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DEKCO 2K Pan Rotating 180° Wired Outdoor Security Camera

DEKCO 2K Pan Rotating 180° Wired Outdoor Security Camera User Manual

Model: 2K Pan Rotating 180° Wired Outdoor Security Camera
Brand: DEKCO

1. Introduction

Thank you for choosing the DEKCO 2K Pan Rotating 180° Wired Outdoor Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new security camera. Designed for robust outdoor surveillance, this camera offers 2K ultra-clear resolution, color night vision, dual-band WiFi connectivity, and smart AI human detection to enhance your home security.

Please read this manual thoroughly before using the product to ensure proper setup and optimal performance. Keep this manual for future reference.

2. Product Overview

Familiarize yourself with the components and key features of your DEKCO security camera.



The DEKCO 2K Pan Rotating 180° Wired Outdoor Security Camera, featuring dual antennas for enhanced connectivity and a wall-mount bracket.



The camera offers a wider 270-degree viewing angle through its 180-degree horizontal pan rotation, capturing more details of your surroundings.



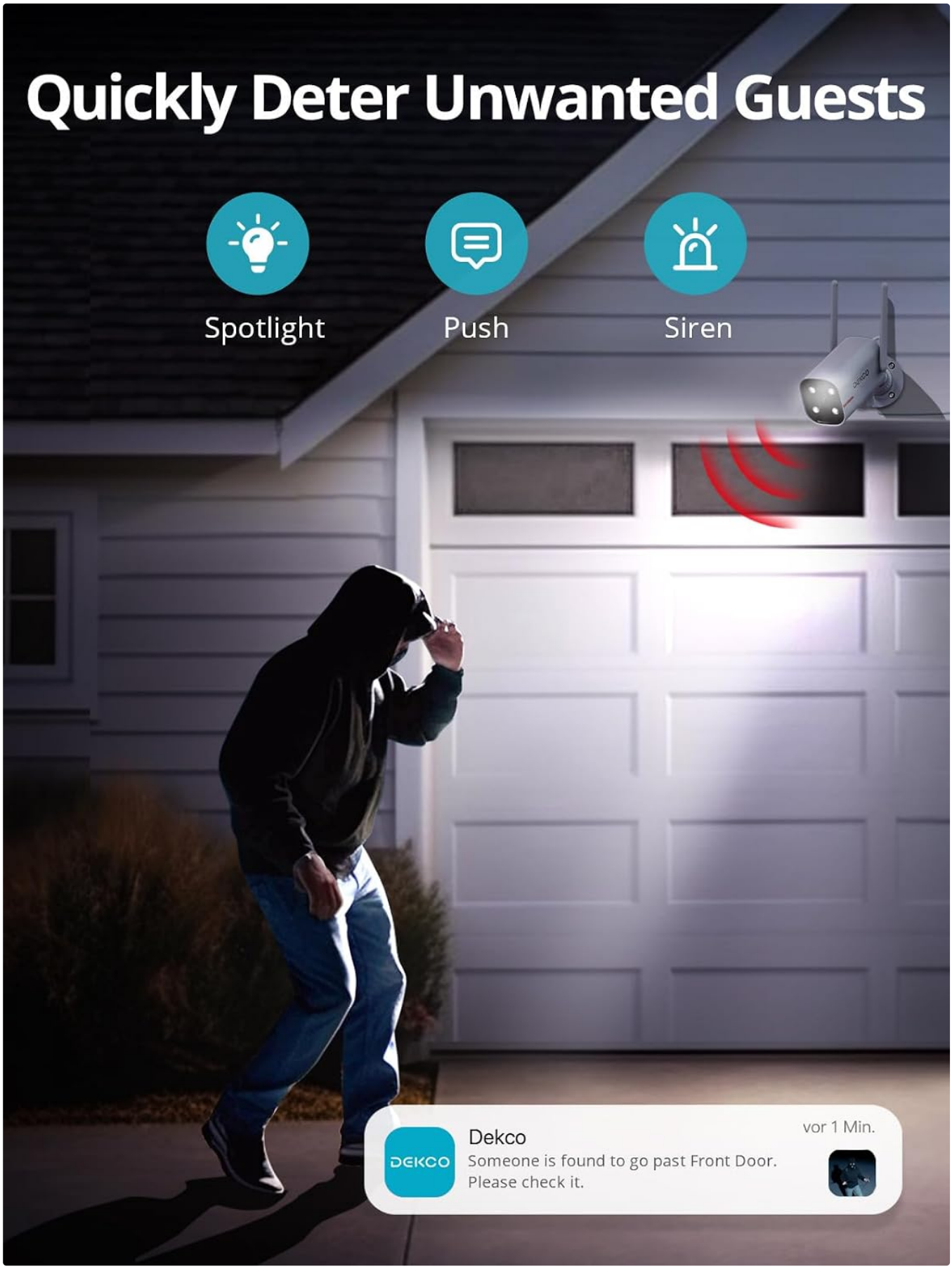
The accompanying smartphone app displays a 24/7 continuous recording timeline, with options for Micro SD card (8-128GB) or cloud storage to ensure no event is missed.



