DEKCO DC9L

DEKCO DC9Lplus Solar Security Camera User Manual

Model: DC9L

Brand: DEKCO

1. Product Overview

The DEKCO DC9Lplus Solar Security Camera is an advanced outdoor surveillance solution designed for comprehensive property monitoring. It features true 2K QHD resolution, panoramic pan-tilt-zoom capabilities, auto motion tracking, full-color night vision, and two-way audio communication. Powered by solar energy, this camera offers flexible, wire-free installation and robust weather protection.



Figure 1: DEKCO DC9Lplus Solar Security Camera

2. Key Features

- **360 Degree Coverage:** Panoramic Pan Tilt Zoom (PTZ) eliminates blind spots, allowing for remote adjustment of the camera's viewing angle.
- **Auto Motion Tracking:** Automatically follows detected motion to record detailed video of moving subjects.
- **True 2K QHD Vision:** Captures crystal-clear faces and license plates with upgraded 2K resolution.
- **Full Color Night Vision:** Integrated spotlights provide vibrant and clear night vision, enhancing object recognition.
- **Integrated Smart Alarm:** Features smart spotlights and a powerful siren to deter intruders.
- **Wireless Flexibility & Solar Powered:** Offers wire-free installation and continuous power with a built-in battery and solar panel.
- **Designed for Extremes (IP65):** Weatherproof construction ensures consistent protection in various weather conditions.
- **2-Way Talk:** Enables real-time communication through the camera, including a voice-changing feature for added security.
- **Real-Time Notification Quickview:** Provides instant snapshot notifications via the DEKCO App.
- **Connected Family Security:** Allows easy sharing of camera access with family members.

3. Setup Guide

3.1 Package Contents

Before beginning installation, ensure all components are present:

- DEKCO DC9Lplus Camera Unit
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

3.2 Charging the Camera

Fully charge the camera's built-in battery using the provided USB cable before initial use. This ensures optimal performance and allows the solar panel to maintain charge effectively.

3.3 App Installation and Account Setup

1. Download the **DEKCO App** from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.
3. Follow the on-screen prompts to add your new DEKCO DC9Lplus camera. The app will guide you through connecting the camera to your 2.4GHz Wi-Fi network via Bluetooth for quick pairing.



Figure 2: Easy setup via DEKCO App

3.4 Mounting the Camera

Choose a location with ample sunlight exposure for the solar panel and a clear view of the area you wish to monitor. The camera is designed for wall mounting.

1. Secure the mounting bracket to a sturdy surface using the provided screws.
2. Attach the camera unit to the mounting bracket.
3. Position the solar panel to receive maximum direct sunlight throughout the day. The flexible cable allows for

optimal placement of the solar panel relative to the camera.



Figure 3: Wire-free flexible installation with solar panel

4. Operating Instructions

4.1 Live View and Playback

Access the DEKCO App to view live footage from your camera. You can also review recorded events and playback specific moments from the timeline.

Your browser does not support the video tag.

Video 1: Official DEKCO Solar Security Camera overview, demonstrating key features and functionality.

4.2 Pan-Tilt-Zoom (PTZ) Control

Utilize the PTZ controls within the DEKCO App to remotely adjust the camera's horizontal (360°) and vertical (90°) viewing angles. This allows for comprehensive coverage without physical repositioning.



Figure 4: 360-degree full coverage with PTZ functionality.

4.3 Auto Motion Tracking

Enable auto motion tracking in the app settings. The camera will then automatically follow and record any detected movement within its field of view, ensuring no critical events are missed.



Figure 5: Camera demonstrating auto motion tracking of a person.

4.4 Two-Way Audio Communication

Use the two-way talk feature in the DEKCO App to communicate with visitors or deter unwanted guests. The integrated voice-changing feature can be activated for enhanced privacy and security.

