

DEKCO DC9E

DEKCO DC9E 2K Wireless Solar Outdoor Security Camera User Manual

Model: DC9E

1. INTRODUCTION

Thank you for choosing the DEKCO DC9E 2K Wireless Solar Outdoor Security Camera. This manual provides detailed instructions for the setup, operation, and maintenance of your new security camera. Please read this manual thoroughly before use to ensure proper installation and functionality. This camera is designed for outdoor security, offering 2K video resolution, 360° pan/tilt capabilities, color night vision, PIR motion detection, IP65 weather resistance, and two-way audio communication.

2. PRODUCT OVERVIEW

2.1 Package Contents

The DEKCO DC9E camera package includes the following items:

- DEKCO DC9E 2K Wireless Solar Outdoor Security Camera
- Solar Panel with mounting bracket
- Mounting screws and wall anchors
- USB charging cable
- User Manual
- Mounting template sticker
- "Protected by DEKCO" security sticker

Your browser does not support the video tag.

Video: Unboxing and initial setup of the DEKCO DC9E camera, showing all included components and the first steps of connecting to the app.

2.2 Key Features

- **2K Ultra-Clear Video:** Records and streams video in 2K resolution for sharp, detailed images.

- **360° Pan/Tilt Coverage:** Offers a 355° horizontal pan and 90° vertical tilt for comprehensive area monitoring.
- **Solar Powered & Wireless:** Equipped with a solar panel for continuous power and operates wirelessly via 2.4GHz Wi-Fi.
- **Color Night Vision:** Provides clear, full-color video even in low-light conditions, enhanced by built-in spotlights.
- **PIR Motion Detection:** Advanced human detection sensor reduces false alarms and sends instant alerts.
- **Two-Way Audio:** Allows real-time communication with visitors or intruders through the camera's built-in speaker and microphone.
- **IP65 Weatherproof:** Designed to withstand various outdoor weather conditions, including rain, sun, and snow.
- **Local & Cloud Storage:** Supports local storage via Micro SD card (up to 128GB, FAT32 format) and optional cloud storage services.

3. SETUP

3.1 App Installation and Camera Pairing

1. **Download the App:** Search for "CloudEdge" in your smartphone's app store (App Store for iOS or Google Play Store for Android) and download it.
2. **Register/Log In:** Open the CloudEdge app and create a new account or log in if you already have one.
3. **Add Device:** Tap the "Add Device" or "+" icon in the app. Select "Battery Camera" from the device list.
4. **Power On Camera:** Hold the device power button to start the camera. If the camera is asleep, press the button to wake it.
5. **Reset Camera:** Hold the RESET button on the camera for 4-5 seconds until you hear a prompt and see a flashing red indicator light. Tap "Next" in the app.
6. **Connect to Wi-Fi:** Select your 2.4GHz Wi-Fi network and enter the password. (Note: This device does not support 5GHz Wi-Fi networks).
7. **Scan QR Code:** The app will display a QR code. Position your phone 5-8 inches (15-25 cm) in front of the camera lens. The camera will emit a tone when the QR code is successfully scanned.
8. **Complete Pairing:** Follow the on-screen prompts in the app to complete the device connection and registration.

