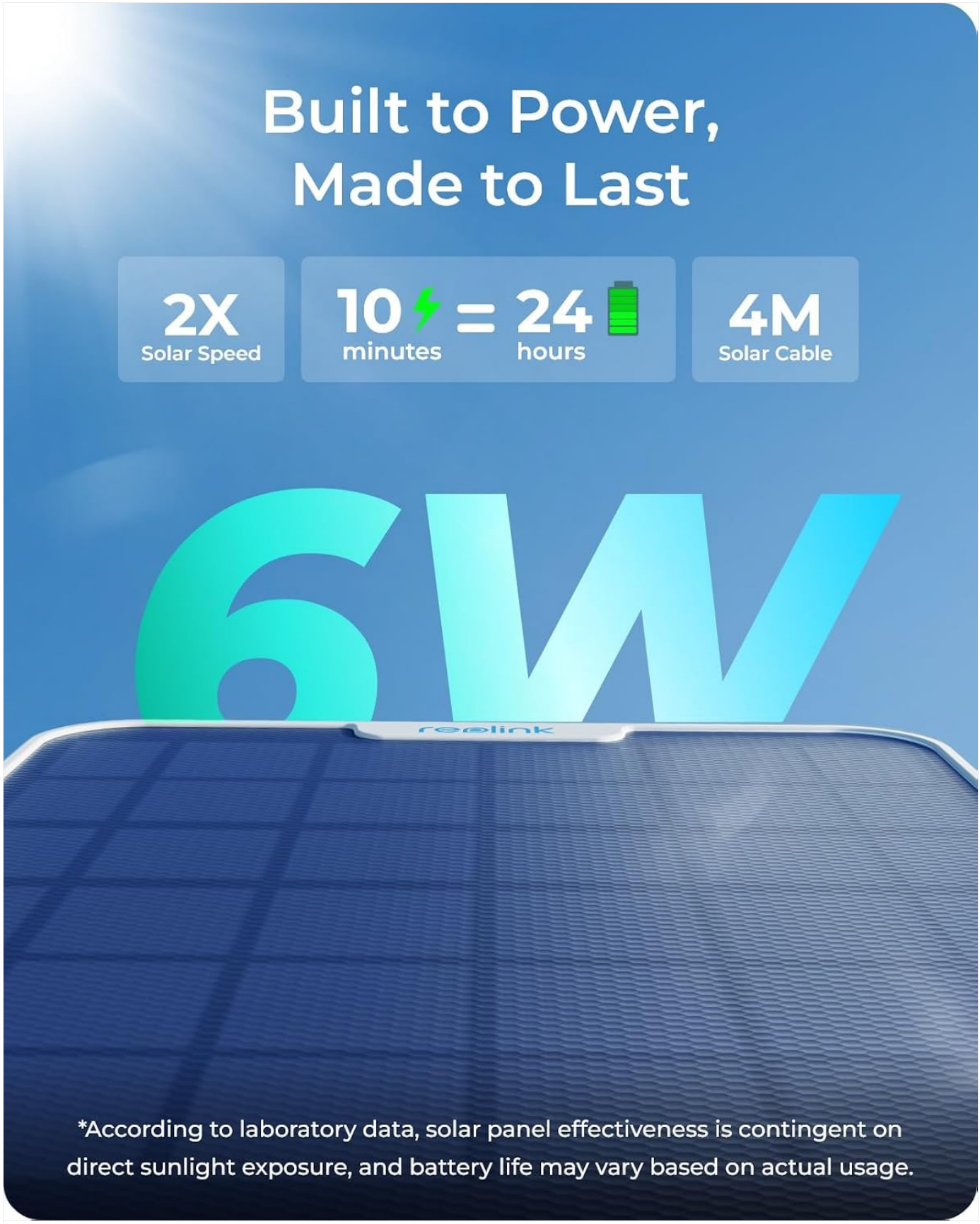


Image: A graphic illustrating the solar panel's efficiency, highlighting features like '2X Solar Speed', '10 minutes = 24 hours' of battery life, a '4M Solar Cable', and '6W' power output. A note indicates that effectiveness depends on direct sunlight exposure.

5. Troubleshooting

5.1 No Network Connection

- Ensure the SIM card is correctly inserted and activated with a data plan.
- Check cellular signal strength in the camera's location.
- Restart the camera.

5.2 Camera Not Recording

- Verify the microSD card is properly inserted and formatted.
- Check storage settings in the REOLINK app.
- Ensure the camera has sufficient power.

5.3 Poor Image Quality

- Clean the camera lens.
- Ensure adequate lighting for optimal night vision performance.
- Check for obstructions in the camera's field of view.

6. Specifications

Feature	Detail
Model	Go PT Ultra+SP
Video Capture Resolution	4K (8MP Effective Still Resolution)
Connectivity Technology	Wireless (3G/4G LTE Cellular)
Power Source	Solar Powered
Pan & Tilt	355° Pan, 140° Tilt
Night Vision	Color Night Vision
Storage	Local (MicroSD Card up to 128GB), Cloud Storage (7-day free rolling history)
Smart Detection	Person, Vehicle, Pet, Motion
Indoor/Outdoor Usage	Outdoor
Operating Temperature	14°F to 131°F (-10°C to 55°C)
Compatible Devices	Smartphone (iOS, Android)
Smart Home Compatibility	Google Assistant, Amazon Alexa

7. Warranty and Support

REOLINK products typically come with a limited warranty. For detailed warranty information, technical support, or service inquiries, please visit the official REOLINK website or contact their customer support directly. Keep your purchase receipt for warranty claims.

Official REOLINK Website: https://reolink.com

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