



DH001

3/4G LTE Cellular Security Camera Wireless Outdoor Instruction Manual

Model: DH001 | Brand: Generic

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your 3/4G LTE Cellular Security Camera. Designed for outdoor use, this camera offers 2K PTZ (Pan-Tilt-Zoom) viewing, night vision, PIR human detection, and two-way audio communication, all powered by a solar panel and cellular network, eliminating the need for Wi-Fi.

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

2. PRODUCT OVERVIEW

The 3/4G LTE Cellular Security Camera (Model DH001) is a robust surveillance solution for areas without traditional Wi-Fi access. Key features include:

- **2K Resolution:** 2560*1440 highest resolution, output 4MP clear real-time picture.
- **Advanced Night Vision:** Adopt star-level image sensor, full color night vision; support digital wide dynamic. High-power white light for full color day and night vision.
- **3G/4G LTE Connectivity:** Supports 3G/4G TEL network with built-in 4G module (Nano SIM card included).
- **Pan/Tilt Functionality:** The pan/tilt rotates, 300° horizontal viewing angle, and 90° vertical viewing angle.
- **Two-Way Audio:** Built-in high-decibel speakers and pickups, support 2-way audio for communication.
- **Local Storage:** Support 128GB TF card for recording, playback, and download.
- **Weatherproof Design:** IP65 rated, suitable for various indoor and outdoor application scenarios.



Figure 2.1: The 3/4G LTE Cellular Security Camera with its accompanying solar panel.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- Camera Body (1 unit)
- 7W Solar Panel (1 unit)
- Screws for mounting
- User Manual (this document)
- SIM Card (pre-installed or included separately)
- SD Card (pre-installed or included separately)

If any items are missing or damaged, please contact customer support immediately.

4. SETUP GUIDE

4.1 SIM Card and SD Card Installation

The camera operates using a 4G Nano SIM card for cellular connectivity and an SD card for local storage. Ensure these are properly installed before mounting.

4G LTE Operating mode

Built-in 4G module, support domestic 4G LTE (Nano card),
no need to connect network cable, no Wi-Fi, just use



No fiber required



4G Nano card

Figure 4.1: The camera operates via a built-in 4G module, requiring a Nano SIM card for remote access without Wi-Fi.

1. Locate the SIM card slot and SD card slot on the camera body. Refer to the diagram in the user manual for exact location.
2. Insert the provided Nano SIM card into the SIM card slot. Ensure it is inserted correctly according to the orientation indicated.
3. Insert the provided 128GB TF (microSD) card into the SD card slot.
4. Close the protective cover securely to maintain IP65 weather resistance.

Note: Some users have reported that initial setup may require connecting to a Wi-Fi network for the SIM card to activate. If you experience connectivity issues, temporarily connect the camera to a Wi-Fi network during the initial setup process via the mobile application.

4.2 Solar Panel Installation and Connection

The solar panel provides continuous power to the camera's built-in rechargeable battery, ensuring long-term operation without manual charging.

Battery power supply + Solar panel

Built-in rechargeable battery, Ultra low power system optimization,
Energy-saving, Long Standby



Figure 4.2: The solar panel connects to the camera via a power cord, providing continuous battery charging.

1. Choose a mounting location for the solar panel that receives maximum direct sunlight throughout the day. Avoid shaded areas.
2. Mount the solar panel securely using the provided screws and mounting bracket. Adjust its angle to optimize sun exposure.
3. Connect the solar power cord from the solar panel to the designated power input port on the camera.
4. Mount the camera in your desired location, ensuring it has a clear view and is within reach of the solar panel's power cord.

Note: For optimal charging, ensure the solar panel is positioned to receive direct sunlight for several hours daily. Suboptimal positioning may lead to insufficient charging.

4.3 Mobile Application Setup

To control and monitor your camera, download the dedicated mobile application.

1. Scan the QR code in the quick start guide or search for the "SriHome" app in your device's app store (iOS App Store

or Google Play Store).

2. Download and install the application.
3. Open the app and follow the on-screen instructions to create an account and add your camera. This typically involves scanning a QR code on the camera or entering its device ID.
4. Once added, you can access live view, recordings, and camera settings.

5. OPERATING INSTRUCTIONS

5.1 Live View and Pan/Tilt Control

Access the live video feed and control the camera's movement through the mobile application.

- Open the SriHome app and select your camera from the device list.
- The live video feed will appear.
- Use the on-screen joystick or directional arrows to pan the camera horizontally (300° view) and tilt it vertically (90° view).

5.2 Two-Way Audio Communication

The camera supports two-way audio, allowing you to listen and speak through the camera.



Figure 5.1: The two-way audio feature enables real-time communication with individuals near the camera.

- While in live view, tap the microphone icon to enable two-way audio.
- Speak into your phone's microphone to transmit your voice through the camera's speaker.
- The camera's built-in pickup will transmit audio from the camera's location to your phone.

5.3 Night Vision Modes

The camera offers versatile night vision capabilities, including full-color night vision.