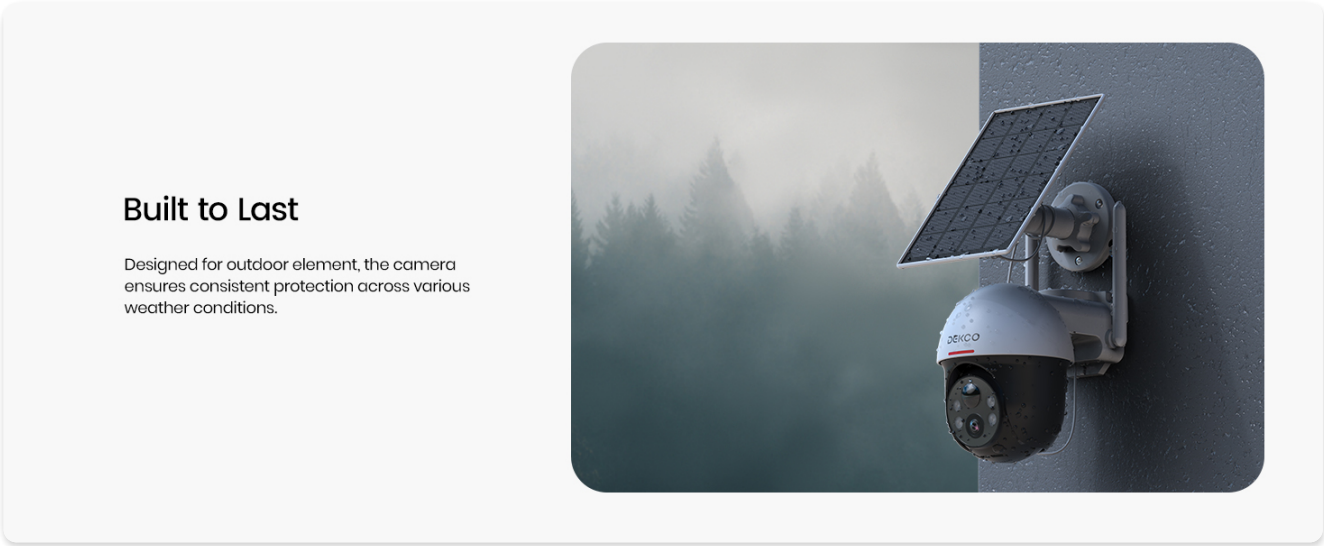


Figure 6: Two-way talk functionality in use.

4.5 Night Vision and Spotlight

The camera automatically switches to night vision in low-light conditions. The four integrated LEDs provide full-color night vision, illuminating the area for clear monitoring. The smart spotlight can also be manually activated or set to trigger upon motion detection.

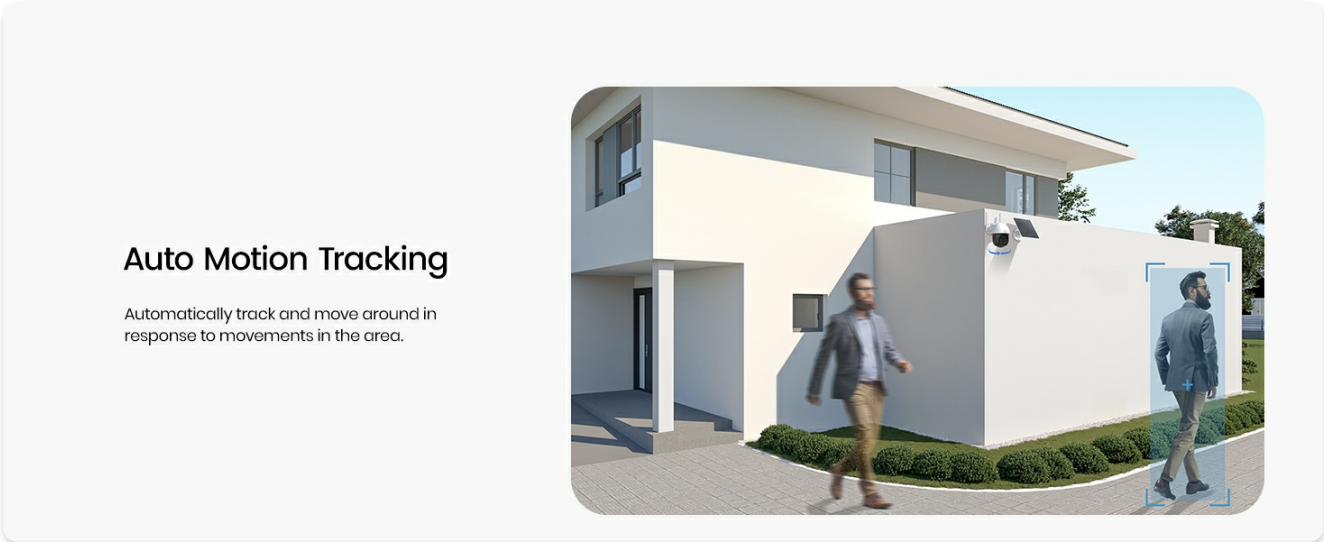


Figure 7: Enhanced night vision with 4 LEDs for improved clarity.

