

DEKCO 5059648201190

DEKCO 2K Solar Security Camera Wireless Outdoor User Manual

Model: 5059648201190

1. INTRODUCTION

Thank you for choosing the DEKCO 2K Solar Security Camera. This wireless outdoor camera provides comprehensive surveillance with its 2K resolution, 360° pan and tilt capabilities, and solar-powered design. Equipped with advanced features like motion detection, two-way audio, and enhanced night vision, it offers reliable home security. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance of your device.



Figure 1.1: DEKCO 2K Solar Security Camera with integrated solar panel.

2. PACKAGE CONTENTS

Please check the package contents upon opening to ensure all components are present and undamaged. If any items are missing or damaged, please contact DEKCO customer support.



Figure 2.1: Included items in the product package.

- DEKCO 2K Solar Security Camera
- Solar Panel (pre-attached or separate, depending on model variant)
- Mounting Bracket
- USB Charging Cable
- Mounting Screws and Wall Anchors
- User Manual
- Quick Start Guide

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your DEKCO solar security camera.



Figure 3.1: Key features of the DEKCO Solar Security Camera.

Camera Components:

- **Camera Lens:** Captures video footage.
- **Infrared LEDs:** Provide enhanced night vision.
- **Spotlight:** Illuminates the area for color night vision and acts as a deterrent.
- **Microphone:** Captures audio for two-way communication.
- **Speaker:** Outputs audio for two-way communication and siren.
- **PIR Motion Sensor:** Detects heat signatures for accurate motion detection.
- **Antennas:** For stable 2.4GHz Wi-Fi connectivity.
- **Solar Panel:** Charges the internal battery using sunlight.
- **Reset Button:** Used to reset the camera to factory settings.
- **Micro SD Card Slot:** For local video storage (supports 8-128GB, not included).

4. SETUP

4.1 Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable and a 5V/2A power adapter (not included). The charging indicator light will turn solid blue when fully charged.

4.2 App Download and Registration

1. Scan the QR code below or search for "CloudEdge" in your mobile app store (App Store for iOS, Google Play for Android).
2. Download and install the CloudEdge app.
3. Open the app and register for a new account using your email address. Follow the on-screen instructions to complete registration.



Figure 4.1: The CloudEdge app is compatible with both Android and iOS devices.

4.3 Wi-Fi Connection

Ensure your Wi-Fi network is 2.4GHz. This camera does not support 5GHz Wi-Fi.

1. Power on the camera. The indicator light will flash red, indicating it's ready for pairing.
2. In the CloudEdge app, tap the "+" icon to add a new device.
3. Select "Battery Camera" and follow the prompts.
4. Enter your 2.4GHz Wi-Fi network name (SSID) and password.
5. Place the QR code generated by the app in front of the camera lens (approx. 15-20 cm / 6-8 inches away) until you hear a prompt sound from the camera.
6. Once connected, the indicator light will turn solid blue.

4.4 Mounting the Camera

Choose a location with strong 2.4GHz Wi-Fi signal and direct sunlight exposure for the solar panel.

1. Mark the drilling positions using the mounting bracket as a template.
2. Drill holes and insert wall anchors if mounting on masonry or concrete.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the mounting bracket.
5. Adjust the camera angle and solar panel orientation to maximize sunlight exposure.



Figure 4.2: The camera is designed for wire-free installation, powered by its solar panel.

5. OPERATING INSTRUCTIONS

5.1 Live View

Open the CloudEdge app and select your camera to view the live feed. You can pinch to zoom in on the live view.

5.2 Pan & Tilt Control

From the live view screen, use the directional controls to remotely pan (horizontal rotation up to 360°) and tilt (vertical rotation up to 90°) the camera lens to monitor different areas.



Figure 5.1: The camera offers a 360° all-around field of view with pan and tilt functions.

5.3 Two-Way Audio

Tap the microphone icon in the app to speak through the camera's speaker. Tap again to end. This allows for real-time communication with visitors or to deter intruders.



Figure 5.2: Premium 2-Way Audio allows clear communication.

5.4 Motion Detection & Alerts

The camera uses advanced PIR motion detection to identify human shapes, reducing false alarms. When motion is detected, you will receive instant notifications on your phone.



Figure 5.3: Advanced Motion Detection provides real-time notifications with adjustable sensitivity.

- **Sensitivity:** Adjust motion detection sensitivity (1-10) in the app settings.
- **Activity Zones:** Define specific areas for motion detection to focus on.
- **Siren/Spotlight:** Configure the camera to activate its siren and/or spotlight upon motion detection for deterrence.

Motion-activated Alarm

Flashing light and siren to drive away unwanted people.



Figure 5.4: The camera can ward off intruders with a motion-activated alarm, including a flashing light and siren.

