

SYMNELEC L1P-Solar-2.4GHz-4PCS

SYMNELEC L1P-Solar-2.4GHz-4PCS Solar Security Camera System User Manual

Your guide to setting up and operating your SYMNELEC Solar Security Cameras.

1. INTRODUCTION

Thank you for choosing the SYMNELEC Solar Security Camera System. This manual provides essential information for the proper setup, installation, operation, and maintenance of your new wireless surveillance system. Designed for both indoor and outdoor use, these 2K cameras offer advanced features like AI motion detection, color night vision, and two-way audio, powered by a rechargeable battery and a solar panel for continuous operation.

2. WHAT'S IN THE BOX

Upon unboxing your SYMNELEC Solar Security Camera System, please verify that all components listed below are present:

- 4x Smart Battery Solar Cameras
- 4x Removable Solar Panel Kits (each with a 2m connection cable)
- 4x USB-C Charging Cables (1 meter / 3.3 feet length)
- 4x Screws Sets & Mounting Brackets
- 4x Positioning Stickers & Surveillance Stickers
- 1x User Manual

Your browser does not support the video tag.

Video Description: An unboxing video demonstrating the contents of the SYMNELEC Security Cameras Wireless Outdoor package, showing the camera, solar panel, cables, and mounting accessories.

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Video Description: A video showcasing the unboxing and display of the SYMNELEC Security Camera Wireless Battery, highlighting its components and design.

3. PRODUCT OVERVIEW

The SYMYNELEC Solar Security Camera System provides robust home monitoring with the following key features:

- **Solar and Battery Powered:** Equipped with a removable solar panel and a built-in 5200mAh rechargeable battery, offering 1-3 months of battery life on a full charge depending on usage. Low-battery alerts are included. A 5V power adapter is required for charging (not included).
- **AI Motion Detection, PIR Heat Sensing & Human Detection:** Utilizes AI and PIR technology to identify humans, vehicles, and animals, significantly reducing false alarms. Captures HD video, enables two-way talk, and sends real-time app alerts.
- **AI-Powered Descriptive Alerts:** Provides precise notifications like "A courier with a package is standing on your front steps" with real-time snapshots, identifying persons, vehicles, packages, pets, and fire.
- **2K Ultra HD Resolution, Color Night Vision, 3x Zoom:** Delivers sharp 2K resolution with a 100° wide-angle lens. Features IR night vision and HDR for clear views up to 33 ft. The Symynelec app supports viewing up to 16 real-time videos and 20 users.
- **2.4GHz Wi-Fi Only, 100% Wire-Free, IP65 Waterproof:** Connects to 2.4GHz Wi-Fi (5GHz Wi-Fi is NOT supported) for easy, wire-free installation. IP65 waterproof design ensures reliable performance in various weather conditions. Compatible with Alexa and Google Home.
- **Encrypted TF Card Storage or Cloud Backup:** Supports encrypted TF card storage (up to 256GB, not included) for local recording, or cloud backup via Symynelec on AWS for playback. Cloud storage and AI features may require a subscription after a trial period.

365 Days Non-stop Power

Place solar panels in direct sunlight to store energy.



Solar Panel



5200mAh
Rechargeable Battery



Image Description: A white SYMYNELEC solar security camera with its solar panel mounted on a light-colored exterior wall, illustrating its wire-free design and solar charging capability.



2K Solar Security Cameras Wireless Outdoor



IP65
Waterproof



Battery
Powered



2K Color
Night Vision



Two-
Way Talk



Human Body
Filtering



PIR/AI Motion
Detection



Auto Light/
Siren Alarm



Cloud/TF
Storage



Download The
SYMYNELEC App



Works with
alexa



Compatible with
Google Assistant



Image Description: A graphic showcasing the main features of the SYMYNELEC 2K Solar Security Cameras Wireless Outdoor, including IP65 waterproof, battery powered, 2K color night vision, two-way talk, human body filtering, PIR/AI motion detection, auto light/siren alarm, and cloud/TF storage.