Advanced AI human detection accurately identifies human figures, reducing false alarms from non-human movements such as insects, leaves, or shadows.



Experience superior 2K QHD color night vision, providing clear and vibrant images even in complete darkness, compared to traditional black and white night vision.



Deter unwanted guests quickly with integrated features including a bright spotlight, instant push notifications to your device, and an audible siren.



Enhance front door security with the auto-cruise function, allowing the camera to automatically pan across its 270-degree viewing angle at 60-minute intervals.



Enjoy a more stable and reliable internet connection with dual-band 2.4GHz and 5GHz WiFi support, ensuring consistent video streaming and control.

3. Features

- **2K Ultra-Clear Spotlight Color Night Vision:** This camera features 2K ultra-high resolution and spotlight color night vision technology, capturing clear and vibrant color images even in complete darkness.
- **Stable Dual-Band WiFi Connection:** Supports 2.4GHz and 5GHz dual-band WiFi, ensuring a stable and high-speed network connection for your video surveillance without the worry of network fluctuations.
- **Flexible Storage Options:** Offers local storage via SD card as well as cloud storage services, enabling 24/7 continuous video recording so you can revisit important moments at any time.
- **Smart AI Human Detection:** Advanced AI algorithms accurately identify human figures, automatically filtering out animals, vehicles, and insects to significantly reduce false alarms, ensuring you only receive alerts that matter.
- **Seamless Integration with Smart Home Devices:** This camera is fully compatible with Amazon Alexa and Google Home smart devices. With simple voice commands, you can effortlessly control and access your camera.

4. Specifications

Attribute	Detail
Brand	DEKCO
Model	2K Pan Rotating 180° Wired Outdoor Security Camera
Connectivity Technology	Wireless, Wi-Fi (2.4GHz & 5GHz)
Video Capture Resolution	2K (Effective Still Resolution: 2 MP)
Night Vision Range	32 Feet (Color Night Vision)
Viewing Angle	270 Degrees (Pan Rotation: 180 Degrees)
Power Source	Corded Electric (5 Volts DC, 12 Watt-hours)
Storage Options	Micro SD Card (8-128GB supported), Cloud Storage
AI Features	AI Human Detection, Auto Tracking
Smart Home Integration	Amazon Alexa, Google Home
Water Resistance Level	Waterproof (IP65)
Material	PVC
Dimensions (L x W x H)	8.07 x 3.94 x 3.94 inches
Item Weight	15.8 ounces

5. Setup Guide

5.1 Unboxing and Initial Inspection

1. Carefully open the packaging and remove all components.
2. Verify that all items listed in the product packaging are present and undamaged.
3. Inspect the camera for any visible damage.

5.2 Mounting the Camera

Choose a suitable outdoor location with a clear view of the area you wish to monitor. Ensure the location is within range of your WiFi network and has access to a power outlet.

1. Use the provided mounting template to mark the drill holes on the wall.
2. Drill the necessary holes and insert wall anchors if required.
3. Attach the mounting bracket to the wall using the screws.
4. Secure the camera to the mounting bracket. Adjust the angle as needed.

