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› DEKCO 2K Solar Security Camera DC9L User Manual

DEKCO DC9L

DEKCO 2K Solar Security Camera DC9L User Manual

Model: DC9L

1. INTRODUCTION

Thank you for choosing the DEKCO 2K Solar Security Camera DC9L. This wireless outdoor camera provides comprehensive home surveillance with its 360-degree rotating pan-tilt functionality, 2K resolution, and solar-powered design. Equipped with a spotlight, sound alarm, night vision, motion detection, and two-way talk, it offers robust security features. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.



2. PRODUCT FEATURES

- **Solar Powered & Wire-Free:** The integrated solar panel charges the camera with direct sunlight, providing continuous power. It also includes an internal battery for extended backup, ensuring 365 days of non-stop operation.
- **360° Pan & Tilt:** Offers a full 360-degree field of view, allowing you to monitor a wide area without blind spots.
- **Real 2K & Enhanced Night Vision:** Delivers 2K HD picture quality for clear details day and night. Upgraded infrared LEDs provide night vision up to 66ft, with full-color night vision available in ambient light.
- **Automatic Defense:** Features a strobe light, integrated spotlight, and built-in siren that activate upon intruder detection to deter unwanted visitors.
- **Advanced Motion Detection & 2-Way Audio:** Receive instant notifications when motion is detected. The camera supports advanced smart AI character detection to reduce false alarms. Communicate with visitors or deter intruders using the superior two-way audio feature.
- **Secure Storage & Weather-resistant:** IP65 certified for outdoor use, withstanding various weather conditions. Supports 8-128GB micro SD card (not included) and offers free 7-day trial cloud storage with encrypted video.

No Blind Spots



Image: The camera's 360-degree pan and 90-degree tilt capabilities, illustrating full coverage.

