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Rebluum RB-3PT1-2PACK

Rebluum Solar Powered Security Cameras Wireless Outdoor

USER MANUAL

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Rebluum Solar Powered Security Camera system. This system is designed for outdoor surveillance, offering wireless connectivity, solar charging, and advanced monitoring features to enhance your property's security.

1.1. Package Contents

The Rebluum Solar Powered Security Camera system includes the following components:

- Four (4) Rebluum 3MP Wireless Security Cameras (Model: RB-3PT1-2PACK)
- Two (2) High-Efficiency Solar Panels
- Four (4) 128GB SD Cards
- Mounting Brackets and Screws
- USB Charging Cables
- User Manual (this document)



Figure 1.1: Complete Rebluum Solar Powered Security Camera System package contents. This image displays four white dome-shaped security cameras, each with two antennas, alongside two black rectangular solar panels. Four small blue and white 128GB SD cards are also visible, indicating the included storage.

2. Product Components Overview

Familiarize yourself with the main components of your security camera system.

2.1. Rebluum Wireless Security Camera

Each camera features a 3MP (2048 * 1536) resolution lens, providing clear 2K Ultra HD video. It includes a PTZ (Pan-Tilt-Zoom) mechanism for 360° coverage, built-in spotlights for color night vision, and a microphone/speaker for two-way audio. The camera is powered by a 9700mAh battery, supplemented by the solar panel.



Figure 2.1: Two Rebluum cameras and solar panels, demonstrating remote viewing capability on a smartphone. The image shows two white security cameras with solar panels, and a smartphone screen displaying a live video feed of two children playing in a grassy area, illustrating the remote monitoring feature.

2.2. Solar Panel

The high-conversion solar panel is designed to continuously charge the camera's internal battery, ensuring uninterrupted operation. It connects to the camera via a weather-resistant cable.

2.3. 128GB SD Card

Each camera is supplied with a 128GB SD card for local video storage. This allows for extended recording times of 4K video, providing a reliable backup for your surveillance footage.