4. SETUP

Follow these steps to set up your SYMYNELEC Solar Security Camera:

1. **Charge the Camera:** Before initial use, fully charge the camera using the provided USB-C charging cable and a 5V power adapter (not included).
2. **Download the App:** Download the official SYMYNELEC app from your smartphone's app store (iOS or Android).
3. **Create an Account:** Open the app and follow the on-screen instructions to create a new user account.
4. **Add Device:** Select "Add Device" or the '+' icon within the app. Choose your camera model (L1-2.4GHz).
5. **Power On Camera:** Ensure the camera is powered on. The indicator light should blink blue for pairing mode.
6. **Connect to Wi-Fi:** Enter your 2.4GHz Wi-Fi network password in the app. Note: 5GHz Wi-Fi is not supported.
7. **Scan QR Code:** The app will generate a QR code. Hold your phone 10-25 cm (4-10 inches) from the camera lens for the camera to scan it. You will hear three beeps, and the indicator light will turn solid green upon successful connection.

Your browser does not support the video tag.

Video Description: A short video demonstrating the setup process for the SYMYNELEC Solar Security Camera, including app pairing and Wi-Fi connection.

Your browser does not support the video tag.

Video Description: A video showing the SYMYNELEC 2K Battery Powered WiFi Camera for Home, demonstrating its features and ease of use within the app.

5. INSTALLATION

The SYMYNELEC Solar Security Camera is designed for flexible installation, both indoors and outdoors. Choose a location that provides optimal coverage and sufficient sunlight for the solar panel.

5.1 Choosing a Location

- Ensure the camera is within range of your 2.4GHz Wi-Fi router for a stable connection.
- For solar charging, position the solar panel in direct sunlight, avoiding shaded areas. The 2.2m cable allows for

flexible placement.

- Consider the viewing angle (100° wide-angle lens) and night vision range (up to 33 ft) when selecting a mounting spot.
- The camera can be placed on a tabletop, mounted on a wall, or hung under an eave.

5.2 Mounting the Camera and Solar Panel

Use the included mounting brackets and screws to secure the camera and solar panel. The solar panel can be adjusted (30°/90°) to ensure optimal energy harvesting.



365 Days Non-stop Power

Place solar panels in direct sunlight to store energy.



Solar Panel



5200mAh
Rechargeable Battery

Image Description: A white SYMYNELEC solar security camera with its solar panel mounted on a light-colored exterior wall, illustrating its wire-free design and solar charging capability.