2K Ultra-clear Day & Night



2K HD

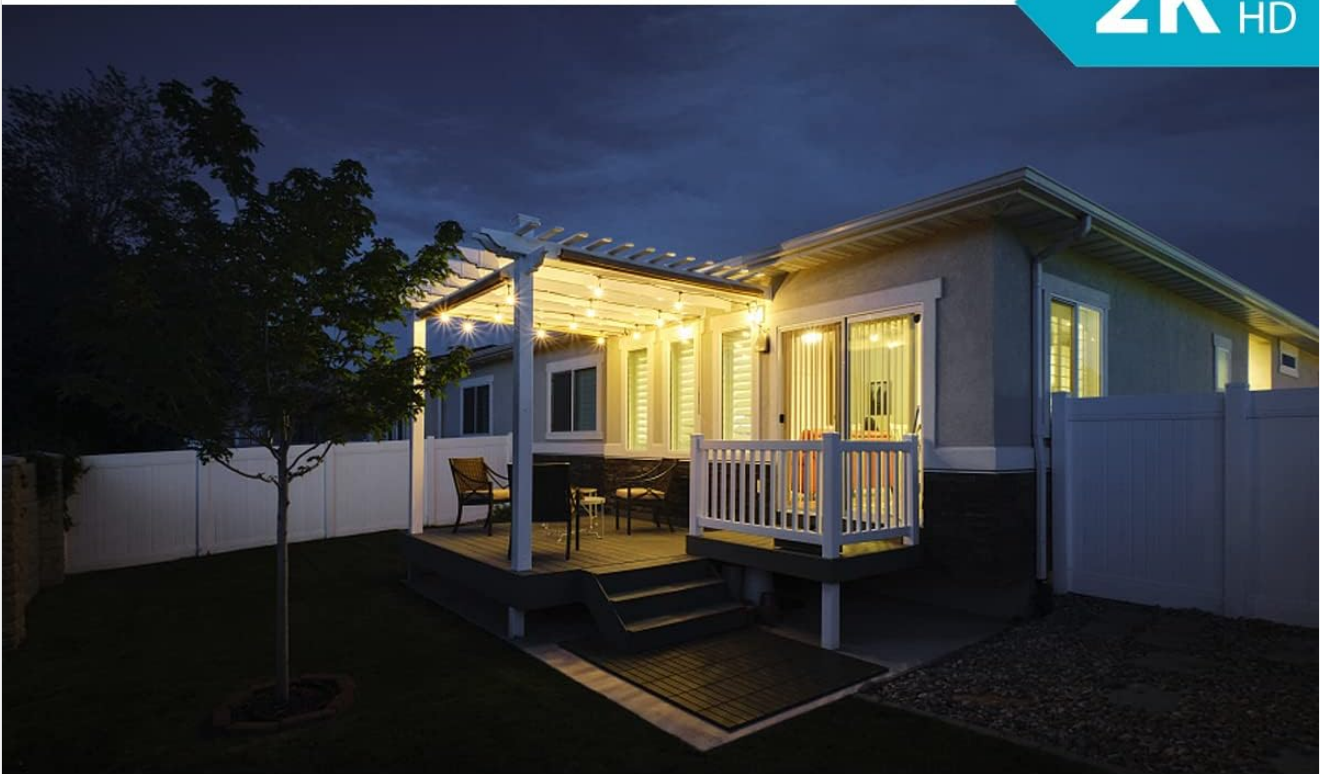


Image: The DEKCO DC9E camera with its solar panel, ready for installation.

3.2 Micro SD Card Installation

To enable local video recording, install a Micro SD card (not included) into the camera.

1. Locate the Micro SD card slot on the camera body. This is typically under a protective rubber cover.
2. Carefully insert the Micro SD card into the slot with the contacts facing the correct direction until it clicks into place.
3. Ensure the rubber cover is securely closed to maintain the camera's IP65 weather resistance.
4. Format the SD card within the CloudEdge app settings for optimal performance. The camera supports cards up to 128GB, formatted to FAT32.



Image: A hand inserting a Micro SD card into the designated slot on the DEKCO DC9E camera.

3.3 Physical Installation

Choose a suitable location for your camera and solar panel to ensure optimal performance and continuous charging.

1. **Camera Placement:** Install the camera 7-10 feet (approximately 2-3 meters) above the ground for optimal motion detection range and field of view. Ensure it has a clear line of sight to the area you wish to monitor.
2. **Solar Panel Placement:** Mount the solar panel in a location that receives direct sunlight for several hours each day to ensure consistent battery charging. The solar panel connects to the camera via a cable.
3. **Mounting the Camera:**
 - Use the provided mounting template sticker to mark the drill holes on the wall.
 - Drill holes at the marked positions.
 - Insert the wall anchors into the drilled holes.
 - Align the camera's mounting bracket with the holes and secure it with the provided screws.
 - Attach the camera to the mounted bracket.
4. **Mounting the Solar Panel:**
 - Mark drill holes for the solar panel bracket.
 - Drill holes and insert wall anchors.
 - Attach the solar panel bracket to the wall.
 - Secure the solar panel to its bracket and adjust its angle to maximize sun exposure.
 - Connect the solar panel cable to the camera's charging port.

360° Field of View

Pan & Tilt



Image: Illustration of the DEKCO DC9E camera's 360° field of view, demonstrating its pan and tilt capabilities.

