ieGeek DD201

ieGeek Solar Security Camera Outdoor User Manual

Model: DD201

PRODUCT OVERVIEW

The ieGeek Solar Security Camera Outdoor is a wireless, battery-powered surveillance camera designed for outdoor use. It features 1080p Full HD video, night vision capabilities, PIR motion detection, and two-way audio communication. The integrated solar panel provides continuous power, reducing the need for manual recharging. Its IP66 weatherproof rating ensures reliable operation in various environmental conditions.

Image: The ieGeek Solar Security Camera, showing the main camera unit with two antennas and an attached solar panel.

PACKAGE CONTENTS

Verify that all items are present in the package:

- ieGeek Solar Security Camera (Model DD201)
- Solar Panel with 3M USB Cable
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

Image: Contents of the ieGeek camera package, including the camera, solar panel, mounting hardware, and cables.

SETUP GUIDE

1. Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable. Connect the USB cable to the camera's charging port and a 5V/2A power adapter (not included). The charging indicator light will show the charging status.

Image: An exploded view of the camera showing its internal 10400mAh battery compartment.

2. App Installation

Download and install the "CloudEdge" application on your smartphone. The app is available for both iOS and Android devices.

- Search for "CloudEdge" in the Apple App Store or Google Play Store.
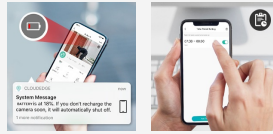- Install the application and create an account.

Image: Icons representing Apple and Android app stores, indicating app compatibility.

3. Camera Pairing

Follow the in-app instructions to add your camera:

1. Open the CloudEdge app and tap "Add Device" or the "+" icon.
2. Select "Battery Camera" or the appropriate camera type.
3. Power on the camera. Ensure the indicator light is flashing blue, indicating it's ready for pairing.
4. Connect your smartphone to a 2.4GHz Wi-Fi network. This camera does not support 5GHz Wi-Fi.
5. The app will generate a QR code. Position your phone approximately 15-20 cm (6-8 inches) in front of the camera lens until you hear a confirmation sound.
6. Once connected, name your camera and complete the setup process.

Image: A smartphone screen showing the CloudEdge app interface with Wi-Fi signal strength, indicating optimal placement for connectivity.

4. Mounting the Camera

Choose a suitable outdoor location for optimal coverage and solar panel exposure. Ensure the camera is within range of your Wi-Fi network.

1. Mark the drilling points using the mounting bracket as a template.
2. Drill holes and insert wall anchors if necessary.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the bracket and adjust the angle for desired viewing.
5. Connect the solar panel to the camera and position the solar panel in a location that receives direct sunlight for several hours daily.

365 Days Battery Life
With Solar Panel
Removable Solar Panel
3M Solar Panel USB Cable

Image: The ieGeek camera mounted on an outdoor wall with its solar panel positioned on the roof for maximum sun exposure.

OPERATING INSTRUCTIONS

Live View and Playback

Access the live video feed and review recorded footage through the CloudEdge app. Tap on the camera name in the app to view the live stream. Use the playback feature to access recordings stored on the SD card or cloud storage.

Image: A smartphone displaying the live feed from the ieGeek camera, showing a car in a driveway at night, demonstrating night vision capabilities.

PIR Motion Detection

The camera uses Passive Infrared (PIR) technology to detect human-like motion, minimizing false alarms from pets or swaying branches. When motion is detected, the camera will record a video clip and send a real-time notification to your smartphone.