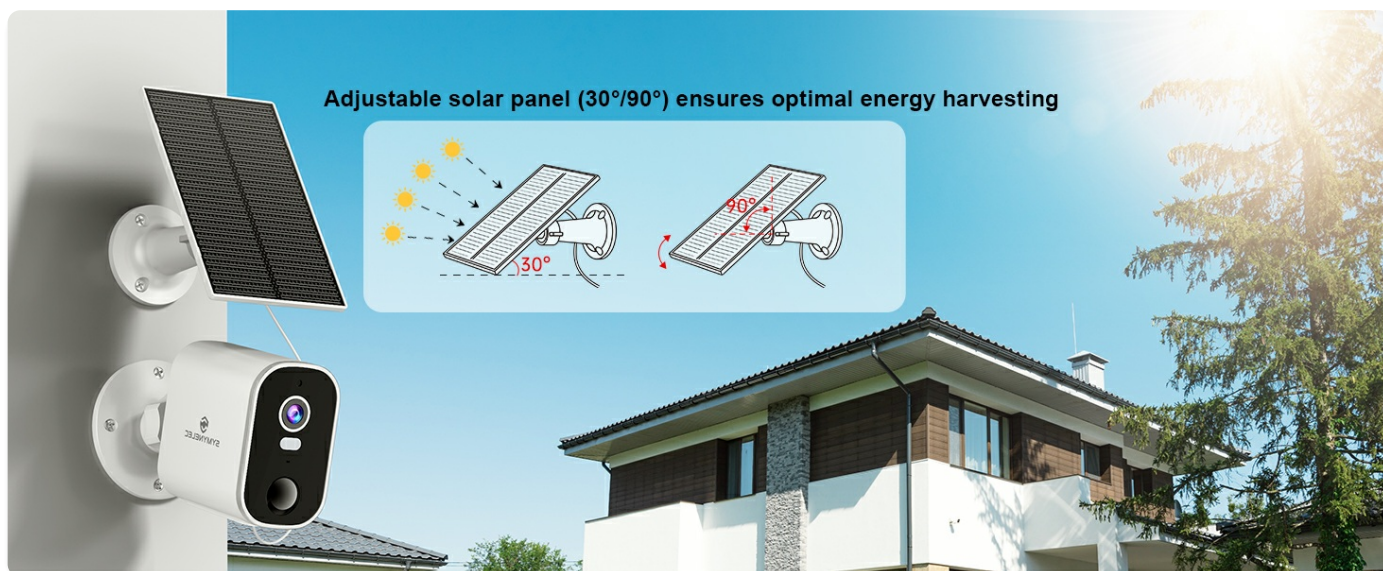


Image Description: A diagram illustrating how the adjustable solar panel (30°/90°) can be positioned to capture optimal sunlight for charging the security camera.

Indoor & Outdoor

This camera offers multiple installation options, allowing you to place it on a tabletop, mount it on a wall, or hang it under an eave. With these flexible setup choices, you can tailor your security solution to best suit your needs, whether indoors or outdoors.

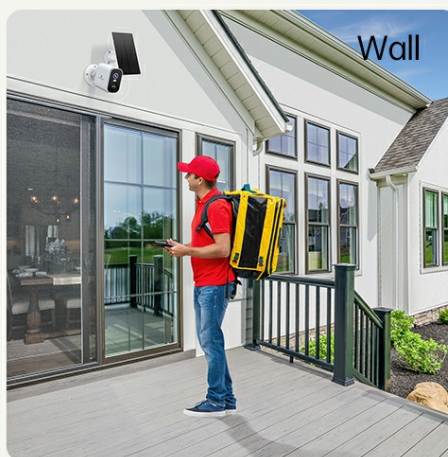


Image Description: An image showing different installation options for the SYMYNELEC camera, including mounting on a wall, ceiling, or placing it on a desktop, demonstrating its versatility for indoor and outdoor use.

6. OPERATING INSTRUCTIONS

The SYMYNELEC app is your central hub for managing and monitoring your security cameras.

6.1 Live View and Recording

- Open the SYMYNELEC app and select the desired camera to view its live feed.
- You can view up to 16 cameras simultaneously and share access with up to 20 users.
- Record video or capture screenshots directly from the live view.

Support Multi-User & Multi-Platform

view up to **16 cameras** on Mobile or Ipad, 9 cameras on PC and **20 users** live view simutenpously



ios



Android



Windows



Grandpappy



Grammy



Daddy



Mommy



Baby

Image Description: A graphic illustrating the SYMYNELEC app's support for multi-user and multi-platform access, showing various devices (iOS, Android, Windows) viewing multiple camera feeds simultaneously.

Easy to Access

See what's going on in real time.
Never be in the dark about your home's security.

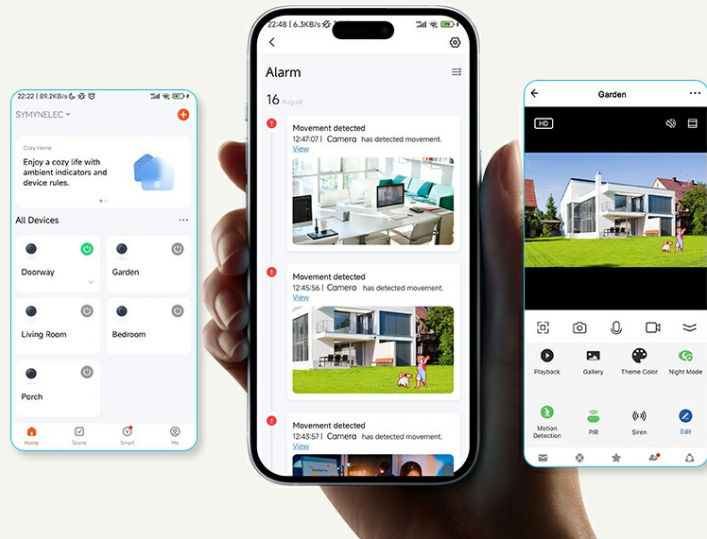


Image Description: Screenshots of the SYMYNELEC app interface on a smartphone, demonstrating easy real-time access to camera feeds and motion detection alerts for home security.