DEKCO

Surveillance supérieure sans faille des images 2K

100 % sans fil et alimenté par l'énergie solaire

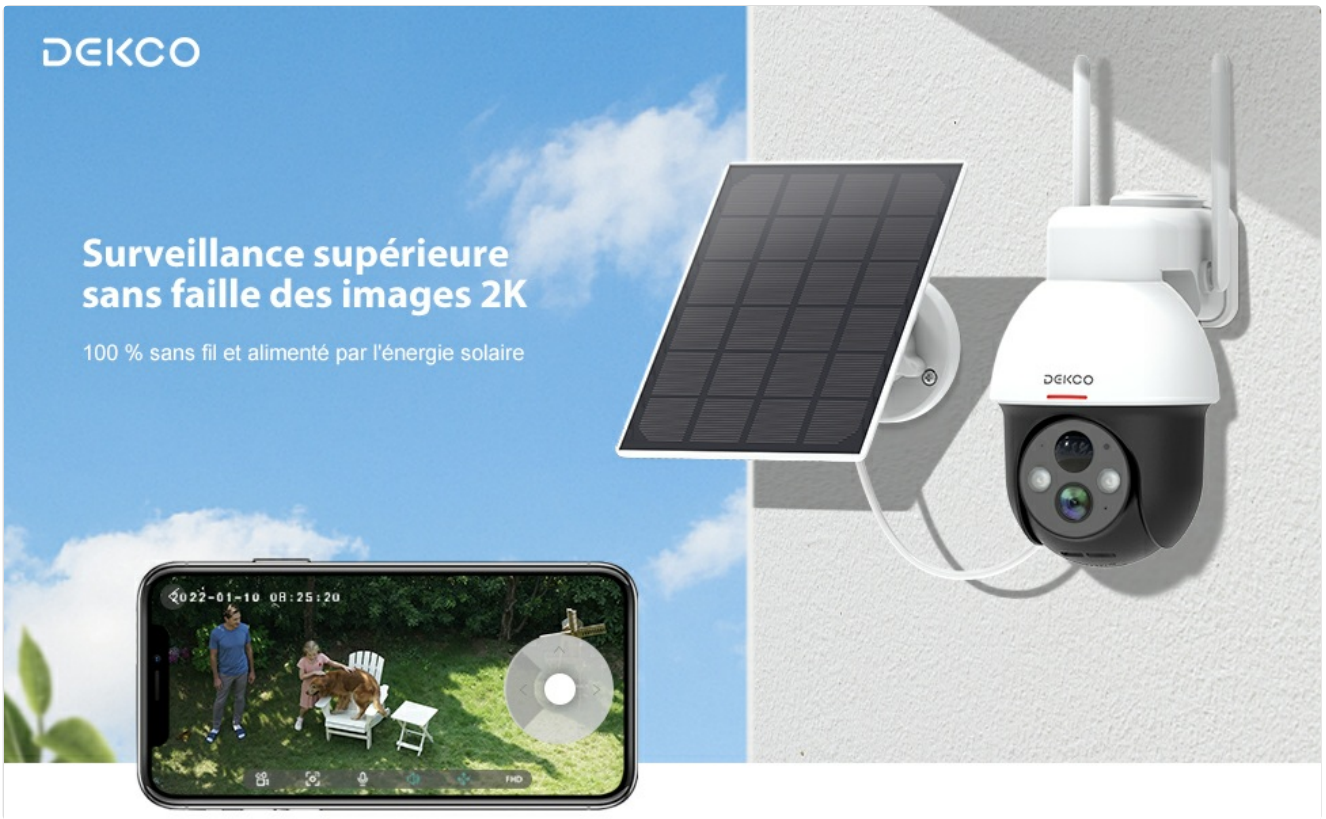


Image: The DEKCO DC9E camera and solar panel mounted on an exterior wall, illustrating a typical installation scenario.

4. OPERATION

4.1 Live View and Pan/Tilt Control

Access the live video feed from your camera through the CloudEdge app. You can remotely control the camera's viewing angle.

- Open the CloudEdge app and select your DEKCO DC9E camera.
- The live video feed will appear.
- Use the on-screen controls to pan (rotate horizontally up to 355°) and tilt (rotate vertically up to 90°) the camera lens to monitor different areas.

4.2 Two-Way Audio

The camera supports two-way audio, allowing you to listen and speak through the camera.

- While in live view, tap the microphone icon in the app to speak. Hold the button to transmit your voice.
- Release the button to listen.

Premium Two-Way Audio

Hear and Talk to Visitors in Real Time



Image: A smartphone screen showing the two-way audio function of the DEKCO DC9E camera, allowing real-time conversation.

4.3 Motion Detection and Alerts

The DEKCO DC9E camera features PIR (Passive Infrared) motion detection and intelligent human detection to minimize false alarms.

- **Enable Detection:** In the app settings, enable motion detection and adjust sensitivity levels as needed.
- **Human Detection:** Activate intelligent human detection to specifically identify human shapes, reducing alerts from pets or swaying branches.
- **Alerts:** Receive instant push notifications on your smartphone when motion is detected.