- **Adjusting Sensitivity:** In the app settings, navigate to "PIR Detection" to adjust the sensitivity level (Low, Medium, High) based on your environment.
- **Activity Zones:** Define specific areas within the camera's view where motion detection should be active or ignored.
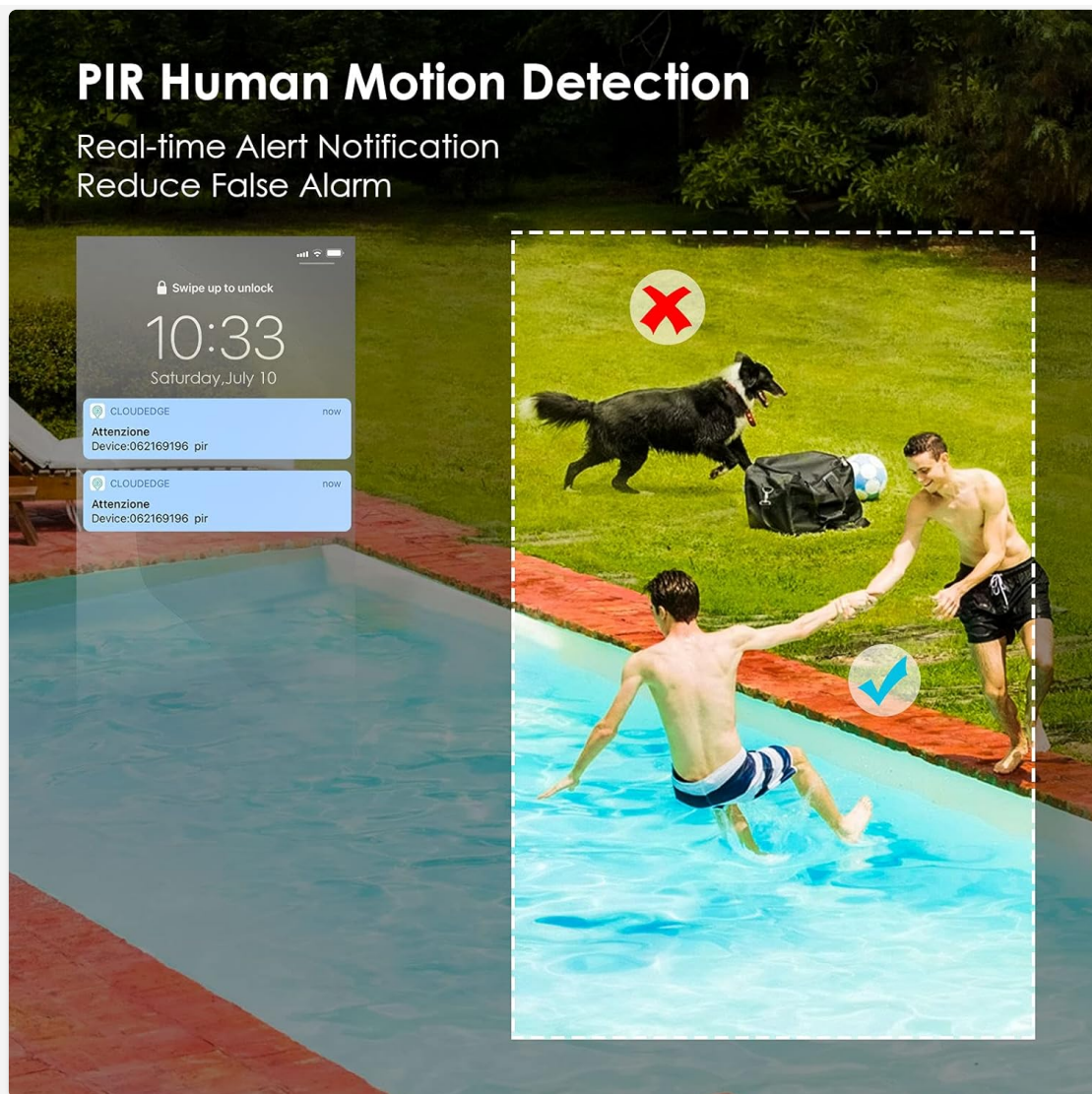
Image: An illustration demonstrating PIR human motion detection, showing a person being detected while a dog and bag are ignored, with a phone displaying a notification.

Night Vision

The camera automatically switches to night vision mode in low-light conditions, providing clear black-and-white video up to 50 feet (15 meters). It utilizes 4 infrared lights for enhanced visibility.

Image: A split image showing the same outdoor scene in daytime (color) and nighttime (black and white night vision), highlighting the camera's 1080P FHD and clear night vision capabilities.
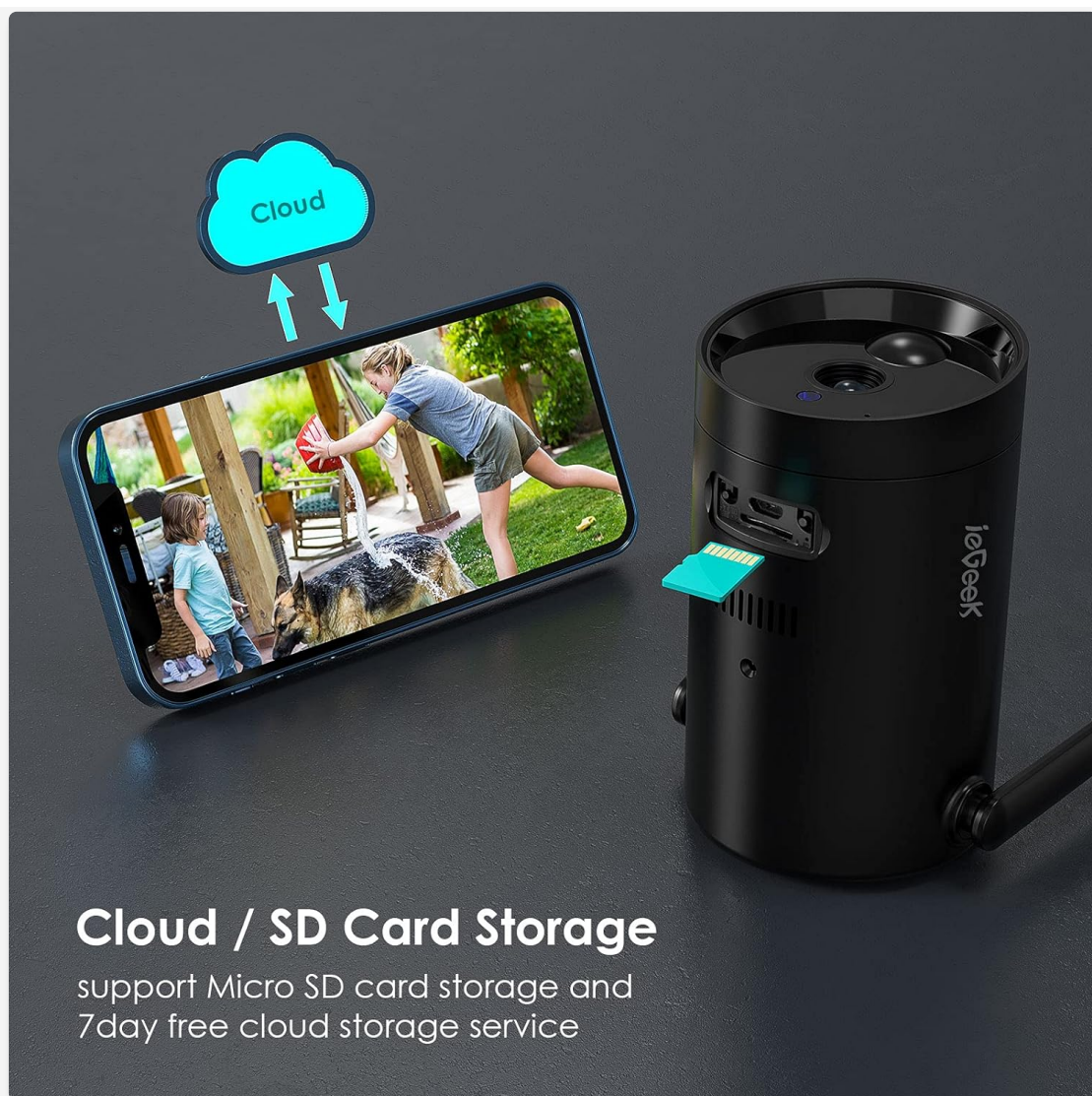
Two-Way Audio