6.2 Motion Detection and Alerts

- The camera uses AI and PIR technology for accurate motion detection.
- Receive real-time descriptive alerts on your phone, identifying specific objects like persons, vehicles, or packages.
- Adjust PIR sensitivity levels (Low, Medium, High) in the app settings to minimize false alarms.
- Enable AI Human Body Filtering to focus alerts on human presence only.
- Activate the motion alarm and auto spotlight to deter intruders.

PIR Motion Detection & Siren

Experience the reliability of PIR Motion Detection & Siren. Our advanced infrared technology detects heat and movement, activating the camera to ensure enhanced security for your peace of mind.

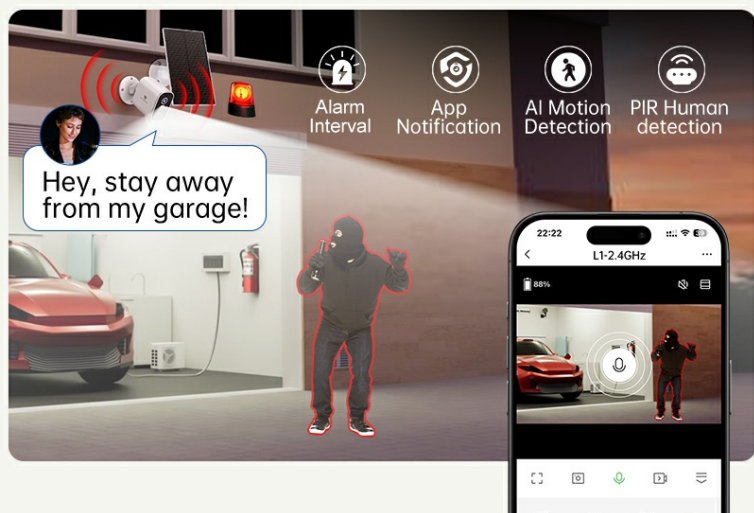


Image Description: A graphic illustrating the PIR Motion Detection and Siren feature of the SYMYNELEC camera, showing an intruder being detected and an alarm notification on a smartphone.

AI Human Body Filtering

Say goodbye to unnecessary alerts!
Reduce false alarms with Human Body Filtering, ensuring accurate detection while minimizing disturbances.

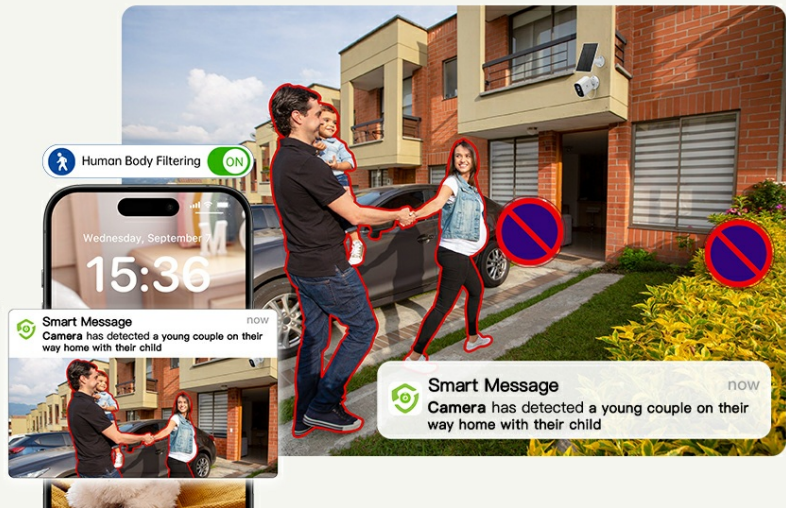


Image Description: A graphic explaining the AI Human Body Filtering feature, which helps reduce unnecessary alerts by focusing on human detection, shown with a smartphone displaying a "Human detected" notification.