5.5 Recording and Playback

The camera records events triggered by motion detection. You can access these recordings via the CloudEdge app.

- **Cloud Storage:** Enjoy a free 7-day trial for cloud storage. Subscription plans are available for extended storage.
- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) for local storage. Recordings will loop once the card is full.



Figure 5.5: The camera supports both cloud and local Micro SD card storage.

5.6 Night Vision

The camera features upgraded infrared LEDs for clear night vision up to 66ft. When sufficient ambient light is present, it can provide full-color night vision.



Figure 5.6: 2K HD quality with enhanced night vision capabilities.

6. MAINTENANCE

6.1 Cleaning

- Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- Ensure the solar panel is clean for optimal charging efficiency.

6.2 Battery Care

- The camera is designed for continuous power via solar charging. In areas with limited sunlight, occasional manual charging via USB may be required.

- Avoid exposing the camera to extreme temperatures outside its operating range to preserve battery life.

6.3 Firmware Updates

Periodically check the CloudEdge app for available firmware updates. Keeping your camera's firmware updated ensures optimal performance, new features, and security enhancements.



Figure 6.1: The camera is IP65 weather-resistant, designed to withstand various outdoor conditions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	Low battery; Power button off	Charge the camera fully; Ensure power button is in ON position.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; Weak signal	Verify password; Ensure 2.4GHz network; Move camera closer to router or use a Wi-Fi extender.

Problem	Possible Cause	Solution
Motion detection not working	PIR sensitivity too low; Incorrect activity zone settings; Obstructions	Increase PIR sensitivity in app; Adjust activity zones; Clear any obstructions in the camera's view.
Poor image quality	Dirty lens; Poor lighting; Network bandwidth issues	Clean the lens; Ensure adequate lighting; Check network speed.
Two-way audio issues	Microphone/speaker blocked; App permissions	Ensure microphone/speaker are clear; Grant microphone permissions to the app.
Camera offline frequently	Weak Wi-Fi signal; Router issues	Relocate camera or router; Restart router.

8. SPECIFICATIONS

Feature	Detail
Model	5059648201190
Video Capture Resolution	3 MP (2K QHD)
Connectivity Technology	Wireless (Wi-Fi)
Wireless Communication	2.4GHz Wi-Fi
Power Source	Solar Powered, Battery Powered
Battery Type	Lithium Ion (included)
Battery Average Life	Approx. 5 months (without solar charging)
Night Vision Range	Up to 66 Feet
Special Features	Battery Powered, Motion Sensor, Night Vision, Solar Powered, Spotlights, Two-Way Audio
Indoor/Outdoor Usage	Outdoor (IP65 Weather-resistant)
Compatible Devices	Smartphone, Tablet (Android, iOS)
Storage Options	Micro SD Card (8-128GB, not included), Cloud Storage
Pan/Tilt Range	360° Pan, 90° Tilt
Material	Metal

9. WARRANTY AND SUPPORT

DEKCO products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official DEKCO website.


If you encounter any issues or have questions regarding your DEKCO 2K Solar Security Camera, please contact our customer support team:

- **Email:** Refer to your product packaging or the CloudEdge app for support contact information.
- **Online Support:** Visit the DEKCO official website for FAQs, troubleshooting guides, and contact forms.

Please have your model number (5059648201190) and purchase information ready when contacting support.

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Related Documents

 <p>DC5E Function Manual</p>	<p>DEKCO DC5E Function Manual: Night Vision, Auto Tracking, and Alarm Features</p> <p>A comprehensive function manual for the DEKCO DC5E security camera, detailing how to use its night vision, automatic tracking, sound and light alarm functions, and SD card formatting.</p>
<p>说明书制作要求</p> <p>材质: 105g铜粉 成品尺寸: 167x115mm, 共20P 印刷: CMYK 装订方式: 骑马钉, 按照顺序装订 备注: 请使用a1文档印刷</p>	<p>DEKCO DC8L Solar Security Camera User Manual</p> <p>Comprehensive user manual for the DEKCO DC8L Solar Security Camera, covering setup, installation, app usage, and troubleshooting.</p>
<p>说明书制作要求</p> <p>材质: 105g铜粉 成品尺寸: 167x115mm, 共20P 印刷: CMYK 装订方式: 骑马钉, 按照顺序装订 备注: 请使用a1文档印刷</p>	<p>DEKCO Security Camera User Manual and Setup Guide</p> <p>Comprehensive guide for setting up and using your DEKCO security camera, including installation, app connection, Wi-Fi setup, and troubleshooting. Learn about product features, safety statements, and support.</p>

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[DEKCO DC5L HD WiFi Security Camera Quick Start Guide](#)

A quick start guide for the DEKCO DC5L HD WiFi Security Camera, covering setup, installation, and basic troubleshooting.