4.6 Smart Alarm and Siren

Configure the smart alarm to activate the siren and flashing lights when motion is detected, providing an effective deterrent against unauthorized access.

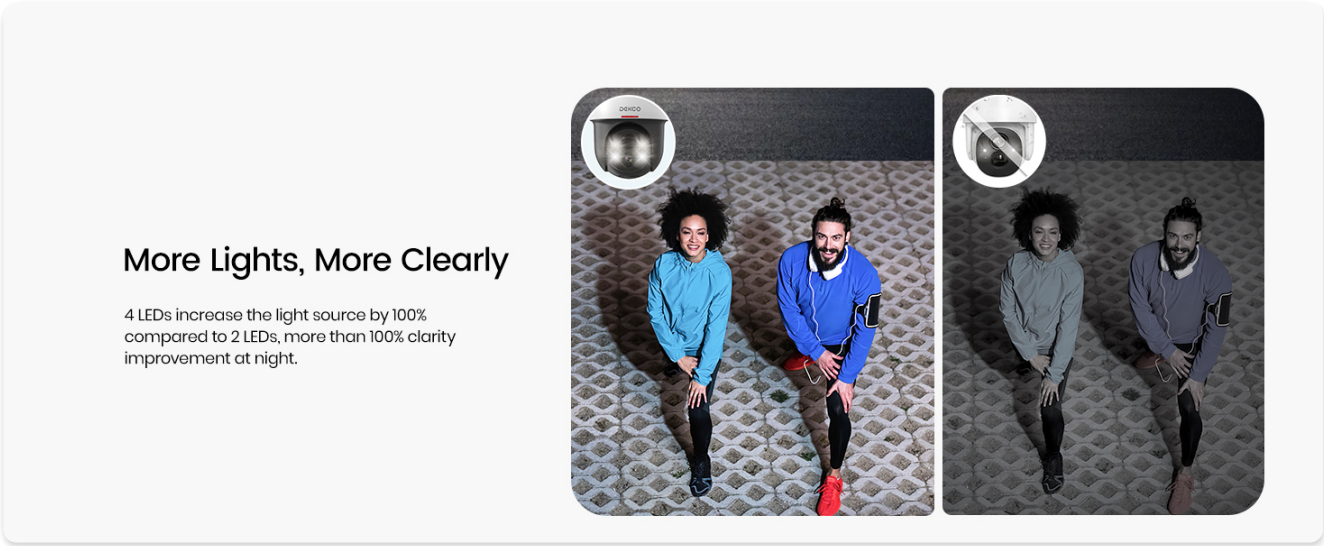


Figure 8: Automatic defense with light and siren to deter intruders.

5. Maintenance

5.1 Solar Panel Efficiency

Ensure the solar panel remains clean and free from obstructions (e.g., leaves, dirt) to maximize sunlight absorption. Regular cleaning will help maintain continuous power to the camera.