Communicate with visitors or deter intruders using the built-in microphone and speaker. Tap the microphone icon in the live view interface of the app to initiate two-way communication.

Image: A person interacting with a child in a yard, with text indicating "2-Way Audio" and "Prevention/Protection In One Step."

Storage Options

The camera supports local storage via a Micro SD card (up to 128GB, not included) and offers a 7-day free trial for cloud storage. Insert the Micro SD card into the designated slot on the camera.

Cloud / SD Card Storage
support Micro SD card storage and
7day free cloud storage service

Image: The ieGeek camera with an SD card inserted, and a smartphone displaying a cloud icon, illustrating both cloud and SD card storage options.

Sharing Access

You can share camera access with family members or trusted individuals through the CloudEdge app. Each user will need their own CloudEdge account.

Image: Two hands holding smartphones, demonstrating the "Scan to Share" feature for camera access.

MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and solar panel with a soft, damp cloth to ensure clear vision and efficient solar charging. Avoid abrasive cleaners.
- **Battery Health:** While the solar panel provides continuous power, it is recommended to fully charge the camera via USB periodically, especially if it's placed in an area with limited sunlight.
- **Firmware Updates:** Check the CloudEdge app regularly for firmware updates to ensure optimal performance and access to new features.

TROUBLESHOOTING

Problem	Possible Solution
Camera not connecting to Wi-Fi	- Ensure your Wi-Fi is 2.4GHz. - Check Wi-Fi signal strength at the camera's location using the CloudEdge app's signal diagnostic function. - Move the camera closer to the router or use a Wi-Fi extender. - Reset the camera and try pairing again.
Frequent false alarms	- Adjust PIR sensitivity to a lower setting in the app. - Define activity zones to exclude areas with irrelevant motion (e.g., busy street, swaying trees). - Ensure the camera is not pointed directly at heat sources or reflective surfaces.
Battery not holding charge / Solar panel not charging	- Ensure the solar panel is clean and free from obstructions (dirt, leaves, snow). - Verify the solar panel is positioned to receive direct sunlight for several hours daily. - Check the connection between the solar panel and the camera. - Fully charge the camera via USB to rule out a low battery issue.
Poor night vision quality	- Clean the camera lens. - Ensure there are no obstructions directly in front of the camera that could reflect infrared light.

SPECIFICATIONS

Feature	Detail
Model	DD201
Video Resolution	1080p Full HD
Night Vision Range	Up to 50 feet (15 meters)
Field of View	130 degrees
Connectivity	2.4GHz Wi-Fi

Feature	Detail
Power Source	Solar Powered, 10400mAh Rechargeable Battery
Weatherproof Rating	IP66
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Dimensions	7.08 x 4 x 5.11 inches
Weight	2.33 pounds

WARRANTY AND SUPPORT

ieGeek provides a standard warranty for this product. For detailed warranty information, please refer to the warranty card included in your package or visit the official ieGeek website. For technical support, troubleshooting assistance, or any inquiries, please contact ieGeek customer service through the contact information provided in the app or on their official website.

Image: The ieGeek brand logo with the slogan "make your life better."