GALAYOU R1

GALAYOU R1 Outdoor Security Camera User Manual

Model: R1

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your GALAYOU R1 Outdoor Security Camera. Please read this manual thoroughly before using the product to ensure proper function and safety.

Package Contents

- 1 x GALAYOU R1 Wireless Camera
- 1 x Solar Panel
- 1 x Type-C Cable
- 2 x Mounting Hole Templates
- 1 x Screw Pack (for mounting)
- 1 x User Manual (this document)

2. Safety Information

Please observe the following safety precautions to prevent damage to the product or injury to yourself and others:

- Do not disassemble or modify the camera or solar panel.

- Ensure all connections are secure and waterproof, especially for outdoor installation.
- Use only the provided or recommended power accessories.
- Keep the camera away from extreme temperatures, direct sunlight for prolonged periods (other than the solar panel), and corrosive substances.
- Install the camera in a location where it is not easily accessible to unauthorized persons.
- Dispose of batteries according to local regulations.

3. Setup and Installation

3.1 Initial Charging

Before first use, fully charge the camera using the provided Type-C cable and a standard 5V/1A phone charger. This ensures the internal batteries are at optimal capacity for initial setup and solar charging.

3.2 App Download and Account Creation

The GALAYOU R1 camera uses the WANSVIEW app for control and monitoring. Download the WANSVIEW app from your smartphone's app store (iOS App Store or Google Play Store).
Once downloaded, open the app and follow the on-screen instructions to create a new account or log in if you already have one.

3.3 Camera Pairing with App

1. Open the WANSVIEW app and tap the "+" icon to add a new device.
2. Select "Add Camera" and choose the appropriate camera model (R1).
3. Power on the camera. The camera will enter pairing mode, indicated by a flashing LED.
4. Connect your smartphone to a 2.4GHz Wi-Fi network. The camera only supports 2.4GHz Wi-Fi.
5. Enter your Wi-Fi network name (SSID) and password into the app.
6. The app will generate a QR code. Hold your phone with the QR code approximately 15-20 cm (6-8 inches) in front of the camera lens until you hear a confirmation sound from the camera.
7. Once connected, the camera's LED will turn solid blue, and the app will confirm successful pairing. You can then name your camera.

3.4 Physical Installation

The camera is designed for outdoor use with IP65 weather resistance. Choose a mounting location that provides a clear view of the area you wish to monitor and allows the solar panel to receive maximum direct sunlight.



Image: The GALAYOU R1 camera mounted on an exterior wall, connected to its solar panel, illustrating a typical outdoor installation.

1. **Select Location:** Identify a suitable mounting spot on a wall or eave. Ensure the Wi-Fi signal is strong at this location. The solar panel should be positioned to receive 4-6 hours of direct sunlight daily.
2. **Mark Drilling Points:** Use the provided mounting hole templates to mark the drilling points on the wall.
3. **Drill Holes:** Drill holes at the marked points and insert the wall anchors (if necessary for your wall type).
4. **Mount Bracket:** Secure the camera mounting bracket to the wall using the screws from the screw pack.
5. **Attach Camera:** Attach the camera to the mounted bracket. Adjust the angle as needed.
6. **Mount Solar Panel:** Mount the solar panel in a sunny location, ensuring the cable can reach the camera. Connect the solar panel cable to the camera's charging port. The cable length is approximately 3 meters.



Image: The GALAYOU R1 camera and its accompanying solar panel, showcasing the main components of the system.

4. Operating the Camera

4.1 Live View and PTZ Control

Open the WANSVIEW app and select your camera to access the live view. From the live view interface, you can:

- **Pan (Horizontal Rotation):** Swipe left or right on the screen or use the directional controls to rotate the camera 350°.
- **Tilt (Vertical Rotation):** Swipe up or down on the screen or use the directional controls to tilt the camera 90°.
- **Digital Zoom:** Pinch to zoom in or out on the live feed.



Image: A smartphone screen showing the live feed from the GALAYOU R1 camera, demonstrating the 350° horizontal and 90° vertical rotation capabilities.

4.2 Motion Detection and Notifications

The camera features a PIR motion sensor for accurate human detection, reducing false alarms.