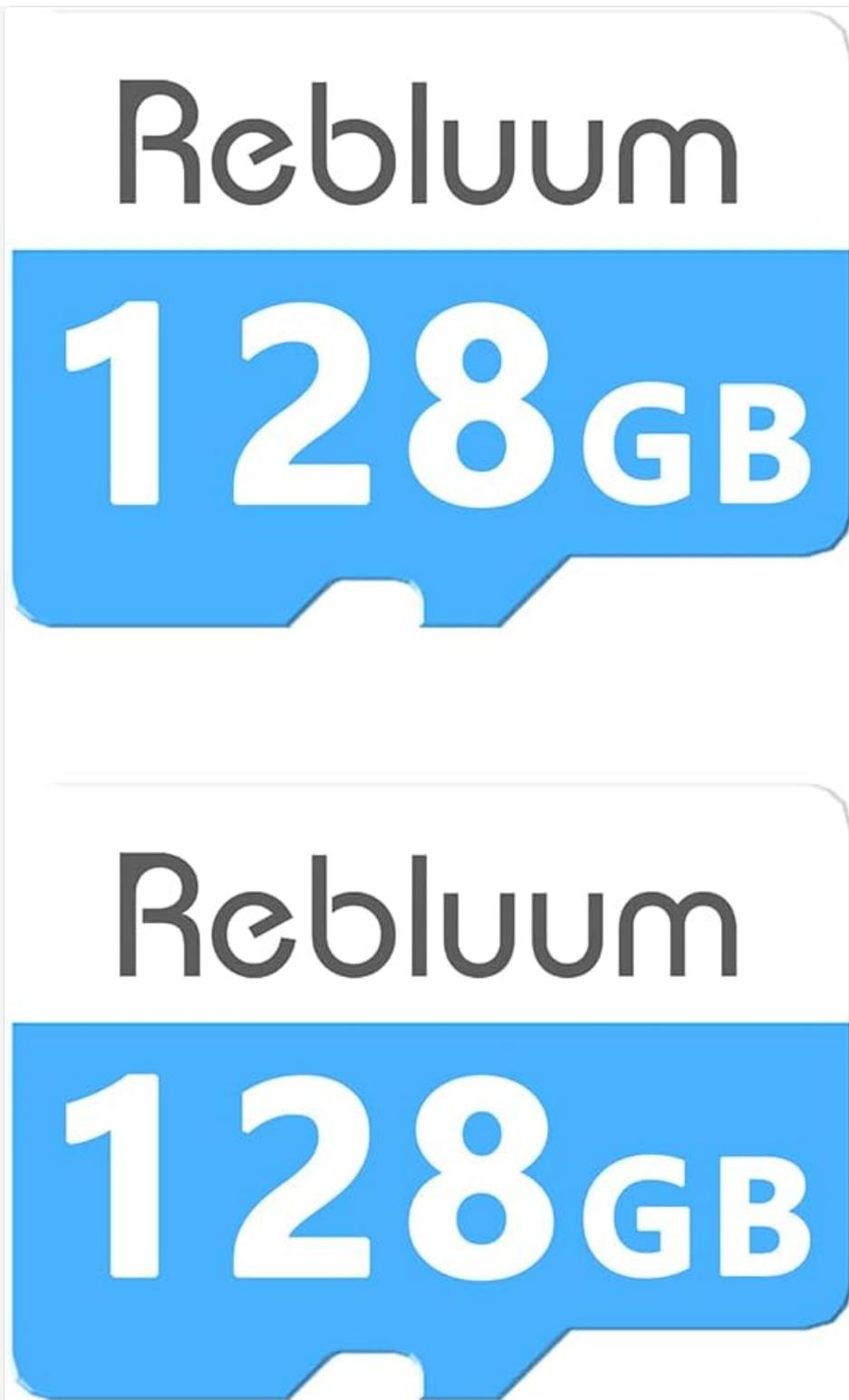


Figure 2.2: Close-up view of two Rebluum branded 128GB SD cards. The cards are blue and white, clearly labeled with "Rebluum" and "128GB", indicating their storage capacity.

3. Setup and Installation

3.1. Charging the Camera

Before initial use, fully charge the camera's internal battery using the provided USB cable. Connect the cable to the camera's charging port and a standard 5V USB power adapter (not included). A full charge typically takes several hours.

3.2. Inserting the SD Card

Locate the SD card slot on the camera. Gently insert the 128GB SD card with the gold contacts facing down until it clicks into place. Ensure the camera is powered off before inserting or removing the SD card.



Figure 3.1: Camera view highlighting the Micro SD card slot and illustrating two video storage options: Micro SD Card (up to 128GB) and Cloud Storage (7 Days Free Trial). An arrow indicates the direction for inserting the SD card.

3.3. App Download and Account Creation

Download the "Cloudege" app from your smartphone's app store (iOS App Store or Google Play Store). Follow the in-app instructions to create an account and add your camera devices.

3.4. Mounting the Camera and Solar Panel

Choose a suitable outdoor location for mounting. Ensure the solar panel receives direct sunlight for most of the day. Use the provided mounting brackets and screws to securely attach the camera and solar panel to a wall or other stable surface. Connect the solar panel cable to the camera.

- **Camera Placement:** Mount the camera at a height of 7-10 feet for optimal detection range and field of view.
- **Solar Panel Orientation:** Angle the solar panel to face the sun's path for maximum charging efficiency.

4. Operating Your Security Camera

4.1. Live View and Remote Access

Open the "Cloudege" app to access the live feed from your cameras. You can view your property from anywhere with an internet connection.

4.2. PTZ Control (Pan, Tilt, Zoom)

The camera supports 355° horizontal pan and 90° vertical tilt, along with 4X digital zoom. Use the controls within the "Cloudege" app to adjust the camera's viewing angle remotely.

Intelligent APP Setting

Adjustable area/sensitivity/working time



Selectable Recording Time

Set the Time Period

Set the time period of the alarm, the device only triggers an alarm event during this time period.

Start Time 06:00

End Time 22:00

Select Day

Adjustable Sensitivity

Detection sensitivity

1 2 3 4 5 6 7 8 9 10

If there are frequent false alarm pushes, please reduce the sensitivity; if it has occasionally missed some events, please increase the sensitivity

Figure 4.1: Remote PTZ (Pan-Tilt-Zoom) control capabilities of the camera. The image illustrates the camera's 355° pan and 90° tilt range, along with smartphone interfaces showing how users can remotely adjust the camera's view.

4.3. AI Powered Human Motion Detection

The camera utilizes PIR motion detection to minimize false alarms. When human motion is detected, the camera will record and send notifications to your smartphone.

