

DEKCO DC9E

DEKCO DC9E Solar Security Camera

USER MANUAL

Introduction

This user manual provides comprehensive instructions for the DEKCO DC9E Solar Security Camera. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The DEKCO DC9E is a wireless outdoor security camera featuring 2K resolution, night vision with spotlight, 360° pan and tilt view, 2.4Ghz WiFi connectivity, two-way audio, and advanced human detection capabilities. It is designed for reliable video surveillance with flexible storage options.

Product Overview

The DEKCO DC9E Solar Security Camera is a robust surveillance solution powered by a solar panel, ensuring continuous operation without the need for frequent battery recharges. Its design allows for versatile outdoor placement, providing comprehensive coverage and smart monitoring features.



Figure 1: DEKCO DC9E Solar Security Camera with integrated solar panel.

Key Features:

- **Flawless 2K Footage:** Records crisp video quality with stunning color night vision enabled by powerful spotlights.
- **360° Field of View:** Pan 355° horizontally and tilt 90° vertically for comprehensive area coverage.
- **Smart Human Detection:** Built-in Humanoid & PIR motion sensor for accurate alerts and reduced false alarms.
- **Two-Way Audio:** Communicate with visitors or deter intruders in real-time.
- **Easy Setup & Weatherproof:** 100% wireless installation and IP65 weatherproof rating for all-season outdoor use.
- **No Monthly Fees:** Operates with the free "Clouddedge" app, supporting local SD card storage.

Setup

1. Physical Installation

The DEKCO DC9E camera offers both wall and ceiling mounting options. Choose a location that provides optimal sunlight exposure for the solar panel and a strong 2.4Ghz Wi-Fi signal. Ensure the camera has a clear line of sight to the area you wish to monitor.

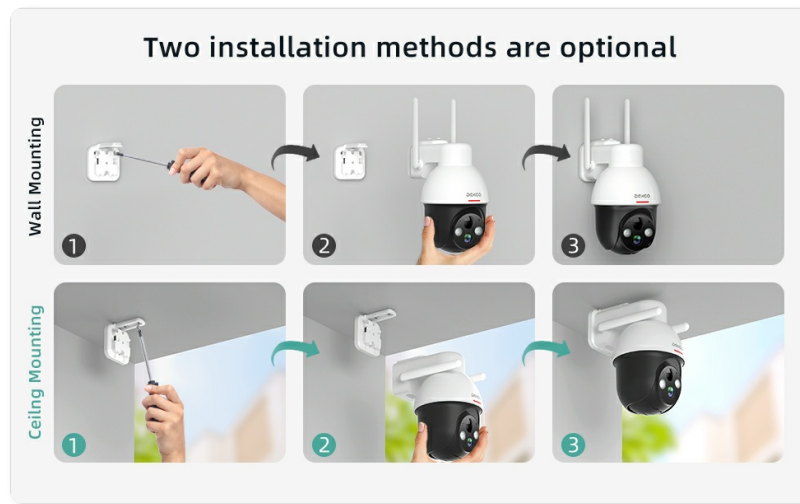


Figure 2: Wall Mounting and Ceiling Mounting methods.

2. App Setup and Wi-Fi Connection

Download the "Cloudedge" app from your smartphone's app store. Follow the in-app instructions to pair your camera. Ensure your Wi-Fi network is 2.4Ghz, as the camera does not support 5Ghz networks. The app will guide you through scanning a QR code with the camera to establish the connection.

Video 1: DEKCO Solar Camera DC9E Installation and WiFi Set Up. This video demonstrates the step-by-step process for installing the camera and connecting it to your home Wi-Fi network using the Cloudedge app.

Operating Instructions

1. Live View and Pan/Tilt Control

Access the live feed through the Cloudedge app. Use the on-screen controls to remotely pan the camera 355° horizontally and tilt it 90° vertically, allowing you to monitor a wide area from your smartphone.



Figure 3: 360° Field of View with Pan & Tilt functionality.

Video 2: Camera Pan/Tilt Control. This short video demonstrates the responsiveness of the camera's pan and tilt functions via the mobile application.

2. Night Vision Modes

The camera supports multiple night vision modes. It can capture clear 2K footage in low light conditions. The built-in spotlights enable full-color night vision, providing enhanced detail and clarity compared to traditional infrared black and white night vision.

