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Rebluum RB-3PT3-US

Rebluum AOV Security Camera Instruction Manual

Model: RB-3PT3-US | Brand: Rebluum

Your guide to setting up and operating your Rebluum AOV Security Camera.

1. INTRODUCTION

The Rebluum AOV Security Camera is an advanced outdoor surveillance solution designed for continuous, 24/7 recording with solar power capabilities. Featuring 2K resolution, 360° PTZ (Pan-Tilt-Zoom) with auto-tracking, two-way audio, and smart AI detection, it provides comprehensive security for your property. This manual will guide you through the installation, operation, and maintenance of your camera.

2. WHAT'S IN THE BOX

Please verify that all components are present before proceeding with installation:

- 1 x 3MP Solar PTZ Camera
- 1 x Solar Panel (Upgraded 6W)
- 1 x User Manual
- 1 x Warning Sticker and Installation Bag
- 2 x Stand (1 for Camera, 1 for Panel)

3. SETUP

3.1 Charging the Solar Panel

The camera is primarily solar-powered. Ensure the solar panel is installed in a location that receives at least 2 hours of direct sunlight daily for continuous operation. The upgraded 6W solar panel provides efficient energy storage.

24-hour Uninterrupted Power Supply

Brings True 365-day Protection



Image: Solar panel providing 24-hour uninterrupted power supply.

3.2 Installation Methods

The camera supports both wall mount and ceiling mount installations. Use the included stands and installation bag for secure mounting. Choose a location that provides optimal viewing angles and Wi-Fi signal strength.



Image: Two common installation methods for the camera.

3.3 App Download and Connection

To operate your camera, download the **CloudEdge** app from the App Store (iOS) or Google Play Store (Android). Follow the in-app instructions for a one-click Bluetooth connection to your camera. Ensure your mobile device's Bluetooth is enabled during the pairing process.



Image: CloudEdge app for camera control.

4. OPERATING INSTRUCTIONS

4.1 24/7 Continuous Recording (AOV)

The Rebluum AOV camera provides continuous 24/7 recording. It intelligently switches to a high frame rate (25fps/s) when a person is detected and records at a lower, adjustable frame rate (7 levels) for continuous coverage when no motion is detected. This ensures constant surveillance without missing events.

A promotional graphic for the IP65 Waterproof feature. On the left, it says 'IP65 Waterproof' and 'Designed specifically for outdoor use, the camera will steadily protect your safety regardless of high or low temperatures or heavy rain.' Below this is a temperature range chart showing a sun icon for -20°C/-4°F and a snowflake icon for -50°C/120°F. On the right, there are two side-by-side images of the camera: the left one is in a clear, sunny outdoor setting, and the right one is in a snowy, winter setting.

Image: Energy-efficient 24/7 recording with variable frame rates.

4.2 PTZ and Auto Tracking

The camera features 355° horizontal and 90° vertical rotation (PTZ). When motion is detected, the camera can automatically track the moving object, ensuring it remains in focus and within the surveillance area. Control PTZ functions via the CloudEdge app.

99% High Precision Detection

Fixed an issue where traditional PIR sensors would cause false detections due to temperature variations. Now, caring about what really matters.



Image: Full-angle automatic tracking in action.

4.3 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to speak to visitors or deter intruders directly through the camera via the CloudEdge app. The app also supports voice modification for privacy.



Quad Screen

Use CloudEdge APP to view four Rebluum Security Camera at the same time and get a clear picture of the situation in every corner of your home.

Image: Two-Way Audio capability.

4.4 Night Vision

The camera is equipped with five high-brightness spotlights and infrared LEDs, providing both full-color night vision and traditional infrared night vision. This ensures clear visibility and detail capture even in low-light or no-light conditions.

Full Color Night Vision

Five high-brightness spotlights combined with infrared night vision ensure that details are captured day or night, providing you with peace of mind.