- **Customizable Detection Area:** Define specific zones within the camera's view where motion detection should be active.
- **Sensitivity Adjustment:** Adjust the motion detection sensitivity from level 1 to 10 to suit your environment and

reduce unwanted alerts.

- **Time Plan:** Set specific schedules for when motion detection should be active.

Remote PTZ Control

- 355° Pan & 90° Tilt
- 4X Digital Zoom



Figure 4.2: Intelligent APP settings for customizing motion detection. This image displays app interfaces for adjusting detection areas, setting specific recording times, and fine-tuning motion sensitivity levels from 1 to 10.

4.4. Night Vision and Spotlights

The camera is equipped with upgraded 4PCS spotlights to provide clear color night vision, even in low-light conditions. These spotlights can be activated automatically upon motion detection or manually via the app.

Multi-Alarms with Spotlight and Siren



Light Warning



Audible Warning



Sound and Light Alarm



Figure 4.3: Comparison of night vision clarity with different spotlight configurations. The image shows a side-by-side comparison of a scene at night, illustrating how the upgraded 4PCS spotlights provide a significantly clearer color night vision compared to older 2LED models.

4.5. Multi-Alarms with Spotlight and Siren

Upon detecting suspicious activity, the camera can trigger multiple alarms including a light warning (spotlight activation), an audible warning (siren), and a combined sound and light alarm. These features are configurable within the app.

Upgrade 4PCS Spotlights

Provide clearer image of color night vision



Market Style: 2LED



Rebluum Upgraded: 4*LEDS



Figure 4.4: Demonstration of the camera's multi-alarm features, including light warning, audible warning, and combined sound and light alarm. The image depicts a scenario where the camera's spotlight illuminates an individual, and an alert message appears on a phone, along with a "Get out!" text bubble, indicating active deterrence.

4.6. Video Storage

Recorded footage can be stored locally on the included 128GB SD card or optionally on the cloud (7-day free trial available). The camera supports up to 128GB SD cards for extensive local storage.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your Rebluum security camera system.

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct the view or reduce charging efficiency. Do not use harsh chemicals.
- **Battery Check:** Monitor the battery level via the "Clouledge" app. While the solar panel provides continuous charging, ensure the camera receives adequate sunlight. If the battery level consistently drops, consider repositioning the solar panel or providing a manual charge via USB.
- **Firmware Updates:** Check the "Clouledge" app regularly for firmware updates. Keeping your camera's firmware updated ensures access to the latest features and security enhancements.
- **Weather Resistance:** The camera and solar panel are IP66 waterproof, designed to withstand various weather conditions including sun, rain, and snow. However, extreme weather events may temporarily affect performance.

