winees L1 Pro

winees 2K Solar Security Camera (Model L1 Pro) User Manual

Wireless Outdoor Security Camera with 8G Free Local Storage

1. INTRODUCTION

Thank you for choosing the winees 2K Solar Security Camera, Model L1 Pro. This camera is designed to provide reliable and continuous outdoor surveillance with its solar-powered, wire-free operation. Featuring 2K QHD resolution, advanced AI detection, and compatibility with smart home systems, it offers enhanced security and peace of mind. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

2. WHAT'S IN THE BOX

Please verify that all components are present in your package:

- Camera (1 unit)
- Solar Panel (1 unit)
- Mounting Bracket (1 unit)
- Charging Cable (1 unit)
- Quick Start Guide (1 unit)

Image: The winees 2K Solar Security Camera and its accompanying solar panel, as included in the package.

3. KEY FEATURES

3.1 Non-Stop Continuous Power

The camera is designed for continuous operation with its included solar panel. The solar panel features 360° flexible rotation to maximize sunlight absorption. With just 2 hours of direct sunlight, the camera can maintain continuous electricity for 365 days, eliminating the need for frequent manual charging. It is recommended to fully charge the camera using a 5V/1A or 2A power supply (not included) before initial installation.

100% Wire-Free with Non-Stop Solar Powered

2.4Ghz Wifi

365 Days Battery Life

IP66 Waterproof

Image: The winees camera and solar panel mounted on an outdoor wall, illustrating its wire-free and solar-powered design.

Winees | L1

**2K Wire-Free
Security Camera Outdoor**

Internal Free Storage
Non-Stop Solar Powered

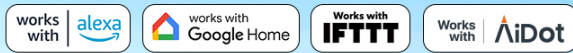works with alexa | works with Google Home | Works with IFTTT | Works with AiDot

Image: Diagram highlighting the solar panel's efficiency, indicating 2 hours of sunshine for all-day power and 21% efficient energy conversion.

3.2 True Wireless & 2.4Ghz Wi-Fi Connectivity

Equipped with a high-performance 5200mAh built-in battery, the winees security camera offers true wireless installation, allowing placement anywhere without the need for power cables. It supports 2.4Ghz Wi-Fi, providing strong penetration and a wide connection range for stable communication.

