

SEHMUA DL201

SEHMUA DL201 Solar WiFi Outdoor Security Camera User Manual

Model: DL201

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SEHMUA DL201 Solar WiFi Outdoor Security Camera. This camera system is designed for outdoor surveillance, offering 2K resolution, 360° panoramic viewing, color night vision, two-way audio, and flexible storage options, all powered by solar energy for continuous operation.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 2 x WiFi Camera
- 2 x Solar Panels
- 2 x Charging Power Cables
- 2 x Solar Panel Screw Packs
- 2 x Positioning Stickers
- 2 x Product Screw Packs
- 2 x Wall Mounting Brackets



Image: Contents of the SEHMUA DL201 camera package, including two cameras, two solar panels, cables, and mounting hardware.

3. PRODUCT OVERVIEW

The SEHMUA DL201 camera system offers advanced features for comprehensive outdoor surveillance:

- **2K Resolution & Color Night Vision:** Captures clear, detailed images and provides vivid color night vision when the spotlight is active.

- **360° Panoramic View:** Pan-Tilt-Zoom (PTZ) functionality allows for a 360° horizontal and 100° vertical rotation, eliminating blind spots.
- **Solar Powered & Wireless:** Equipped with a solar panel and rechargeable battery for continuous power, ensuring year-round operation without frequent recharging or complex wiring.
- **PIR Motion Detection & Two-Way Audio:** Detects human movement and sends instant alerts. Built-in microphone and speaker enable real-time two-way communication.
- **IP66 Weatherproof:** Designed to withstand rain, snow, and harsh weather conditions for reliable outdoor use.
- **Dual Storage Options:** Supports local storage via a microSD card (up to 128GB, sold separately) and optional cloud storage with a 30-day free trial.



Image: Front view of the SEHMUA DL201 camera with its solar panel, illustrating its outdoor installation.

4. SETUP

4.1. Charging the Camera

Before initial use, ensure the camera's internal battery is sufficiently charged. The solar panel will maintain the charge, but a full initial charge is recommended.

4.2. App Installation and Account Creation

1. Download the [Ubox app](#) from your smartphone's app store (iOS or Android).
2. Open the Ubox app and follow the on-screen instructions to create an account and log in.

4.3. Camera Pairing

1. Power on the camera. The camera will emit voice prompts to guide you through the pairing process.
2. In the Ubox app, select "Add Device" and choose your camera model.
3. Follow the app's instructions to connect the camera to your 2.4GHz WiFi network **Note: 5GHz WiFi networks are not supported.**
4. Once connected, the camera will confirm successful pairing.

4.4. Physical Installation

Choose a location with good WiFi signal and direct sunlight exposure for the solar panel. Use the provided mounting brackets and screws for secure installation.

1. Use the positioning sticker to mark drill holes on the desired mounting surface.
2. Drill holes and insert wall anchors if necessary.
3. Attach the mounting bracket securely using the provided screws.
4. Mount the camera onto the bracket.
5. Attach the solar panel to a location where it receives maximum sunlight, ensuring the cable reaches the camera's charging port. Adjust the solar panel angle for optimal sun exposure.



Image: A SEHMUA DL201 camera and its solar panel mounted on an exterior wall, demonstrating continuous power from sunlight.

5. OPERATING INSTRUCTIONS

5.1. Live View and PTZ Control

Open the Ubox app and select your camera to access the live view. Use the on-screen controls to pan (355° horizontal) and tilt (100° vertical) the camera, and use digital zoom (4x) to focus on specific areas.

Vigilancia giratoria de 360°

Cobertura total para un monitoreo más detallado



Image: The SEHMUA DL201 camera providing a 360-degree panoramic view of an outdoor area, with 355° horizontal and 100° vertical rotation indicated.

5.2. Motion Detection and Alerts

The camera uses PIR (Passive Infrared) motion detection to identify human movement. When motion is detected, the camera can:

- Send instant notifications to your Ubox app.
- Activate an audible alarm.
- Flash its built-in spotlight.

You can customize detection zones within the app to reduce false alarms and focus on critical areas.



Image: Illustration of the camera's PIR motion detection, showing an intruder being detected and an alert appearing on a smartphone via the Ubox app, alongside two-way audio and siren icons.

5.3. Two-Way Audio

Use the two-way audio feature in the Ubox app to communicate with visitors or deter intruders. Tap the microphone icon in the live view to speak, and listen through the camera's speaker.

5.4. Night Vision Modes

The camera offers two night vision modes:

- **Color Night Vision:** Activates the built-in spotlight to provide full-color video in low-light conditions.
- **Infrared Night Vision:** Provides clear black-and-white video using infrared LEDs when the spotlight is off.



Image: A split image demonstrating the difference between color night vision (spotlight on) and infrared night vision (spotlight off) in a dark outdoor setting.

5.5. Recording and Storage

Recordings can be stored in two ways:

- **Local Storage:** Insert a microSD card (up to 128GB, not included) into the camera's slot. Recordings will be saved directly to the card.
- **Cloud Storage:** Subscribe to the optional cloud storage service (30-day free trial available) to store recordings securely online.

Access and review recordings through the Ubox app.