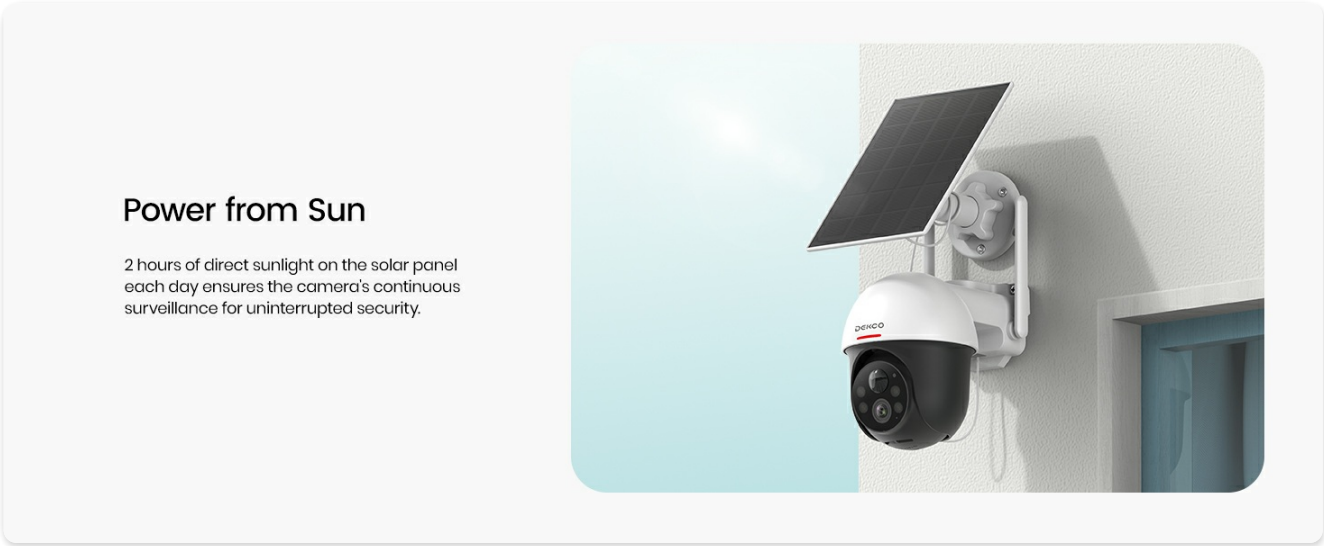


Figure 9: Solar panel providing continuous power to the camera.

5.2 Weather Resistance

The camera is IP65 weatherproof, designed to withstand rain, snow, and other outdoor elements. Periodically check the mounting for stability, especially after severe weather conditions.

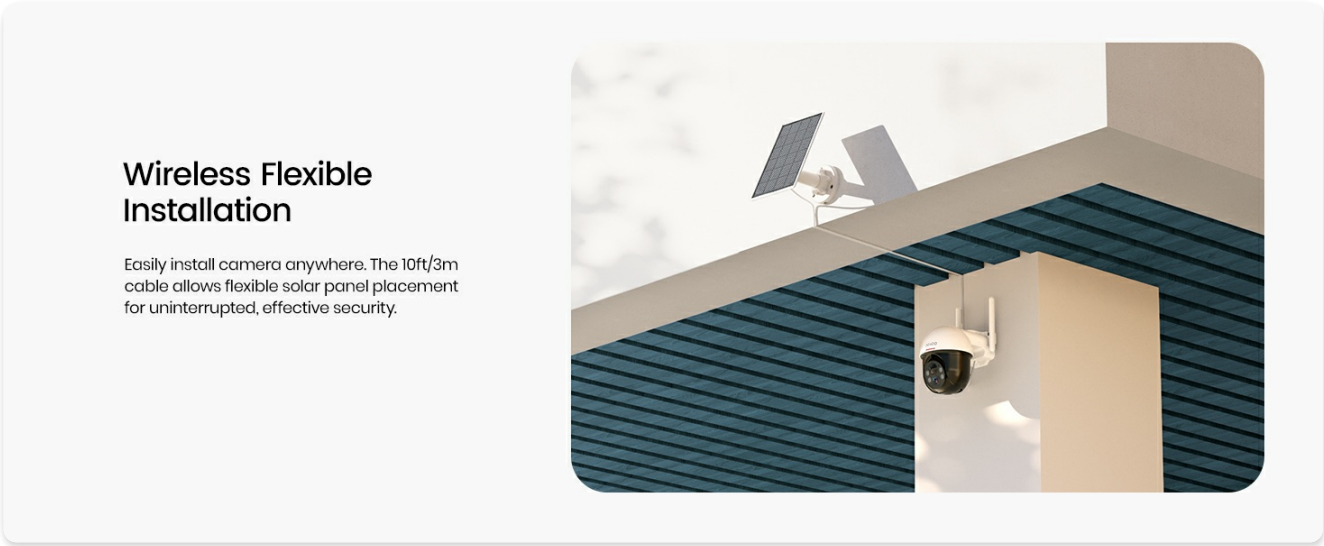


Figure 10: Camera built to last and withstand various weather conditions.

5.3 Storage Management

The camera supports 8-128GB Micro SD cards (not included) for local storage. Cloud storage options are also available, often with a free trial. Manage your storage preferences and review recorded footage through the DEKCO App.