3.3 2K QHD Resolution & Night Vision

Experience unparalleled clarity with the camera's ultra-clear 2K-3MP resolution. A 130° diagonal viewing angle and 6x digital zoom ensure comprehensive coverage and capture of fine details. Advanced night vision technology provides clear images even in low-light conditions, extending surveillance capabilities around the clock.
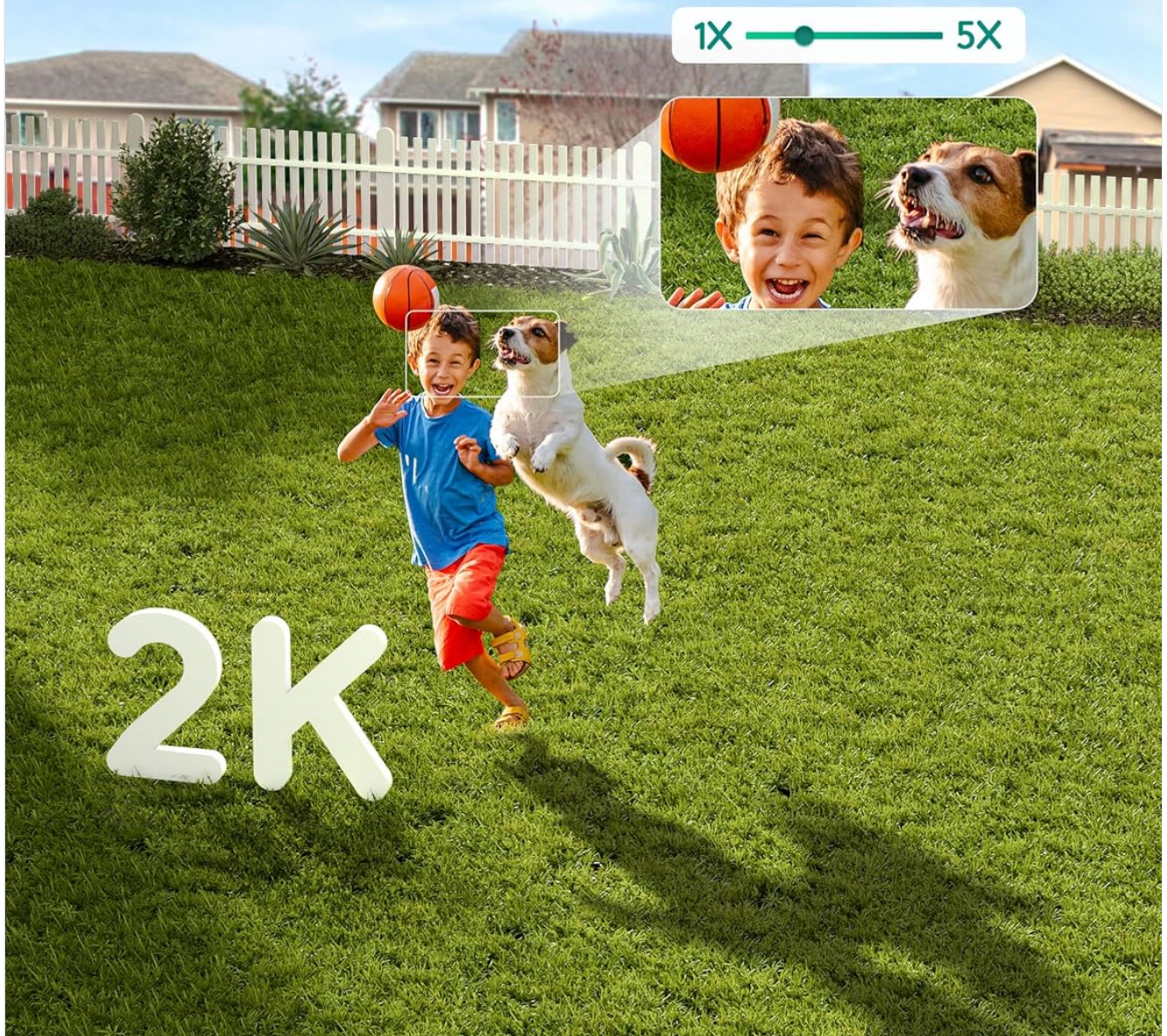
Image: An illustration demonstrating the 2K QHD resolution, showing clear details of a child and dog in a yard with zoom capabilities.

130° Wide Angle & Night Vision

See Wider and Clearer at Night

130°

Image: A graphic illustrating the 130° wide-angle view and night vision capabilities, showing a broad area around a house at night.
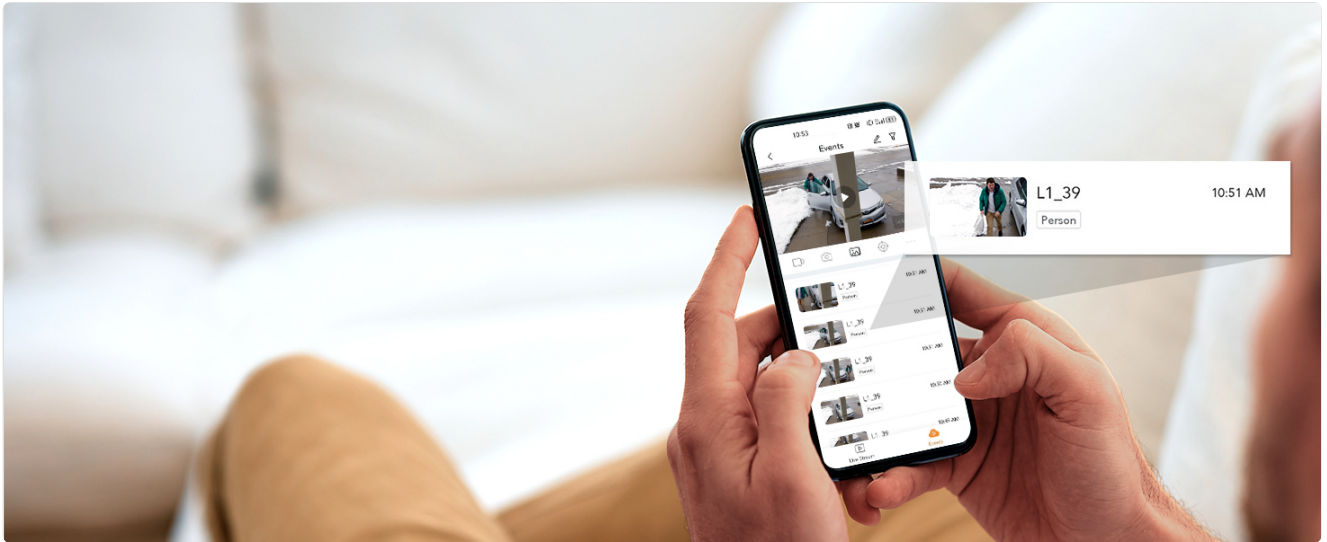
Image: A night vision view showing a person attempting to climb over a railing, demonstrating the camera's ability to capture clear images in low light at 10 meters away.