6.3 Night Vision

- The camera offers 2K color night vision for clear, detailed footage even in low-light conditions.
- IR night vision is also available, providing visibility up to 33 ft.

Clear Details Even in the Dark

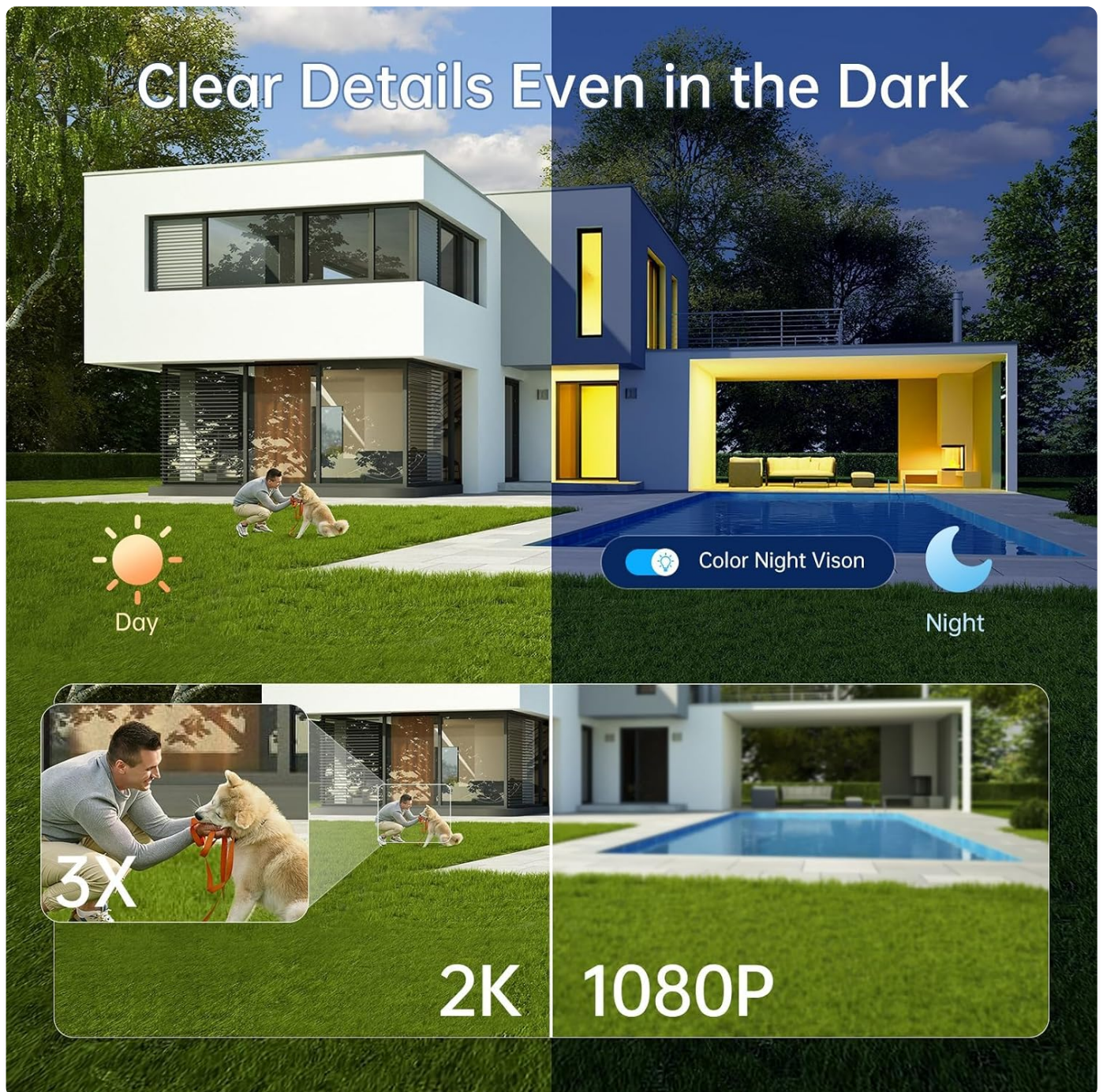


Image Description: A split image comparing daytime footage with color night vision footage from the SYMYNELEC camera, demonstrating its ability to capture clear details in the dark.