- **Alarm Function:** Configure the camera to trigger an audible siren and/or flashing spotlights upon detection to deter intruders.



Image: Illustration of the DEKCO DC9E camera's smart human detection feature, highlighting how it identifies human figures and sends alerts.

4.4 Night Vision Modes

The camera offers multiple night vision modes for clear surveillance in the dark.

- **Infrared Night Vision:** Provides black and white video in complete darkness using infrared LEDs.
- **Color Night Vision:** Utilizes built-in spotlights to illuminate the area, providing full-color video at night. This mode can be activated automatically upon motion detection or manually.



Image: Comparison of day and night vision capabilities of the DEKCO DC9E camera, showing clear 2K video in both conditions.

4.5 Recording and Storage

Recordings can be stored locally or in the cloud.

- **Micro SD Card:** Videos are automatically saved to the installed Micro SD card when motion is detected. You can review recordings through the app's playback feature.
- **Cloud Storage:** An optional cloud storage service is available through the CloudEdge app for secure off-site storage of your recordings.

5. MAINTENANCE

- **Clean the Lens:** Regularly wipe the camera lens with a soft, dry cloth to ensure clear image quality.
- **Solar Panel Cleaning:** Keep the solar panel free of dust, dirt, and debris to maintain charging efficiency.
- **Check Connections:** Periodically inspect all cable connections for security and weatherproofing.
- **Firmware Updates:** Check the CloudEdge app for available firmware updates to ensure your camera has the latest features and security enhancements.

- **Battery Level:** Monitor the camera's battery level via the app, especially during periods of low sunlight, to ensure continuous operation.

6. TROUBLESHOOTING

| Issue | Possible Solution |
|-------------------------------------|--|
| Camera not connecting to Wi-Fi | <ul style="list-style-type: none"> • Ensure your Wi-Fi network is 2.4GHz. 5GHz networks are not supported. • Verify the Wi-Fi password is correct. • Place the camera closer to your Wi-Fi router during setup. • Reset the camera and try the pairing process again. |
| Poor image quality | <ul style="list-style-type: none"> • Clean the camera lens. • Ensure the camera is within good Wi-Fi signal range. • Check app settings to confirm video resolution is set to 2K. |
| Battery not charging or low battery | <ul style="list-style-type: none"> • Ensure the solar panel is installed in a location receiving direct sunlight for several hours daily. • Clean the solar panel surface. • Check the connection between the solar panel and the camera. • If necessary, charge the camera directly using the USB cable and a 5V/2A power adapter (not included). |
| Frequent false motion alerts | <ul style="list-style-type: none"> • Adjust the motion detection sensitivity in the app settings. • Enable "Human Detection" to filter out non-human movements. • Adjust the camera's field of view to exclude areas with frequent irrelevant motion (e.g., busy roads, swaying trees). |
| No audio or poor audio quality | <ul style="list-style-type: none"> • Ensure the microphone and speaker are not obstructed. • Check the volume settings on your smartphone and within the app. • Verify network stability for clear audio transmission. |

7. SPECIFICATIONS

| Feature | Detail |
|-------------------------|---|
| Brand | DEKCO |
| Model Name | DC9E |
| Connectivity Technology | Wireless (2.4GHz Wi-Fi) |
| Special Feature | Photographic Sensor, PIR Motion Detection, Color Night Vision |
| Usage | Outdoor Security |
| Compatible Devices | Smartphone (via CloudEdge App) |
| Power Source | Solar Powered |
| Controller Type | Amazon Alexa (Voice Control) |
| Mounting Type | Wall Mount |
| Color | White |

| Feature | Detail |
|----------------------------|--|
| Form Factor | Dome |
| Material | Plastic |
| Water Resistance Level | IP65 (Waterproof) |
| Alert Type | Motion Detection (PIR) |
| Light Source Type | Infrared |
| Control Method | Application |
| Power Consumption | 4 Watt-hours |
| Batteries Required | Yes |
| Video Capture Format | 2K |
| Night Vision Range | 66 Feet |
| Night Vision Type | Color Night Vision |
| Effective Video Resolution | 3 Megapixels (implied by 2K) |
| View Angle | 355° (Pan), 90° (Tilt) for 360° Coverage |
| Focus Type | Auto Focus |
| Optical Sensor Technology | CMOS |

8. WARRANTY AND SUPPORT

DEKCO products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or the official DEKCO website. Keep your purchase receipt as proof of purchase.