3.4 Free Local Storage & PIR Alarm

The camera includes 8GB of EMMC local storage, providing up to 60 days of video storage without additional subscription fees. Human detection is available without any subscription or hidden fees. The sensitive PIR (Passive Infrared) sensor reduces false alarms by accurately identifying vehicles, packages, and pets, sending quick alerts to your device.

Internal Free Memory Card

60 Days Rolling Storage

Image: A cutaway diagram of the camera showing the internal 8GB EMMC storage, indicating 60 days of rolling storage.
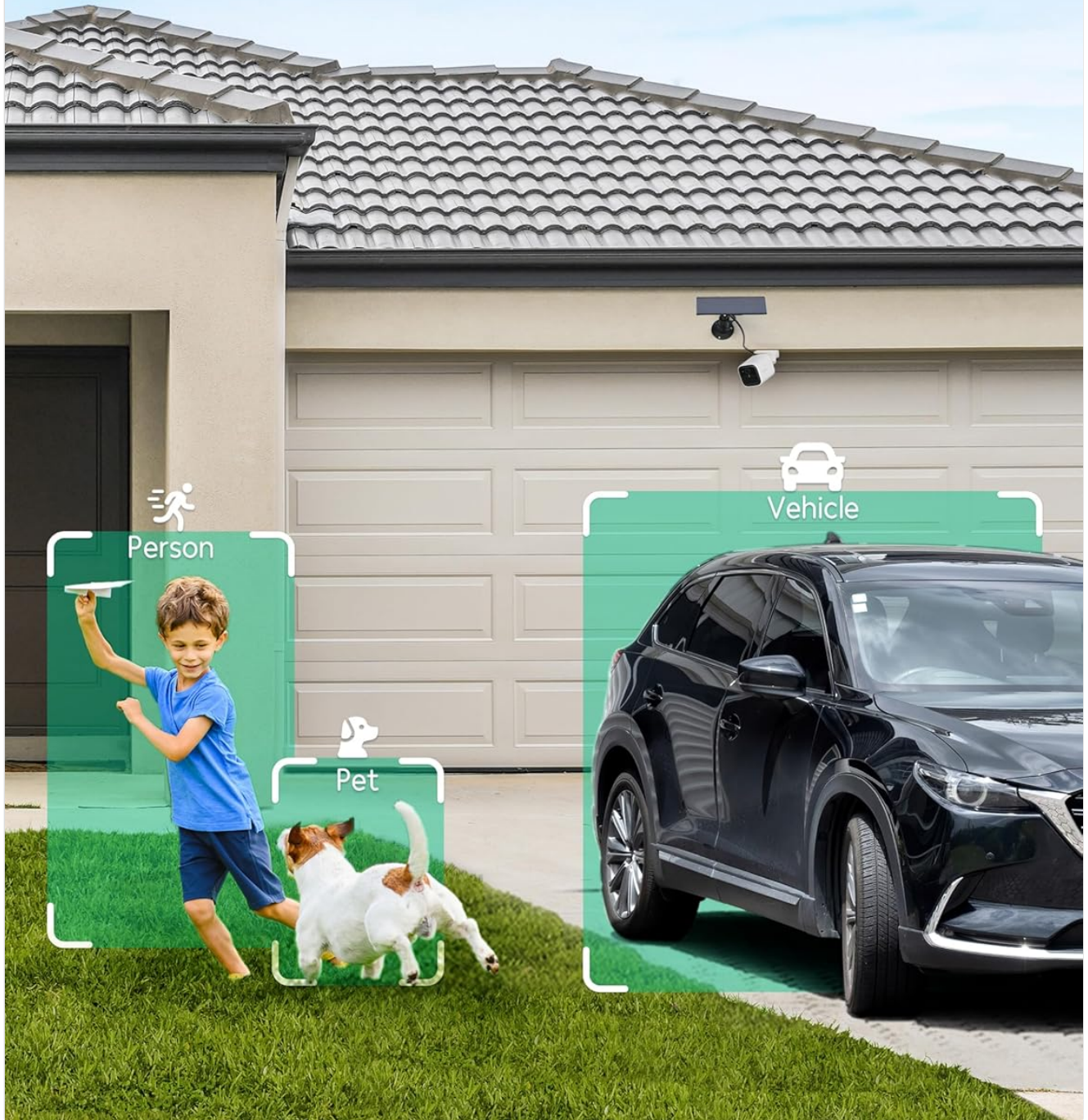
Image: An illustration of the 2.0 AI-Algorithm Detection, showing the camera identifying a person, pet, and vehicle in a driveway, leading to more accurate alerts.