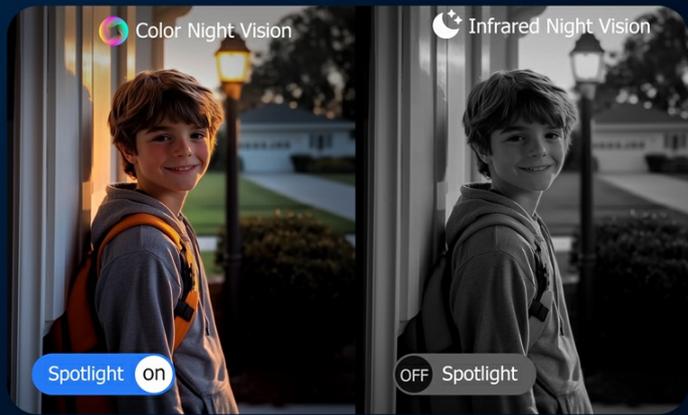


Image: Full Color Night Vision vs. Infrared Night Vision.

4.5 Smart Detection and Alarms

The camera features advanced AI detection, allowing it to distinguish between people and vehicles, reducing false alarms. You can set custom alarm areas within the app. Upon detection, the camera can trigger an intelligent sound and light alarm to deter unwanted visitors and send push notifications to your device.



Multi-device Access

Share the device with your family or friends, Realize the effect of multiple devices accessing the camera.

Image: Smarter AI Detection for people and cars.



Custom Alarm Area

Set alarm zones to focus on the areas you care about and avoid false alarms.

Image: Intelligent Sound and Light Alarm.

4.6 Local Storage and Cloud

The camera supports local video storage via a Micro SD card up to 512GB (not included). This capacity is sufficient for approximately 40 days of continuous recording using H.265 compression. Cloud storage options may also be available through the CloudEdge app (subscription may apply).

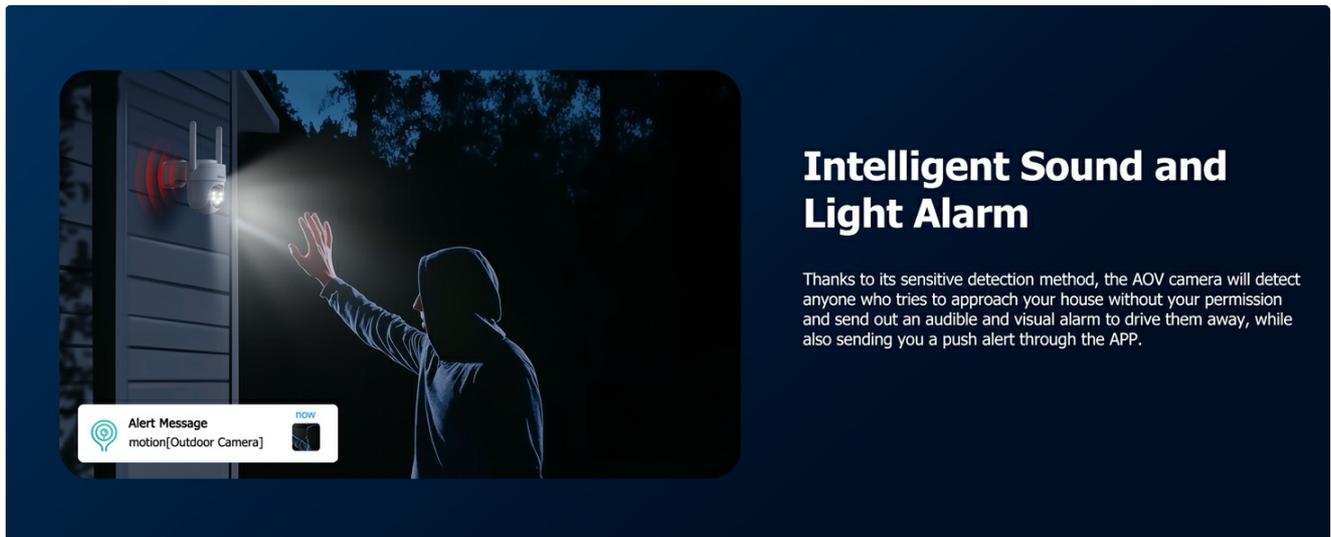


Image: Local and Cloud Storage options.