5.3 Powering On and Network Connection

1. Connect the camera to the power adapter and plug it into a power outlet.
2. Download the DEKCO app from your smartphone's app store (iOS/Android).
3. Open the app and follow the on-screen instructions to add your camera. This typically involves scanning a QR code on the camera and connecting to your 2.4GHz or 5GHz WiFi network.
4. Once connected, the camera's status indicator will change, and you will see the live feed in the app.

5.4 Micro SD Card Installation (Optional)

For local storage, install a Micro SD card (up to 128GB) into the designated slot on the camera. Ensure the camera is powered off before inserting or removing the card.

Video: Formatting tutorial of Micro-SD. This video demonstrates how to format your Micro SD card for optimal use with the camera.

6. Operating Instructions

6.1 Live View and Pan/Tilt Control

- Open the DEKCO app and select your camera to view the live feed.
- Use the on-screen controls to pan (horizontal rotation) the camera to adjust its viewing angle. The camera supports 180° horizontal pan.

6.2 Recording and Playback

- The camera supports 24/7 continuous recording to an installed Micro SD card or cloud storage (subscription may be required).
- To view recorded footage, access the playback timeline in the app and select the desired time frame.

6.3 Night Vision Modes

The camera offers different night vision modes:

- **Infrared Night Vision:** Provides clear black and white images in low-light conditions.
- **Color Night Vision:** Activates the built-in spotlight to capture full-color images at night. This mode can also deter

intruders.

- **Smart Night Vision:** Automatically switches between infrared and color night vision based on detected motion or light conditions.

Adjust these settings within the camera's settings in the DEKCO app.

6.4 Two-Way Audio

The camera features a built-in microphone and speaker, allowing for two-way communication.

- In the live view, tap the microphone icon to speak through the camera.
- Tap the speaker icon to hear audio from the camera's location.

6.5 AI Human Detection and Auto Tracking

- Enable AI Human Detection in the app settings to receive alerts only when human figures are detected, minimizing false alarms.
- Activate Auto Tracking to allow the camera to automatically follow detected human movement within its field of view.

6.6 Smart Home Integration

Connect your DEKCO camera with Amazon Alexa or Google Assistant for voice control and integration into your smart home ecosystem. Refer to the respective smart home app's instructions for pairing.

7. Maintenance

7.1 Cleaning

- Regularly clean the camera lens and body with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.

7.2 Firmware Updates

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

7.3 Storage Management

- If using a Micro SD card, ensure it is formatted regularly (refer to Section 5.4 and the video).
- Manage cloud storage subscriptions and recorded footage through the DEKCO app.

8. Troubleshooting

Problem	Possible Solution
Camera offline/Cannot connect to WiFi	Ensure the camera is powered on. Check WiFi signal strength at the camera's location. Verify correct WiFi password. Try restarting your router and the camera. Ensure you are connecting to a 2.4GHz or 5GHz network as supported.

Frequent false alarms	Enable AI Human Detection in the app settings. Adjust motion detection sensitivity. Set up specific detection zones to exclude high-traffic areas or moving objects like trees.
Poor video quality at night	Ensure the camera lens is clean. Check if the night vision mode is set correctly (e.g., Color Night Vision for full color). Ensure there are no obstructions blocking the infrared lights or spotlight.
SD card not recording	Ensure the SD card is properly inserted. Format the SD card via the app (refer to Section 5.4). Check if the SD card is full or corrupted. Replace the SD card if necessary.
Two-way audio not working	Check microphone and speaker settings in the app. Ensure your phone's volume is up. Verify network stability for clear audio transmission.

9. Warranty and Support

9.1 Warranty Information

Your DEKCO 2K Pan Rotating 180° Wired Outdoor Security Camera is covered by a standard return policy allowing for refund or replacement within 30 days of purchase. For specific warranty terms beyond this period, please refer to the product packaging or contact DEKCO customer support.

9.2 Customer Support

For any questions, technical assistance, or support needs, please contact DEKCO customer service through the contact information provided on your product packaging or the official DEKCO website. Our support team is available to assist you with any issues you may encounter.

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.

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