More Bright, More Clear

4 LEDs for Sharp Night Vision

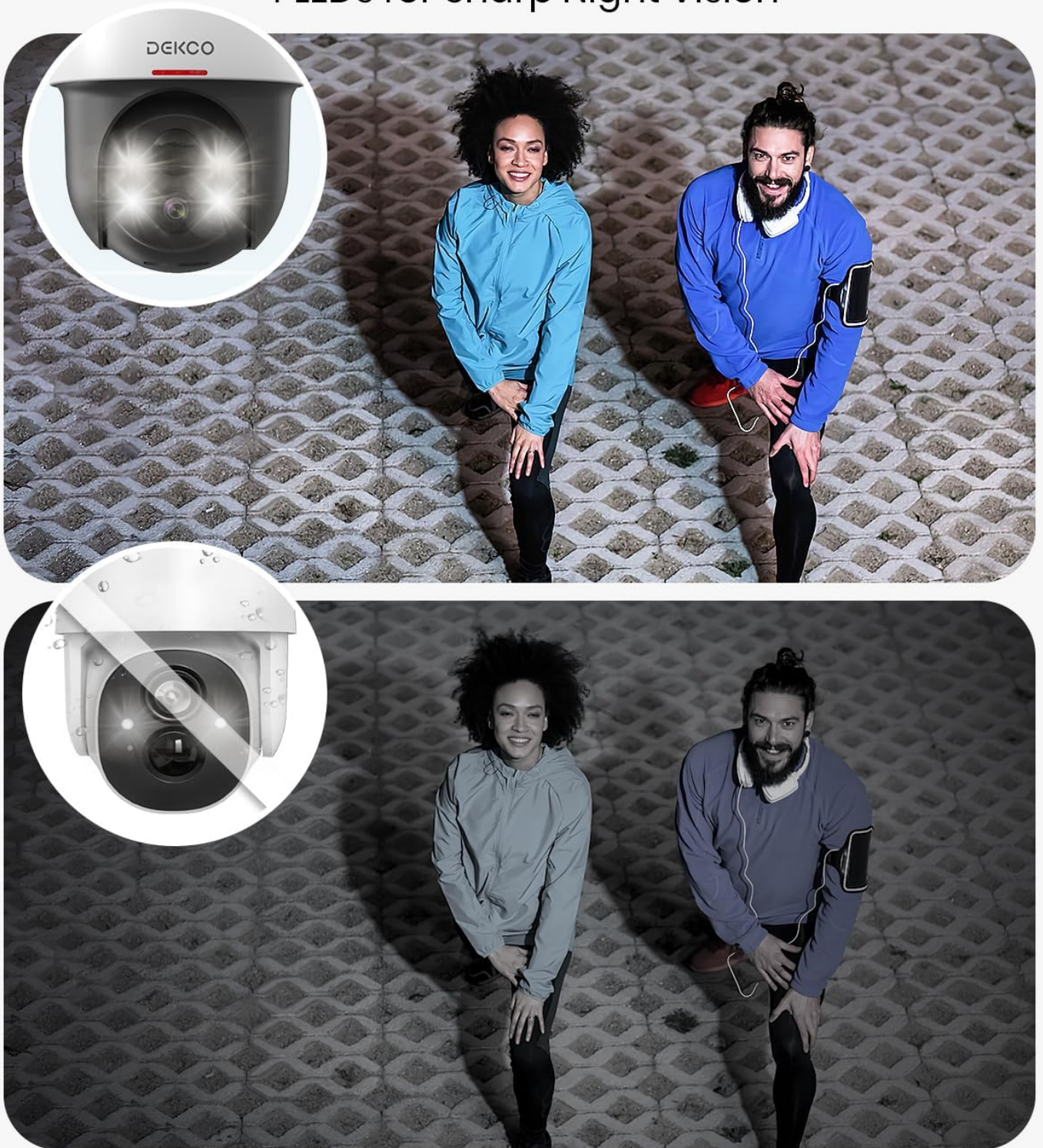


Image: A person walking past the camera, illustrating its automatic motion tracking feature.

Automatic Motion Tracking



Image: A comparison showing enhanced night vision with 4 LEDs for clearer images in low light.

3. PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact customer support.

- DEKCO 2K Solar Security Camera DC9L (1 unit)

- Solar Panel (integrated or separate, depending on model variant)
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual
- Batteries (pre-installed or included)

4. SETUP GUIDE

Follow these steps to set up your DEKCO Solar Security Camera.

4.1 Initial Charging and Power On

Before installation, ensure the camera's internal battery is sufficiently charged. Connect the camera to a power source using the provided USB cable. The camera is primarily solar-powered, but an initial charge is recommended for first-time use.

4.2 App Installation and Account Creation

1. Download the recommended mobile application (e.g., 'CloudEdge' or 'DEKCO Life' app) from your smartphone's app store (iOS App Store or Google Play Store).
2. Register for a new account or log in if you already have one.

4.3 Camera Pairing and Wi-Fi Connection

The camera requires a 2.4GHz Wi-Fi network for connectivity. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network during the pairing process.

1. Open the app and select 'Add Device' or the '+' icon.
2. Follow the on-screen prompts to select your camera model.
3. Power on the camera and wait for the indicator light to flash, indicating it's ready for pairing.
4. Scan the QR code displayed on your phone screen with the camera lens, or follow alternative pairing methods if prompted.
5. Enter your 2.4GHz Wi-Fi network password when prompted. Ensure there are no auto-capitalization issues with your password (e.g., if your password starts with a lowercase letter, manually verify it's entered correctly).
6. Once connected, the camera will confirm successful pairing, and its indicator light will change.

4.4 Mounting the Camera

The camera is designed for wall mounting. Choose a location with optimal sunlight exposure for the solar panel and a strong 2.4GHz Wi-Fi signal.

1. Mark the drilling points using the mounting bracket as a template.
2. Drill holes and insert wall anchors if necessary.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the mounting bracket, ensuring it is firmly in place.
5. Adjust the angle of the solar panel to maximize direct sunlight exposure throughout the day.

Wire-Free Flexible Installation



Built-in
Battery



Flexible
Solar Panel



Image: The camera mounted on a wall, showcasing its wire-free and flexible installation due to the solar panel and built-in battery.

Video: An official overview of the DEKCO Solar Security Camera DC9L, demonstrating its features and general setup process.

5. OPERATING INSTRUCTIONS

Learn how to utilize the various functions of your DEKCO camera.

5.1 Live View and Pan/Tilt Control

Open the app and select your camera to access the live view. Use the on-screen controls to pan (rotate horizontally 360 degrees) and tilt (adjust vertically 90 degrees) the camera lens to monitor different areas.

5.2 Motion Detection and Alerts

The camera features advanced motion detection with AI character detection to minimize false alarms. You can customize detection sensitivity within the app. When motion is detected, you will receive instant notifications on your smartphone.