- **Enable Motion Detection:** In the app settings for your camera, navigate to "Motion Detection" and enable it.
- **Adjust Sensitivity:** You can adjust the PIR sensor sensitivity to suit your environment.
- **Receive Alerts:** When motion is detected, the camera will record a 10-second video clip and send a real-time notification to your phone.

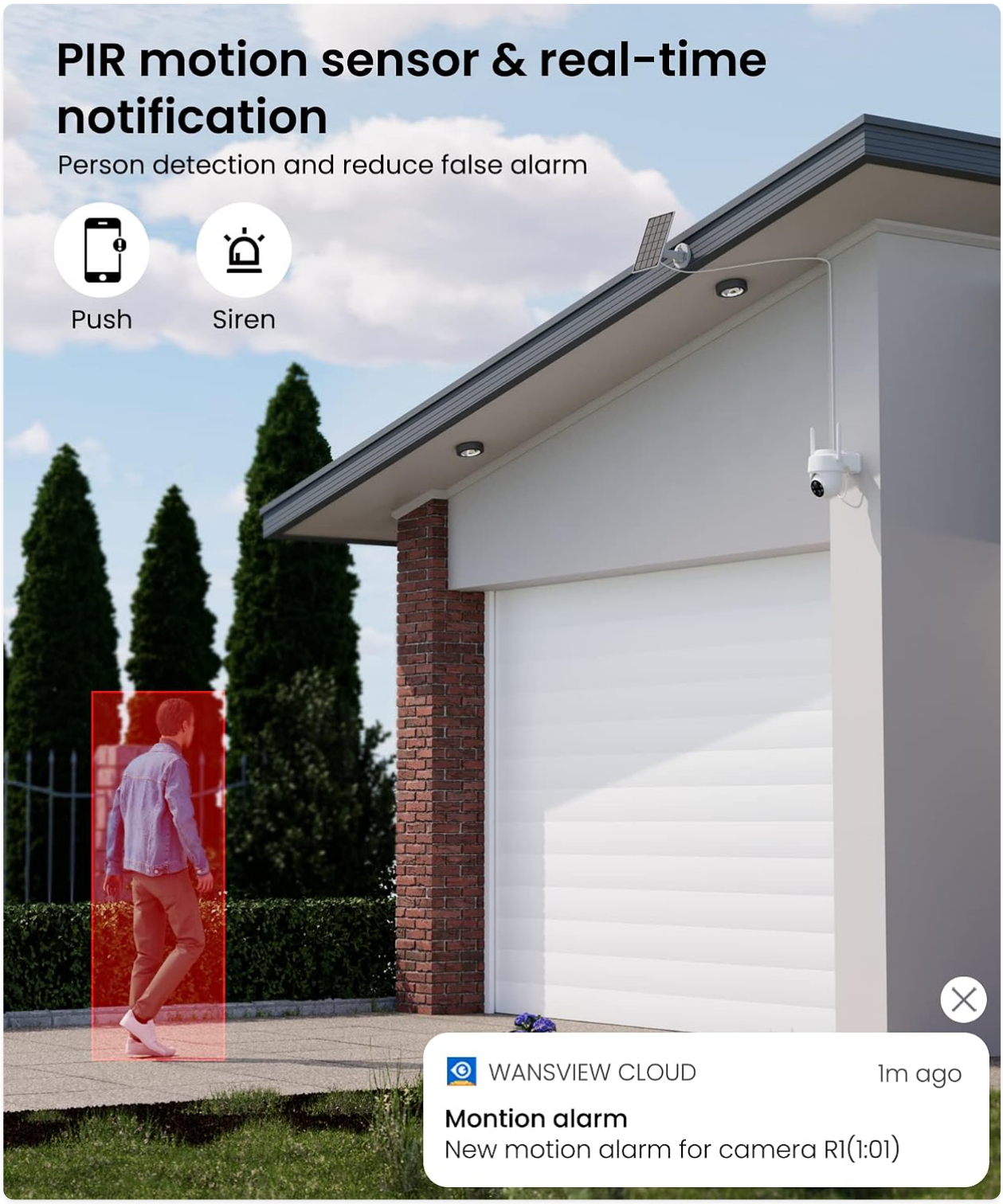


Image: An illustration of the PIR motion sensor and real-time notification feature, showing a push notification and siren alert on a smartphone when motion is detected.

