

DEKCO DC9L

DEKCO 5MP Outdoor Security Camera DC9L-2 User Manual

Model: DC9L-2

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your DEKCO 5MP Outdoor Security Camera (Model DC9L-2). Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

PRODUCT FEATURES

- **Solar Panel Power & Excellent Durability:** The security camera is powered by solar energy, significantly reducing electricity costs. It also features low-power technology that allows charging via the included USB cable when weather is bad or battery is low. A single charge provides 4-6 months of normal operation. It is resistant to rain, sun, high temperatures, and cold, ensuring long-lasting performance. (Please install the solar panel correctly according to the manual. For first use, fully charge the battery with the included USB cable.)
- **2K Resolution & 360° All-Directional Monitoring:** The surveillance camera adopts 2K resolution for a clearer visual experience. *Note: The default setting is SD resolution. Please manually adjust to FHD resolution.* The camera features 355° horizontal pan and 90° vertical tilt, allowing remote lens rotation via the app for 360° all-directional monitoring. It also has 4x digital zoom for detailed surveillance.
- **PIR Human Sensor & Smart Alarm Mode:** The security camera is equipped with PIR human detection, featuring 10 sensitivity levels to efficiently capture intruder information and reduce false alarms. The smart alarm mode allows not only setting alarm times but also precisely defining alarm areas manually, avoiding disturbance to neighbors. It offers three alarm modes: audio alarm, white light alarm, and audio alarm with strobe light, with adjustable volume.
- **Excellent Night Vision Function:** Through multiple tests by researchers, the night vision function has been upgraded. It now offers three night vision modes for more effective security protection.
 1. **Smart Night Vision:** When motion or a person is detected, it automatically switches from black and white mode to color mode, saving the clearest evidence.
 2. **Full Color Mode:** Provides full-color night vision, automatically turning on warm lights at night. Especially suitable for single-person households.
 3. **Black and White Mode:** Further reduces power consumption. (Regardless of the night vision

mode set, it does not affect the alarm function, so please be assured.)

- **Two-Way Voice Talk & Message Notification:** The security camera has a built-in microphone and speaker, enabling two-way voice communication. Not only do you receive message notifications when a delivery arrives at your entrance, but you can also use the app to speak with the delivery person, ensuring you don't miss important packages. The security camera also supports family sharing, allowing you to share the device with family members and have multiple people communicate online at any time. It is equipped with two 5 dbi antennas, providing a more stable and longer WIFI signal transmission distance than 4 dbi WIFI antennas, eliminating concerns about image delays due to unstable networks.



Image: DEKCO 5MP Outdoor Security Camera with solar panel and a smartphone displaying the live feed.



Image: Overview of DEKCO camera features including large capacity battery, 2.4G Wi-Fi, wireless, PIR sensor, recording, and storage.

SETUP AND INSTALLATION

Mounting the Camera

The DEKCO security camera can be mounted on a wall or overhead. Ensure the mounting location provides a stable surface and optimal viewing angle.

1. Drill holes in the desired location and insert the wall plugs.
2. Secure the mounting base to the wall using screws.
3. Slide the camera onto the mounting base until it clicks into place.

Video: Demonstrates the easy installation process of the security camera on a wall.

Video: Shows how to install the camera stand, including drilling and securing the base.

Connecting the Solar Panel

Attach the solar panel to the camera or mount it separately in a location with ample sunlight. Connect the solar panel cable to the camera's charging port.



Image: Illustrates the solar panel providing power to the camera with its 9800mAh battery.

App Connection Procedure

Download the dedicated app (Cloud Edge) from your smartphone's app store. Follow the in-app instructions to connect your camera to your 2.4GHz Wi-Fi network.

1. Long press the power button on the camera to activate it. The red light will flash slowly.
2. Press the reset button for 5 seconds to reset the camera.
3. Connect your smartphone to a 2.4GHz Wi-Fi network.
4. Scan the QR code displayed in the app with the camera. Once connected, the indicator light will turn blue.

Video: Demonstrates the camera connection procedure using the app.

OPERATING INSTRUCTIONS

Live View and Pan/Tilt Control

Access the live feed through the dedicated app. Use the on-screen controls to pan (355° horizontally) and tilt (90° vertically) the camera for a comprehensive 360° view. You can also use the 4x digital zoom to focus on specific areas.



360°全方位監視

監視角度を自由に調整でき、
死角がありません。

Image: Illustrates the camera's 360-degree pan and tilt capabilities controlled via a smartphone app.