Image: A scene depicting the camera's AI detection capabilities, highlighting the recognition of a person, pet, and vehicle within the surveillance area.

Video: This video demonstrates the winees L1 Solar Camera's features, including crystal-clear 2K resolution, remote viewing, timely alarm triggers, customizable activity zones, and AI detection for vehicles, pets, and humans. It also showcases two-way audio communication and secure local storage with night vision capabilities.

3.5 Compatible with Alexa & Google Home

After linking the Aidot app with your Alexa or Google Home app, you can use simple voice commands to view live feeds for enhanced home security. For example, say: "Alexa, show me the living room" or "Hey Google, show me the back yard."

Image: A person interacting with a smart display, demonstrating Alexa voice control to view the camera feed, with logos for 'works with Alexa' and 'works with Google Home'.

3.6 Easy Installation & IP66 Waterproof

The camera features a convenient snap-on design for quick and easy installation. Its IP66 waterproof rating ensures resistance to various weather conditions, including rain, sun, and snow, operating reliably between -4°F and 122°F (-20°C to 50°C).

Easy installation in 3 minutes

Stable & Special Mount Design

Image: A hand holding the camera near a wall mount, illustrating the simple snap-on design for quick installation.
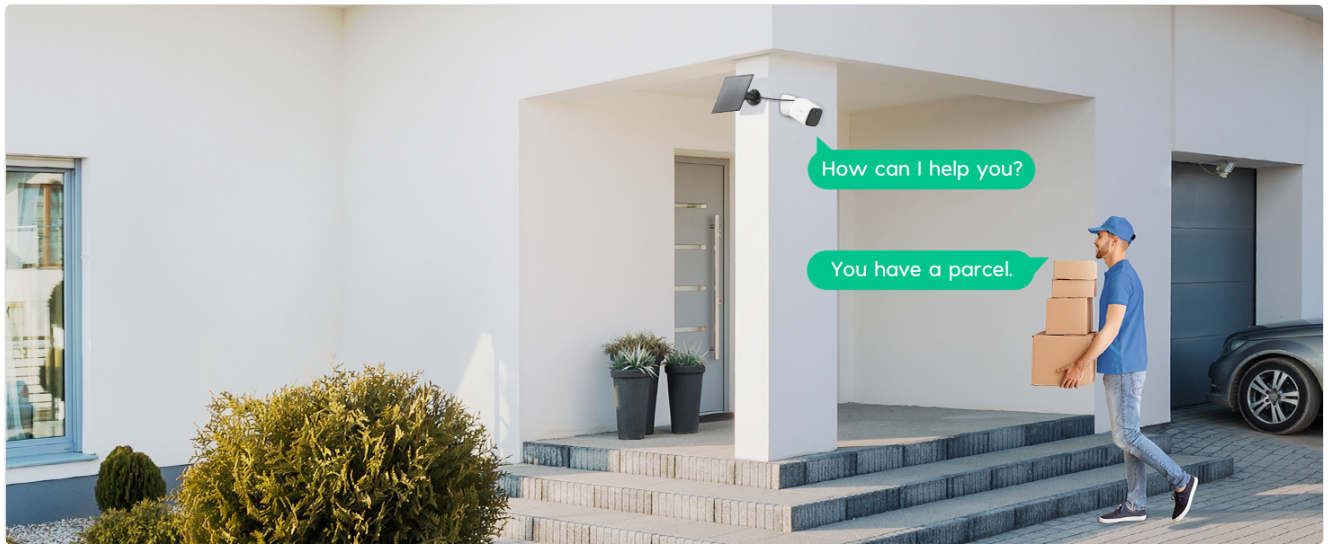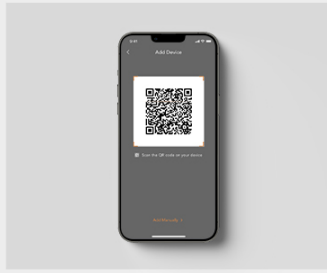
Image: The camera and solar panel mounted outdoors during rain, demonstrating its IP66 waterproof rating and ability to withstand various weather conditions.
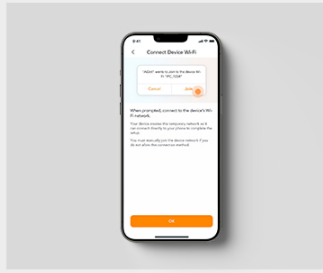
4. SETUP GUIDE