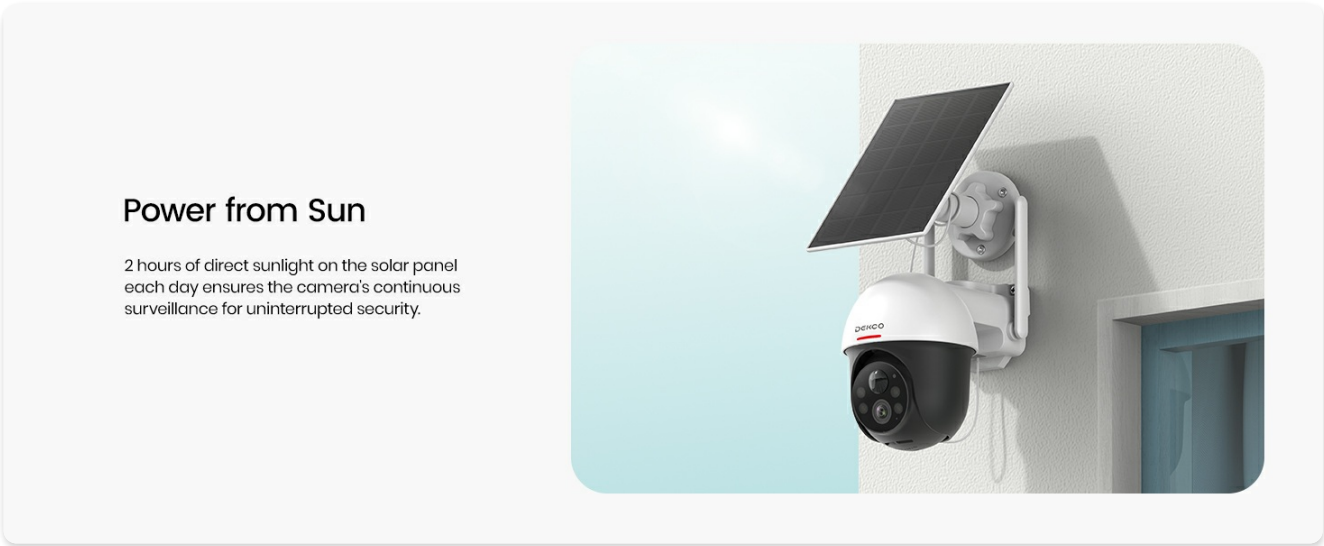


Figure 11: Local and cloud encryption storage options.

6. Troubleshooting

6.1 Connectivity Issues

- Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.
- Check the distance between the camera and your Wi-Fi router. If too far, consider a Wi-Fi extender.
- Restart your router and the camera.

6.2 Power Issues

- Verify the solar panel is receiving direct sunlight for at least a few hours daily.
- Clean the solar panel surface regularly to remove dirt or debris.
- If the battery is consistently low, manually charge the camera using the USB cable.

6.3 Motion Detection Not Working

- Check motion detection settings in the DEKCO App to ensure it's enabled and sensitivity is adjusted correctly.
- Ensure there are no physical obstructions blocking the camera's view.

For further assistance, refer to the DEKCO App's help section or contact DEKCO customer support.

7. Specifications

Feature	Specification
Model Number	DC9L
Video Capture Resolution	2K QHD (3 MP Effective Still Resolution)
Connectivity Technology	Wireless (Wi-Fi)
Power Source	Solar Powered (34 Watt Hours Battery)
Viewing Angle	360 Degrees (Pan/Tilt)
Weather Resistance	IP65 Waterproof
Storage Type	Micro SD (up to 128GB), Cloud Storage
Compatible Devices	Alexa, Google Assistant, Tablet, Smartphone (iOS, Android)
Item Dimensions (L x W x H)	8.66 x 6.3 x 5.31 inches
Item Weight	2.07 pounds

8. Warranty and Support

For warranty information and detailed support, please visit the official DEKCO website or contact DEKCO customer service directly. You can also find additional resources and FAQs within the DEKCO App.
DEKCO Store: https://www.amazon.com/stores/DEKCO_LIFE/page/AAD9C23E-3FC3-42AE-8A73-3A496874BDD4

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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.

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