Motion Detection and Alarms

The camera features PIR human detection with adjustable sensitivity. When motion is detected, you will receive smartphone notifications. The smart alarm mode allows you to set specific alarm times and define custom detection areas. Choose from audio alarm, white light alarm, or audio alarm with strobe light, with adjustable volume.

PIR人感センサー&スマート警報モード

先進的なPIR技術を採用し、10レベルの監視感度を備え、誤報を効果的に減らす。

監視感度

1 2 3 4 5 6 7 8 9 10

PIR人感センサー



Image: Shows the PIR human sensor detecting a person and triggering a smartphone notification.

4つのライト & 暗視機能が抜群

4つのライトを搭載し、強い光と音が不審な人を効果的に威嚇します。



声光警報



フルカラー夜視



4つのライト

Image: Depicts the camera's four lights and night vision capabilities, including a sound and light alarm.

Night Vision Modes

The camera offers three night vision modes: Smart Night Vision (auto-switches to color on detection), Full Color Mode (always color with warm lights), and Black and White Mode (for reduced power consumption). These modes ensure clear visibility even in low-light conditions.

4つのライトを搭載し&警報機能抜群

強烈なライトで不審者を瞬時に追い払う！



Image: Demonstrates the camera's night vision modes (sound & light alarm, full color night, infrared night) and alarm functions.



Image: Compares day and night image quality at 5MP resolution.

Two-Way Audio and Family Sharing

Utilize the built-in microphone and speaker for two-way communication through the app. This allows you to speak with visitors or delivery personnel. The device also supports family sharing, enabling multiple users to access the camera feed and communication features.



Image: A smartphone screen showing two-way audio communication with a delivery person.



Image: Multiple family members viewing the camera feed on their smartphones, illustrating the family sharing feature.

MAINTENANCE

Battery Charging

The camera is primarily solar-powered. Ensure the solar panel is clean and positioned to receive maximum sunlight. If solar charging is insufficient due to prolonged bad weather, use the included USB cable to manually charge the camera. A full charge can last 4-6 months under normal conditions.

Cleaning

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance and image clarity. Avoid using harsh chemicals or abrasive materials.

Firmware Updates

Periodically check the app for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features, security patches, and performance improvements.

耐久性拔群



Image: The camera and solar panel are shown enduring rain, highlighting their durability and IP65 waterproof rating.

TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Reset the camera by pressing the reset button for 5 seconds and try the connection process again. Verify your Wi-Fi password is correct.
- **Poor image quality:** The default setting is SD resolution. Adjust to FHD resolution in the app settings for clearer images. Ensure the lens is clean and free from obstructions. Check your Wi-Fi signal strength; a weak signal can affect streaming quality.
- **Battery not charging:** Confirm the solar panel is correctly installed and receiving direct sunlight. Check the connection between the solar panel and the camera. If necessary, charge the camera using the USB cable.
- **False alarms:** Adjust the PIR human detection sensitivity in the app. Define specific alarm areas to exclude irrelevant zones.
- **No notifications:** Check your smartphone's app notification settings to ensure they are enabled for the Cloud Edge app. Verify the camera's motion detection is active.

SPECIFICATIONS

Feature	Detail
Mounting Type	Wall Mount
Video Capture Resolution	1440p (2K)
Color	White
Number of Items	1
Included Components	USB Cable, Solar Panel and Mounting Accessories, Mounting Screws, Instruction Manual, Security Camera and Mounting Base
Wireless Communication Technology	Wi-Fi
Form Factor	Dome
Field of View	100 degrees
Installation Type	Screw-in
Night Vision Range	10 meters
Voltage	5 Volts (DC)
Water Resistance Level	Waterproof (IP65)
Product Model Number	DC9L-2
Package Size	21.6 x 15.9 x 13.8 cm
Product Weight	980 g
Light Source	LED and Infrared
Recommended Use	Indoor Security, Outdoor Security
Brand	DEKCO
Model Name	DC9L
Connectivity Technology	Wireless
Special Features	PTZ Technology, Image Sensor, Built-in Light, Two-Way Audio, Night Vision
Indoor/Outdoor Use	Indoor, Outdoor
Compatible Devices	Smartphone, Tablet
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi

Controller Type	Cloud Edge
-----------------	------------

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official DEKCO website. Please retain your proof of purchase for warranty claims.