Follow these steps to set up your winees 2K Solar Security Camera:

1. **Initial Charge:** Before installation, fully charge the camera using the provided charging cable and a 5V/1A or 2A power adapter (not included). This ensures the battery is ready for optimal performance.

2. **Download the Aidot App:** Search for "Aidot" in your smartphone's app store (iOS or Android) and download the application.

3. **Create an Account:** Open the Aidot app and follow the on-screen instructions to create a new user account or log in if you already have one.

4. **Add Device:** In the Aidot app, tap the "+" icon or "Add Device" to begin the pairing process.

5. **Scan QR Code:** The app will prompt you to scan a QR code. Locate the QR code on your camera or in the Quick Start Guide and scan it using your phone's camera.

6. **Connect to Wi-Fi:** Follow the app's instructions to connect the camera to your 2.4Ghz Wi-Fi network. Ensure your phone is connected to the same 2.4Ghz network during this process.

7. **Mount the Camera:** Once connected, choose a suitable outdoor location for your camera and solar panel. Use the provided mounting bracket and screws to securely install them. Ensure the solar panel receives adequate direct sunlight.

8. **Adjust Angle:** Adjust the camera's angle to cover your desired surveillance area.

Step 1	Step 2	Step 3
Scan the QR code on your device.	Join the select home network.	Waiting to connect and enjoy use of it.

Image: A visual guide showing the three main steps for setup: scanning the QR code, joining the home network, and waiting for connection to begin use.

5. OPERATING INSTRUCTIONS

Once your winees camera is set up, you can utilize its various functions through the Aidot app:

5.1 Live View and Playback

- Open the Aidot app and select your camera to access the live view.
- Use the playback feature to review recorded footage stored on the 8GB local storage.
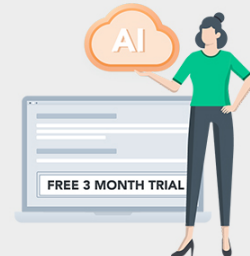

Privacy Safety Protection

AiDot follows a privacy policy. We take your privacy seriously and AiDot will not disclose your personal information to third parties.

Easy to Configuration

Your device is compatible with the AiDot app. Unlock all the exciting details about using the AiDot app with your device.

$2.99/ Month Cloud Service

No storage limit. High–speed, portable cloud storage, which makes you not miss any video details and view them anytime, anywhere.

Image: A smartphone screen showing a list of recorded events from the camera, indicating the time and type of detection (e.g., 'Person').

5.2 Two-Way Audio

Engage in real-time conversations with visitors or deter unwanted guests using the built-in microphone and speaker. Tap the microphone icon in the live view to speak.

Image: A visual representation of the two-way audio feature, showing a homeowner communicating with a delivery person at their doorstep via the camera.