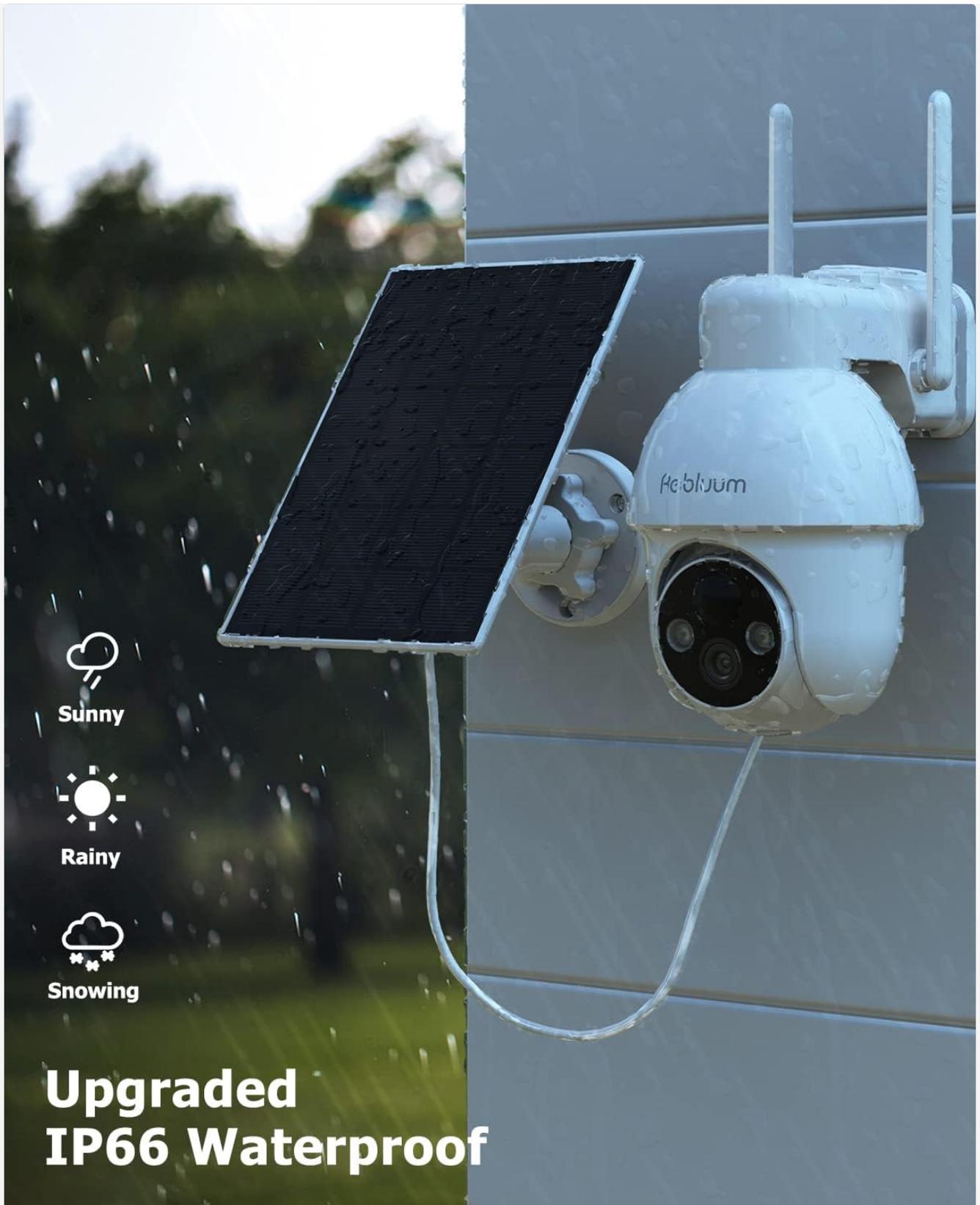


Figure 5.1: The Rebluum camera and solar panel demonstrating their upgraded IP66 waterproof capability in rainy conditions. Icons for sunny, rainy, and snowing weather are displayed, indicating resilience to various outdoor elements.

6. Troubleshooting

If you encounter issues with your Rebluum security camera, refer to the following common solutions:

Problem	Possible Solution
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Problem	Possible Solution
Camera not powering on	Ensure the battery is charged. Connect the camera to a USB power source for a few hours. Check the solar panel connection and ensure it receives direct sunlight.
Cannot connect to Wi-Fi	Ensure your Wi-Fi network is 2.4GHz (5GHz is not supported). Check Wi-Fi signal strength at the camera's location. Restart your router and the camera. Re-add the camera in the "Clouledge" app.
No motion detection alerts	Check motion detection settings in the app (sensitivity, detection area, time plan). Ensure PIR sensor is not obstructed. Test the camera's detection range.
Poor video quality	Clean the camera lens. Ensure adequate lighting. Check Wi-Fi signal strength, as poor connection can affect streaming quality.
SD card not recording	Ensure the SD card is correctly inserted and formatted within the app. Check if the SD card is full. Replace the SD card if it's corrupted.

For further assistance, please refer to the support section or contact Rebluum customer service.

7. Product Specifications

Feature	Detail
Brand	Rebluum
Model	RB-3PT1-2PACK
Power Source	Solar Powered (with 9700mAh battery)
Connectivity Technology	Wireless (Wi-Fi)
Connectivity Protocol	Wi-Fi (2.4GHz only)
Video Capture Resolution	3MP (2048 * 1536), 2K Ultra HD
Special Feature	PTZ Technology (355° Pan, 90° Tilt), AI Human Motion Detection, Color Night Vision, Two-Way Audio, Siren Alarm
Indoor/Outdoor Usage	Outdoor
Mounting Type	Wall Mount
Storage	Up to 128GB Micro SD Card (included), Cloud Storage (optional)
Waterproof Rating	IP66
Compatible Devices	Smartphone (via Clouledge App)

8. Warranty and Support

For warranty information, technical support, or any inquiries regarding your Rebluum Solar Powered Security Camera system, please contact Rebluum customer service directly. Refer to the product packaging or the official Rebluum website for contact details.

Rebluum Official Store: [Visit Rebluum Store on Amazon](#)

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