4.3 Night Vision Modes

The camera supports three night vision modes:

- **Infrared Mode:** Provides clear black and white images in low light conditions using infrared LEDs.
- **Color Mode:** Activates built-in spotlights to provide full-color night vision when motion is detected or manually activated.
- **Alarmed Mode:** Combines spotlights and a siren to deter intruders upon motion detection.

You can switch between these modes in the camera settings within the WANSVIEW app.

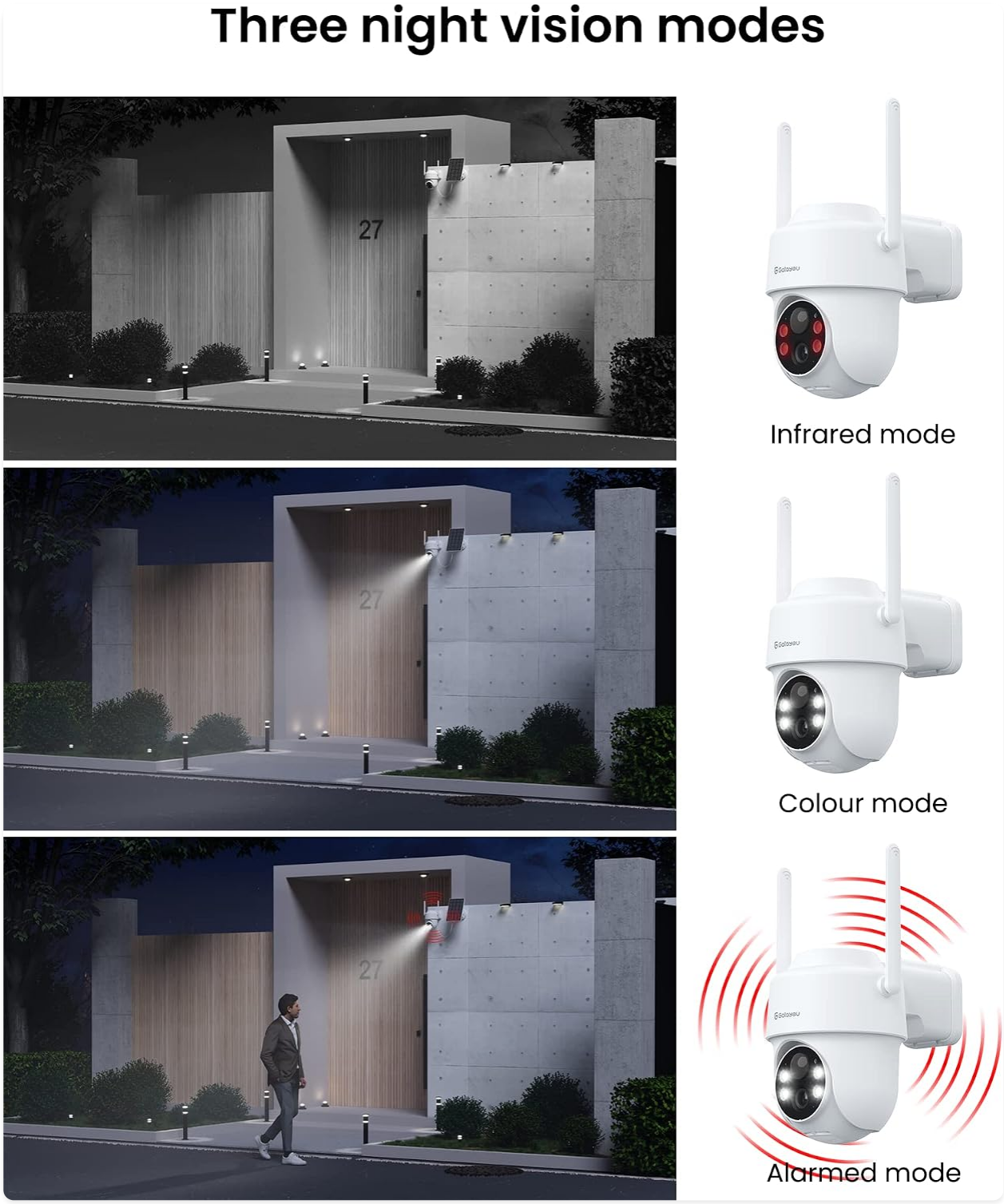


Image: Visual representation of the three night vision modes: Infrared, Color, and Alarmed, demonstrating how the camera adapts to different low-light scenarios.