2K Ultra-clear Day & Night



Figure 4: 2K Ultra-clear Day & Night Vision comparison.

3. Smart Human Detection and Alerts

The camera utilizes advanced PIR and Humanoid detection technology to accurately identify human shapes, minimizing false alerts from pets or swaying branches. When motion is detected, you will receive instant notifications on your smartphone.



Figure 5: Smart Human Detection in action.

4. Two-Way Audio Communication

Engage in real-time conversations with visitors or deliver warnings to unwanted individuals using the camera's built-in microphone and speaker. This feature enhances security and convenience.

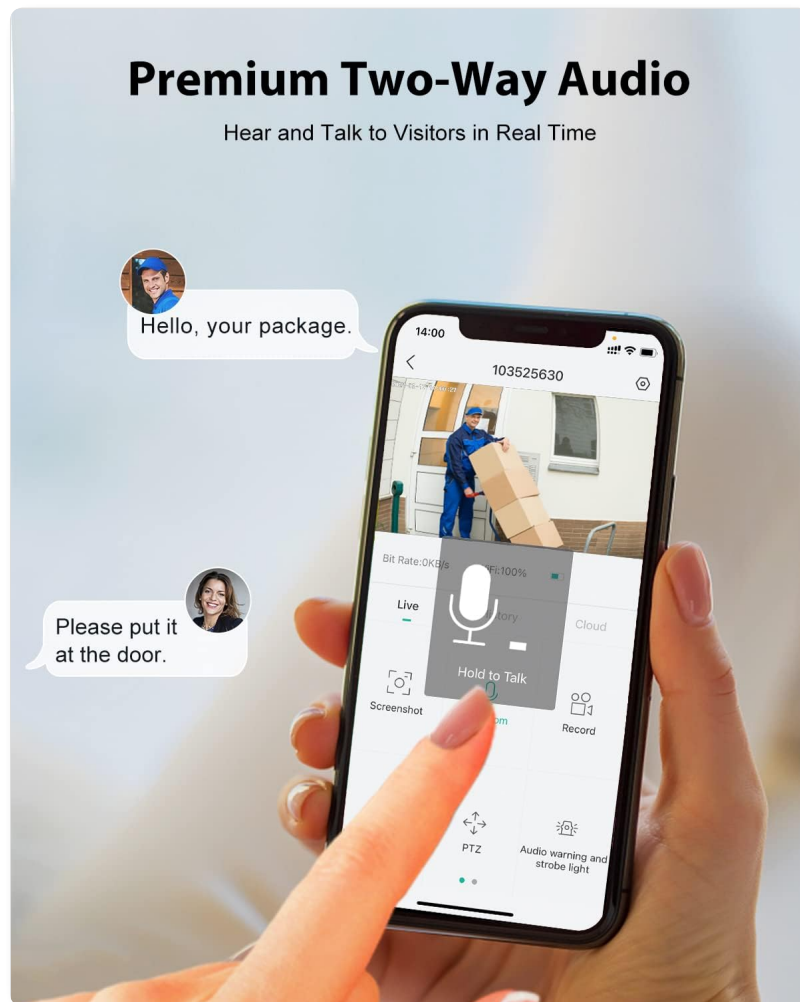


Figure 6: Premium Two-Way Audio interface.

5. Video Storage Options

The DEKCO DC9E supports both cloud storage (optional, no monthly fees required for basic functionality) and local storage via an SD card (not included). For continuous recording and event history, an SD card is recommended.



Figure 7: SD card slot for local storage.

Maintenance

The DEKCO DC9E camera is designed for minimal maintenance. Regularly check the solar panel for any obstructions (e.g., dirt, leaves) that might reduce charging efficiency. Clean the camera lens periodically with a soft,

dry cloth to ensure clear image quality.

Weather Resistance

The camera is IP65 weatherproof, meaning it is protected against dust and water jets. It is designed to operate effectively in various weather conditions, from -10°C (14°F) to 55°C (131°F).