5.3 Two-Way Audio

From the live view, tap the microphone icon to enable two-way audio. You can speak through the camera's speaker and hear audio from the camera's vicinity.

5.4 Night Vision and Spotlight

The camera automatically switches to night vision in low-light conditions. It uses upgraded infrared LEDs for clear black-and-white night vision up to 66 feet. If there is sufficient ambient light, it can provide full-color night vision. The integrated spotlight can be manually activated or set to trigger upon motion detection.

5.5 Digital Zoom

While in live view or reviewing recorded footage, you can use a pinch-to-zoom gesture on your smartphone screen to digitally zoom up to 4x for closer inspection of details.

See Every Detail in 2K



6X
Digital Zoom

Image: A detailed view of a license plate, demonstrating the 2K resolution and 6x digital zoom capability.

5.6 Recording and Storage

The camera supports local storage via a micro SD card (8-128GB, not included) and cloud storage. All videos are encrypted for security.

- **Micro SD Card:** Insert a formatted micro SD card into the designated slot on the camera. Recordings will be saved locally.

- **Cloud Storage:** A free 7-day trial of cloud storage is available. You can subscribe to a cloud plan for extended storage options.
- **Playback:** Access recorded footage through the app's playback feature, allowing you to review events by date and time.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your camera.

- **Cleaning:** Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris. Avoid abrasive cleaners that could scratch the surfaces.
- **Solar Panel Efficiency:** Ensure the solar panel is free from obstructions (e.g., leaves, snow, bird droppings) that could block sunlight and reduce charging efficiency.
- **Battery Life:** The camera's average battery life is approximately 152.2 days without solar charging. With adequate sunlight, it should maintain charge continuously. If the camera is in a shaded area or experiences prolonged periods of low light, occasional manual charging via USB may be required.
- **Weather Resistance:** The camera is IP65/IP66 rated, meaning it is protected against dust and water jets. While designed for outdoor use, avoid submerging it in water or exposing it to extreme weather conditions beyond its rating.

7. TROUBLESHOOTING

If you encounter issues with your DEKCO camera, refer to the following common solutions.

- **Camera Not Connecting to Wi-Fi:**
 - Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.
 - Verify the Wi-Fi password is entered correctly. Be mindful of auto-capitalization on your phone, especially if your password starts with a lowercase letter.
 - Move the camera closer to the Wi-Fi router during setup to ensure a strong signal.
 - Reset the camera (refer to the app or quick start guide for reset button location) and attempt pairing again.
- **Poor Image Quality / Blurry Lens:**
 - Clean the camera lens regularly with a soft, lint-free cloth.
 - Ensure there are no obstructions in front of the lens.
 - Check your Wi-Fi signal strength; a weak signal can affect streaming quality.
- **Battery Not Charging / Low Battery:**
 - Ensure the solar panel is receiving direct sunlight for at least 2 hours daily.
 - Clean the solar panel surface to remove any dirt or debris.
 - If prolonged cloudy weather or low light conditions persist, manually charge the camera using the USB cable.
- **Motion Alerts Not Received:**
 - Check the motion detection settings in the app to ensure it's enabled and sensitivity is adjusted appropriately.
 - Verify that app notifications are enabled on your smartphone.
 - Ensure the camera has a stable internet connection.

8. SPECIFICATIONS

Feature	Specification
Model Name	DC9L
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered, Battery Powered
Connectivity Protocol	Wi-Fi (2.4GHz)
Controller Type	App
Mounting Type	Wall Mount
Video Capture Resolution	2K
Viewing Angle	360 Degrees (Pan), 90 Degrees (Tilt)
Night Vision Range	66 Feet
Voltage	5 Volts (DC)
Wattage	3 watts
Item Dimensions (L x W x H)	3.63 x 5.12 x 7.28 inches
Water Resistance Level	IP65/IP66
Item Weight	2 Pounds
Battery Power	9600 Milliamp Hours
Average Battery Life	152.2 days
Digital Zoom	4X
Included Components	Detector, Light, Batteries

9. WARRANTY AND SUPPORT

DEKCO provides a **1 Year Warranty** for this product. For any technical assistance, warranty claims, or product inquiries, please contact DEKCO customer support through the official channels provided in your product packaging or on the DEKCO website.

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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