4.4 Two-Way Audio

The camera has an integrated speaker and microphone, allowing for two-way communication.

- From the live view, tap the microphone icon to speak through the camera's speaker.
- Tap the speaker icon to listen to audio from the camera's surroundings.

4.5 Family Sharing

You can share access to your camera with up to 3 other users through the WANSVIEW app, allowing multiple family members to view the live feed simultaneously.



Image: An illustration showing multiple family members viewing the camera feed on their smartphones, highlighting the family sharing feature.

4.6 Storage Options

The camera supports local storage via a Micro SD card (up to 128GB, not included) and cloud storage (subscription required).

- **Micro SD Card:** Insert a formatted Micro SD card into the designated slot on the camera. Recordings will be saved locally.
- **Cloud Storage:** Refer to the WANSVIEW app for details on cloud storage plans and activation.

5. Maintenance

5.1 Cleaning

- Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust and dirt.
- Do not use harsh chemicals or abrasive cleaners.

5.2 Battery Care

The camera is equipped with rechargeable Lithium-ion batteries, continuously powered by the solar panel.

- Ensure the solar panel is positioned to receive adequate sunlight for optimal charging.
- In periods of prolonged cloudy weather or high usage, the battery level may drop. If this occurs, you can temporarily charge the camera via the Type-C port using a power adapter.
- Avoid fully discharging the battery frequently to prolong its lifespan.

5.3 Weather Resistance

The camera has an IP65 waterproof rating, meaning it is protected against dust and low-pressure water jets. While designed for outdoor use, avoid submerging the camera in water.



Image: The GALAYOU R1 camera being exposed to rain, illustrating its IP65 waterproof and weather-resistant design.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi.	Incorrect Wi-Fi password; Camera too far from router; Only 5GHz Wi-Fi available.	Double-check password. Move camera closer to router. Ensure your router broadcasts a 2.4GHz network and connect your phone to it during setup.
Battery not charging via solar panel.	Insufficient sunlight; Solar panel obstructed; Panel not connected properly.	Relocate solar panel to receive 4-6 hours of direct sunlight daily. Clear any obstructions. Ensure the Type-C cable is securely connected.
Frequent false motion alerts.	PIR sensitivity too high; Environmental factors (e.g., swaying trees, passing cars).	Adjust the PIR sensitivity setting in the WANSVIEW app. Consider adjusting the camera's angle to exclude high-traffic or windy areas.
No night vision.	Night vision mode disabled; Insufficient power.	Check night vision settings in the app. Ensure the camera has sufficient battery charge.
Camera offline.	Wi-Fi signal lost; Camera powered off; App issue.	Check Wi-Fi router. Verify camera power. Restart the camera and/or the app. Re-pair if necessary.

7. Specifications

Feature	Detail
Model Number	R1
Video Resolution	2K (1296p)
Horizontal Rotation (Pan)	350 degrees
Vertical Rotation (Tilt)	90 degrees
Connectivity	2.4GHz Wi-Fi
Power Source	Solar Powered, Battery Operated (2 Lithium-ion batteries included)
Water Resistance	IP65
Night Vision Range	Up to 10 meters
Motion Detection	PIR Human Detection
Audio	Two-Way Audio (Built-in speaker and microphone)

Feature	Detail
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Operating Voltage	5 Volts
Dimensions (L x W x H)	14.9 x 11.8 x 13.4 cm
Weight	870 grams

8. Warranty and Support

GALAYOU products come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official GALAYOU website for detailed warranty terms and conditions.
For technical support, troubleshooting assistance, or any inquiries regarding your GALAYOU R1 camera, please contact GALAYOU customer service:

- **Email:** support@galayou.com
- **Website:** www.galayou.com

When contacting support, please have your product model (R1) and purchase information ready.

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