5.3 Motion Detection and Alerts

- The camera utilizes PIR motion detection to identify movement.
- Receive instant notifications on your smartphone when motion is detected.
- Customize detection sensitivity and set up activity zones to focus on specific areas and reduce unnecessary alerts.
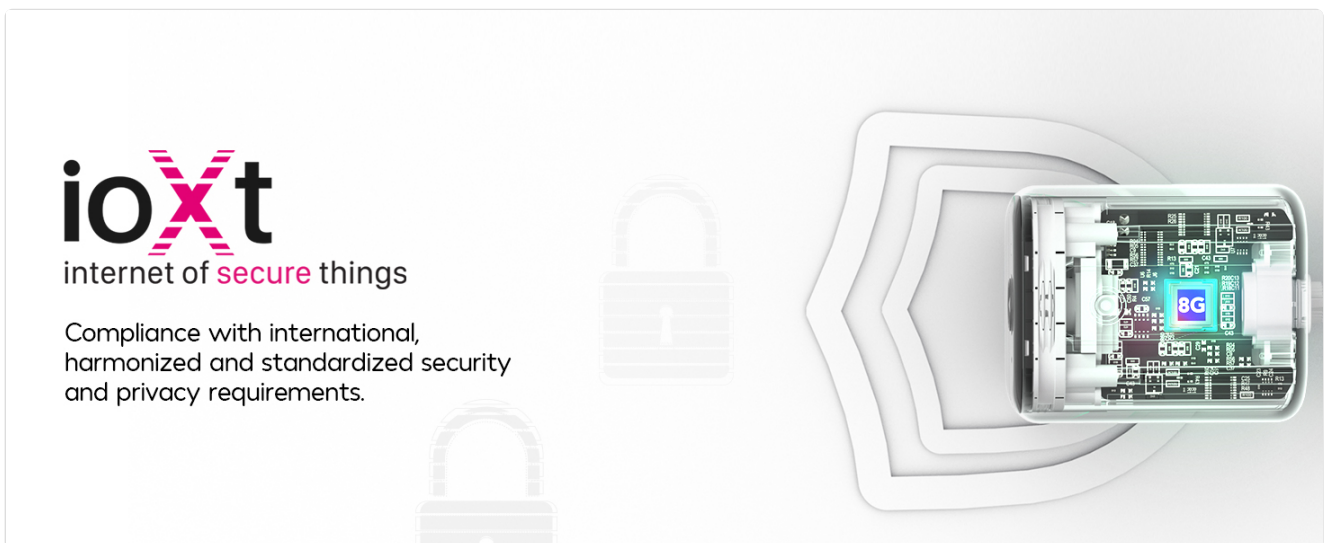

Image: An overhead view of a house and yard, illustrating how users can define and customize specific activity zones (Zone 1, Zone 2, Zone 3) for motion detection.

5.4 Smart Home Integration

Integrate your winees camera with Amazon Alexa or Google Home for voice-controlled monitoring. Refer to the Aidot app settings for detailed instructions on linking your accounts.

6. MAINTENANCE

To ensure the longevity and optimal performance of your winees camera, follow these maintenance guidelines:

- **Clean the Lens:** Periodically wipe the camera lens with a soft, clean cloth to remove dust, dirt, or smudges that may affect image clarity.
- **Solar Panel Cleaning:** Keep the solar panel clean and free of debris (leaves, dust, snow) to ensure maximum

- sunlight absorption and efficient charging.
- **Battery Health:** While the solar panel provides continuous power, avoid prolonged periods of no sunlight exposure if possible, especially in winter, to maintain battery health. If the battery level drops significantly, manually charge the camera using the provided cable.
- **Firmware Updates:** Check the Aidot app regularly for firmware updates. Updates often include performance improvements, new features, and security enhancements.
- **Environmental Considerations:** Although IP66 rated, extreme weather conditions (e.g., severe hailstorms, prolonged heavy snow) may temporarily impact performance. Ensure the camera is securely mounted to withstand strong winds.