Superior Night Vision

Experience the unparalleled clarity of 2K superior night vision, capturing every detail even in the darkest of nights, for a heightened sense of security.



Image Description: A graphic highlighting the Superior Night Vision feature of the SYMYNELEC camera, showing a comparison between Infrared Mode and Color Mode at night, ensuring clear visibility.

6.4 Two-Way Audio

- Use the two-way audio feature in the app to communicate with visitors or deter unwanted guests.

Two-Way Audio

Experience seamless communication and enhance child safety with our Two-Way Audio feature, ensuring clear conversations and remote monitoring for effortless protection.



Image Description: A graphic demonstrating the Two-Way Audio feature, showing a person communicating through the app with someone in the camera's view, enhancing child safety and remote monitoring.

6.5 Storage Options

- **TF Card Storage:** Insert a TF card (up to 256GB, not included) into the camera for local event recording. Note that loop recording is not supported.
- **Cloud Storage:** Utilize Symynelec's cloud backup service via AWS for secure video storage and playback. A 7-day trial is available, with subscription options thereafter.



Image Description: A graphic illustrating the Cloud Storage (7-day trial) and TF Card Storage (max 256g, not included) options for SYMYNELEC cameras, showing how events are recorded and can be viewed.

7. MAINTENANCE

- **Solar Panel Cleaning:** Regularly clean the solar panel surface to ensure maximum sunlight absorption and efficient charging.
- **Battery Monitoring:** Keep an eye on the battery level via the app and recharge if necessary, especially during prolonged periods of low sunlight.
- **Firmware Updates:** Check the app regularly for firmware updates to ensure optimal performance and security.
- **Lens Cleaning:** Gently clean the camera lens with a soft, dry cloth to maintain clear image quality.

8. TROUBLESHOOTING

- **Connectivity Issues:** Ensure your camera is within range of a 2.4GHz Wi-Fi network. Restart your router and camera if connection problems persist.
- **No Recording/Playback:** Verify that a TF card is properly inserted and formatted, or that your cloud storage subscription is active. Check recording settings in the app.
- **False Alarms:** Adjust the PIR sensitivity settings in the app. Enable AI Human Body Filtering to reduce alerts from non-human movements.
- **Poor Night Vision:** Ensure the camera lens is clean and there are no obstructions blocking the view. Check if the night vision mode is correctly set in the app.
- **Battery Draining Quickly:** Ensure the solar panel is receiving adequate direct sunlight. Reduce the frequency of motion detection events or live view access if possible.

9. SPECIFICATIONS

Feature	Detail
Model Number	L1P-Solar-2.4GHz-4PCS
Video Capture Resolution	2K (1440p)

Power Source	Solar Powered, 5200mAh Battery
Connectivity Technology	2.4GHz Wi-Fi Only (5GHz not supported)
Indoor/Outdoor Usage	Indoor, Outdoor
Water Resistance Level	IP65
Night Vision Range	Up to 33 Feet
Viewing Angle	100 Degrees
Storage Options	TF Card (up to 256GB, not included), Cloud Backup
Special Features	2-Way Audio, Built-In Light, HD Resolution, Night Vision, Weather Proof, AI Motion Detection
Compatible Devices	Android, iOS, Amazon Alexa, Google Assistant
Item Dimensions L x W x H	6.41 x 5.56 x 6.19 inches
Item Weight	15 ounces

10. WARRANTY AND SUPPORT

Your SYMYNELEC Solar Security Camera System comes with a one-year replacement warranty and 24/7 technical support. For any installation assistance or inquiries, please contact our customer support team. We are dedicated to ensuring your satisfaction.





Professional Live Chat Service



Quick response



Step by step guide



Lifetime support

Image Description: A graphic depicting a professional live chat service with customer support representatives, highlighting quick response, step-by-step guides, and lifetime support for SYMYNELEC products.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question