4.7 Remote Access and Multi-device Access

Access your camera's live feed and recordings remotely from anywhere using the CloudEdge app on your smartphone, tablet, or desktop. You can also share device access with family and friends, allowing multiple users to view the camera simultaneously.



Image: Multi-device access for shared viewing.

4.8 Alexa and Google Assistant Integration

The Rebluum AOV Security Camera is compatible with Amazon Alexa and Google Assistant. Connect your camera to these smart home platforms to enable voice control for displaying live camera feeds on compatible smart displays.

Two-Way Audio

Through the mobile app, you can have two-way communication with the person in front of the camera using a modified voice, ensuring your privacy and security.



Image: Smart home integration with Alexa and Google Assistant.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance. Avoid using harsh chemicals or abrasive materials that could scratch the surfaces. Ensure the solar panel is free of dust, dirt, or debris to maximize charging efficiency.

5.2 Battery Care

The camera is designed for continuous operation with its solar panel and built-in rechargeable battery. For optimal battery longevity, ensure the solar panel receives sufficient sunlight. In prolonged periods of low light, the camera's battery may deplete, affecting continuous recording. The camera is waterproof (IP65 rated) and designed to withstand various weather conditions.

2-Way Audio

With Built in Microphone and Speaker



Hello, your package has arrived!



OK, I'll get it right away

Image: IP65 Waterproof rating for all-weather performance.

5.3 Firmware Updates

Periodically check the CloudEdge app for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features, security enhancements, and bug fixes. Follow the in-app instructions to perform updates.

6. TROUBLESHOOTING

If you encounter issues with your Reblum AOV Security Camera, please refer to the following common problems

and solutions:

Problem	Possible Cause	Solution
Camera not powering on	Low battery; Solar panel not charging effectively.	Ensure solar panel is in direct sunlight. Charge the camera fully before first use.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; Router issues.	Double-check Wi-Fi password. Move camera closer to router or use a Wi-Fi extender. Restart router.
Poor image quality / blurry video	Dirty lens; Insufficient lighting; Network bandwidth issues.	Clean the camera lens. Ensure adequate lighting for optimal image. Check your internet speed.
PTZ movement is laggy or glitchy	Weak Wi-Fi signal; App calibration issue.	Improve Wi-Fi signal strength. Recalibrate the camera through the app settings.
Only one device can access camera at a time	App limitation for simultaneous live viewing.	This is a known behavior for some camera apps. Ensure proper sharing settings are configured for multi-user access, though simultaneous live viewing might be restricted.
Motion detection issues (false alarms/no detection)	Sensitivity settings; Detection zone configuration; Environmental factors.	Adjust motion detection sensitivity in the app. Configure custom alarm areas to exclude irrelevant zones. Ensure lens is clear.
Micro SD card not recognized	Card not inserted correctly; Incompatible card; Card corrupted.	Reinsert the Micro SD card. Ensure it is a compatible type and size (up to 512GB). Format the card via the app or on a computer.

7. SPECIFICATIONS

Feature	Detail
Model Name	RB-3PT3-US
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered and Battery Powered (9600 mAh)
Connectivity Protocol	Wi-Fi
Controller Type	Amazon Alexa, Android, CloudEdge, Google Assistant, iOS
Mounting Type	Wall Mount and Ceiling Mount
Video Capture Resolution	2K, 3MP (2048x1536)
Viewing Angle	355 Degrees (Horizontal PTZ)
Night Vision Range	90 Feet

Feature	Detail
Frame Rate	25 frames per second (max)
Water Resistance Level	IP66
Flash Memory Type	Micro SD (up to 512 GB)
Video Encoding	H.265
Item Dimensions (L x W x H)	7 x 5 x 8 inches
Item Weight	2.2 pounds

8. WARRANTY AND SUPPORT

Rebluum products are designed for reliability and performance. For specific warranty details and terms, please refer to the warranty card included with your product or visit the official Rebluum website. For technical support, troubleshooting assistance, or any inquiries, please contact Rebluum customer service through the contact information provided in your product packaging or on the official Rebluum brand store on Amazon: [Rebluum Security Store](#).