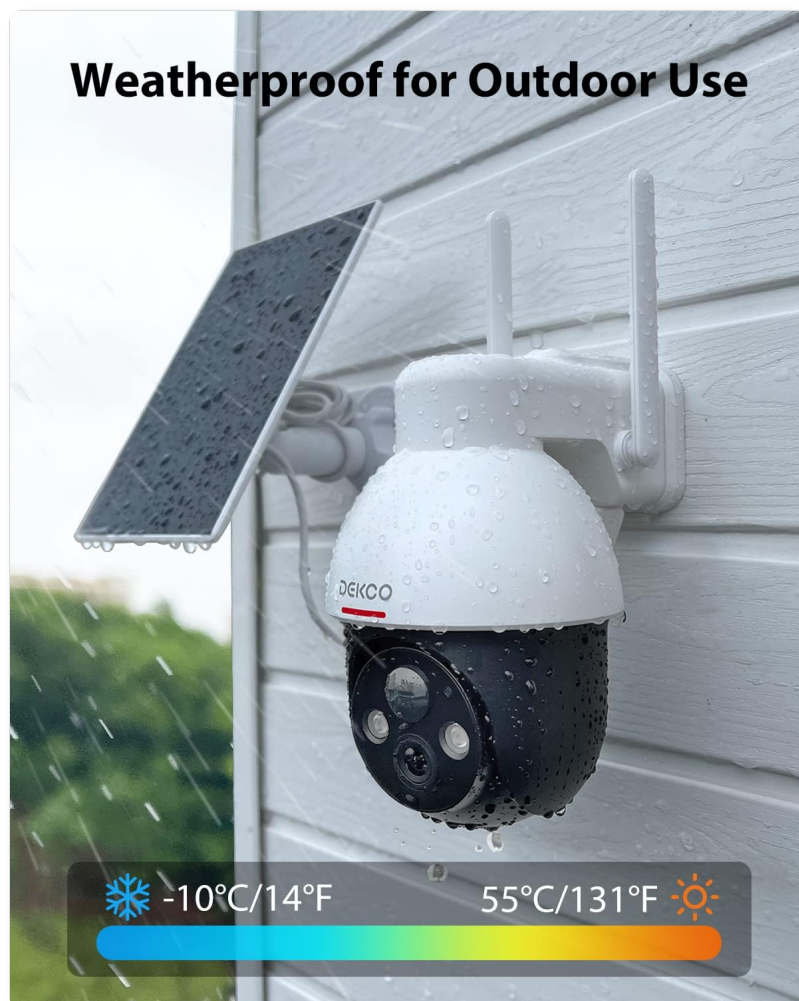


Figure 8: Weatherproof design for outdoor use.

Battery Charging

The integrated solar panel continuously charges the camera's lithium-ion battery. For optimal performance, ensure the solar panel receives direct sunlight for several hours daily. In periods of prolonged low light or heavy usage, the camera can also be charged via its USB port.



Figure 9: Wireless security with rechargeable battery and solar panel.

Troubleshooting

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi is 2.4Ghz. Check Wi-Fi signal strength at the camera's location. Verify the Wi-Fi password is entered correctly in the app.
- **Poor image quality:** Clean the camera lens. Ensure there are no obstructions in the camera's field of view. Check your internet connection speed.
- **Battery not charging:** Ensure the solar panel is clean and receives adequate direct sunlight. Reposition the solar panel if necessary.
- **Frequent false alerts:** Adjust the motion detection sensitivity settings in the Cloudedge app. Utilize the human detection feature to filter out non-human movements.
- **Two-way audio issues:** Check the volume settings on your smartphone and within the app. Ensure there is no excessive background noise interfering with communication.

Specifications

Feature	Specification
Model Name	DC9E Solar Camera
Video Capture Resolution	2K
Effective Video Resolution	5 MP

Feature	Specification
Field Of View	360 Degrees (Pan 355°, Tilt 90°)
Night Vision Range	33 Feet
Connectivity Technology	Wireless (2.4Ghz Wi-Fi)
Power Source	Solar Powered, Battery Powered (Lithium Ion)
Indoor/Outdoor Usage	Outdoor
International Protection Rating	IP65
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Storage	Cloud / SD Card
Control Method	App (Cloudedge)
Item Weight	2.12 pounds

Warranty and Support

Warranty Information

The DEKCO DC9E Solar Security Camera comes with a **1 Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support

For further assistance, technical support, or warranty inquiries, please refer to the support section within the Cloudedge app or visit the official DEKCO website. Our customer service team is available to help with any questions or issues you may encounter.

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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