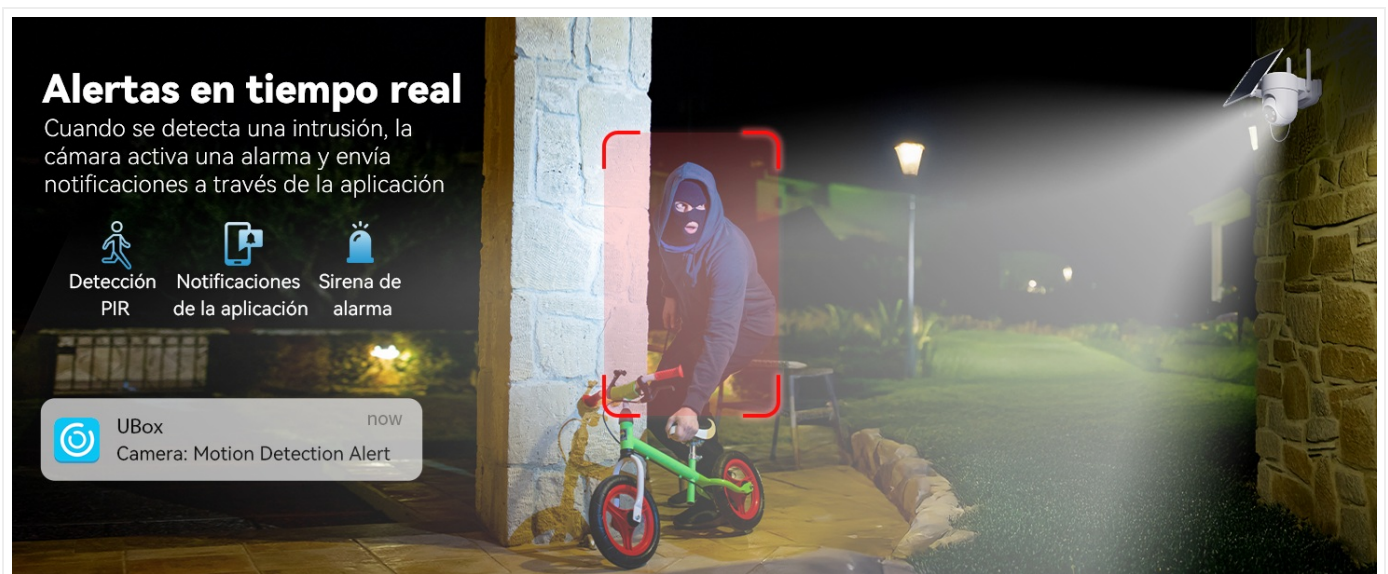


Image: An illustration showing the dual storage options: local storage via a 128GB microSD card and cloud storage with a 30-day free trial, accessible through the Ubox app.

6. MAINTENANCE

- **Solar Panel Cleaning:** Regularly clean the surface of the solar panel to ensure maximum sunlight absorption and efficient charging. Use a soft, damp cloth to remove dust and debris.
- **Battery Health:** The camera's battery is designed for long-term use with solar charging. Avoid prolonged periods of no sunlight to maintain battery health.
- **Weather Protection:** The IP66 rating ensures protection against dust and water jets. While designed for outdoor use, avoid submerging the camera in water.



Image: The SEHMUA DL201 camera shown in various weather conditions (sunny, cloudy, rainy, snowy) to illustrate its IP66 weather resistance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera fails to connect to WiFi.	Incorrect WiFi password; 5GHz WiFi network; camera too far from router.	Ensure correct 2.4GHz WiFi password. Move camera closer to the router or use a WiFi extender. Confirm your router is broadcasting a 2.4GHz signal.
Poor image quality.	Dirty lens; low light conditions; network bandwidth issues.	Clean the camera lens. Ensure adequate lighting or activate color night vision. Check your internet connection speed.
Motion detection alerts are too frequent or not triggered.	Sensitivity settings; detection zone not optimized.	Adjust motion detection sensitivity in the Ubox app. Configure custom detection zones to exclude irrelevant areas.
Battery not charging via solar panel.	Insufficient sunlight; dirty solar panel; faulty connection.	Ensure solar panel is in direct sunlight for several hours daily. Clean the solar panel surface. Check the connection cable between the panel and camera.
App occasionally disconnects or freezes.	App glitch; poor network connection; camera firmware issue.	Close and reopen the Ubox app. Check your internet connection. Ensure camera firmware is up to date via the app settings.

8. SPECIFICATIONS

Feature	Detail
Brand	SEHMUA
Model Name	DL201
Connectivity Technology	Wireless (Wi-Fi 2.4GHz only)
Special Features	Two-way audio, HD Resolution (2K), PTZ Technology, Night Vision (Color/Infrared)
Usage Environment	Outdoor (IP66 Weatherproof)
Power Source	Solar Power / Rechargeable Battery
Mounting Type	Wall Mount
Video Capture Resolution	2K
Digital Zoom	4x
Night Vision Range	20 Meters
Storage Options	MicroSD card (up to 128GB), Cloud Storage
Control Method	Mobile Application (Ubox)
Item Dimensions	26.3 x 19.4 x 14.3 cm

9. WARRANTY AND SUPPORT

For warranty information or technical assistance, please refer to the documentation included with your purchase or contact SEHMUA customer support. You can also visit the [SEHMUA Brand Store on Amazon](#) for additional resources.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question