7. TROUBLESHOOTING

If you encounter issues with your winees 2K Solar Security Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; power adapter issue.	Fully charge the camera using the charging cable and a compatible power adapter.
Unable to connect to Wi-Fi.	Incorrect Wi-Fi password; 5Ghz network selected; weak signal.	Ensure you are connecting to a 2.4Ghz Wi-Fi network. Double-check the password. Move the camera closer to the router.
Frequent false alarms.	High motion sensitivity; environmental factors (e.g., moving branches, shadows).	Adjust motion detection sensitivity in the Aidot app. Define activity zones to exclude irrelevant areas.
Poor night vision quality.	Dirty lens; infrared interference.	Clean the camera lens. Ensure there are no reflective surfaces close to the camera that could interfere with infrared light.
Solar panel not charging effectively.	Insufficient direct sunlight; dirty panel.	Relocate the solar panel to an area with more direct sunlight. Clean the surface of the solar panel regularly.
Two-way audio not working.	Microphone/speaker muted in app; network latency.	Check if the microphone or speaker is muted in the Aidot app. Ensure a stable internet connection.

If the problem persists, please contact winees customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Name	L1 Pro
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	2K (3MP)
Viewing Angle	130 Degrees

Feature	Detail
Digital Zoom	6x
Connectivity Protocol	Wi-Fi (2.4Ghz Only)
Power Source	Solar Powered, Corded Electric, Battery Powered
Battery Capacity	5200 mAh Lithium Polymer (included)
Local Storage	8GB EMMC (non-detachable)
Night Vision Range	33 Feet (10 meters)
Water Resistance Level	IP66
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Controller Type	Amazon Alexa, Android, Google Assistant, Google Home, IFTTT
Alert Type	Motion Only (Person, Vehicle, Pet detection)
Item Weight	1.83 pounds

9. WARRANTY AND SUPPORT

Winees is committed to providing excellent customer service and product support. Your outdoor wireless camera is certified by IoXt, ensuring high standards for IoT security and privacy.

- **Privacy Protection:** Winees prioritizes your privacy. The system uses digital certificates (x509) and AES256 algorithm encryption for data transmission and storage. All data is stored locally or on your own SD card.
- **Customer Service:** If you have any questions or require assistance, please feel free to contact winees customer support.

30 Days
No Reason to Return Within 30 Days

24 Hours
Quick Response Within 24 Hours

Lifetime Warranty
Provide Permanent Service and Technical Support

24 Months
Unconditional Replacement for You Within 24 Months

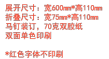Image: Winees customer service team ready to assist with inquiries.

Image: Details on Winees customer support, including 30-day no-reason return, 24-hour quick response, lifetime warranty, and 24-month unconditional replacement.

Image: A diagram illustrating the security measures for data protection, including TLS and AES 256 encryption, and IoXt certification.

Related Documents - L1 Pro

	Winees Smart Table Lamp User Guide | Setup & Operation Learn how to set up and operate the Winees Smart Table Lamp (HS-001A) using the Smart Life app, Amazon Alexa, and Google Assistant. This guide covers product specifications, app integration, and operational instructions.
	Winees Cam mini WP01002 User Manual, Specifications, and Troubleshooting Comprehensive user guide for the Winees Cam mini (WP01002) security camera. This manual provides detailed information on setup, package contents, LED status, troubleshooting, technical specifications, safety precautions, and compliance information.
	Winees M3 Pro Quick Start Guide: Setup, Installation, and Features Get started quickly with the Winees M3 Pro security camera. This guide covers unboxing, product overview, app setup, installation instructions, light indicators, and important cautions for your home security system.

	Winees F2 Pro Floodlight Camera Quick Start Guide A comprehensive quick start guide for the Winees F2 Pro floodlight camera, covering unboxing, product overview, app setup, installation instructions for both wall and upside-down mounting, light indications, and important cautions.
	Winees Spotlight Cam User Manual and Technical Specifications Comprehensive guide for the Winees Spotlight Cam, covering safety precautions, FCC statements, package contents, installation, technical specifications, quick start, and troubleshooting. Includes model numbers WP280013267, WP280013261, WP280013263.
	Winees S1 Plus Quick Start Guide A comprehensive quick start guide for the Winees S1 Plus water leak detection system, detailing setup, installation, product overview, light indicators, and important cautions for optimal use.

Documents - winees – L1 Pro

no relevant documents