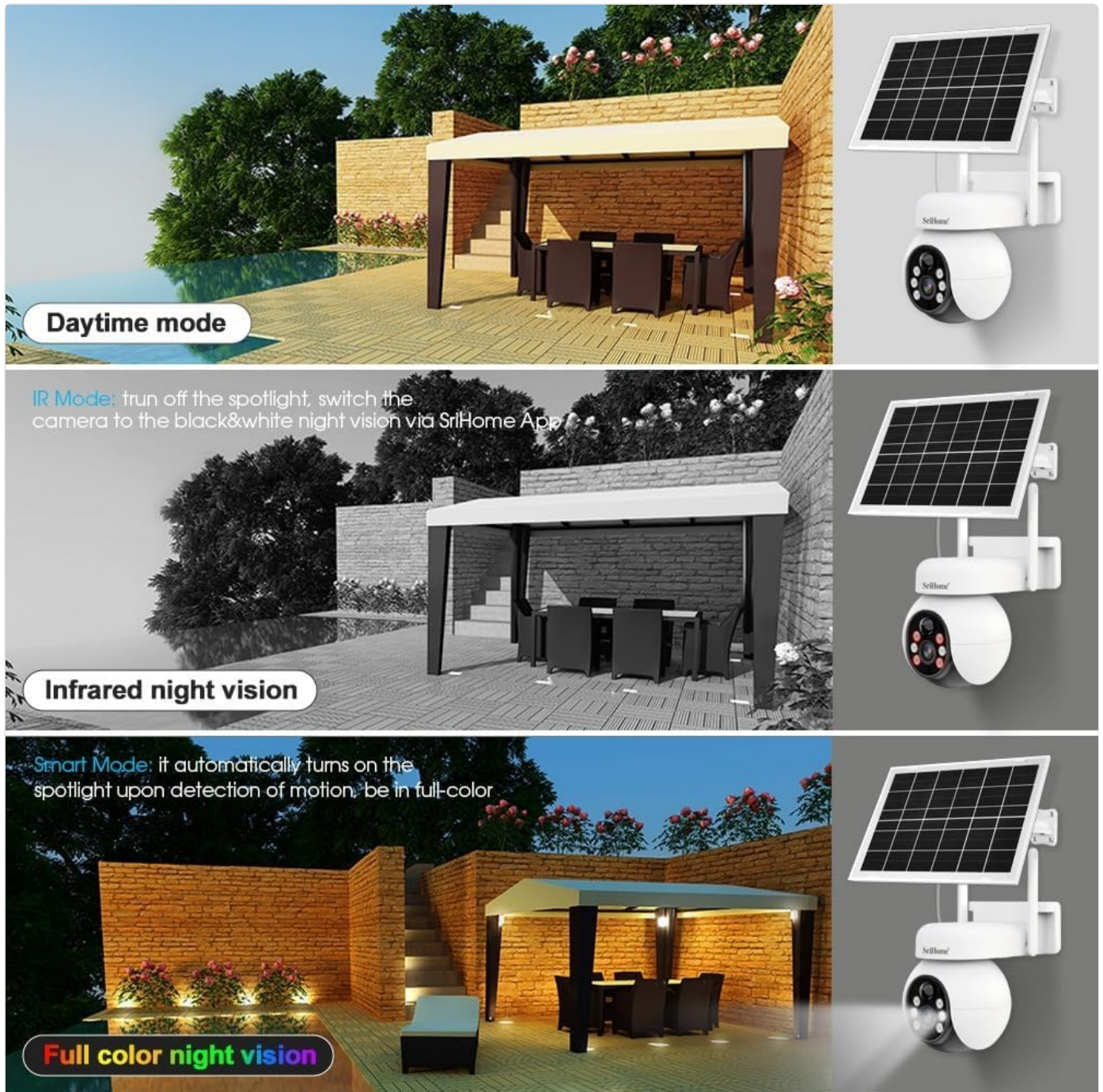


Figure 5.2: The camera supports daytime, infrared (black & white), and full-color night vision modes.

- **Daytime Mode:** Standard color video during daylight hours.
- **IR Mode (Infrared Night Vision):** Provides black and white video in low light conditions. This can be manually selected via the SriHome App.
- **Smart Mode (Full Color Night Vision):** The spotlight automatically turns on upon detection of motion, enabling full-color video even at night.

5.4 Recording, Playback, and Download

Recordings are stored on the installed TF card and can be accessed via the mobile app.

- **Recording:** The camera automatically records based on motion detection or continuous recording settings configured in the app.
- **Playback:** Navigate to the "Playback" section in the app to view recorded footage from the TF card.
- **Download:** Select specific video clips from the playback timeline to download them directly to your mobile device.

6. MAINTENANCE

6.1 Cleaning

Regular cleaning ensures optimal performance and image clarity.

- Gently wipe the camera lens and solar panel surface with a soft, damp cloth to remove dust, dirt, or smudges.
- Do not use harsh chemicals or abrasive materials, as these can damage the surfaces.

6.2 Weather Resistance (IP65)

The camera is rated IP65, providing protection against dust and water jets. This makes it suitable for outdoor use in various weather conditions.



Figure 6.1: The IP65 rating ensures the camera is protected against dust and water, making it suitable for outdoor environments.

While designed for outdoor use, avoid submerging the camera in water or exposing it to extreme pressure water jets.

6.3 Battery and Solar Panel Care

To maximize battery life and solar charging efficiency:

- Ensure the solar panel remains clean and free of obstructions (leaves, snow, dirt) that could block sunlight.
- Periodically check the solar panel's mounting angle to ensure it is still optimized for sun exposure, especially after seasonal changes.
- If the camera is stored for an extended period, ensure the battery is charged to at least 50% to prevent deep discharge.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to 4G network.	SIM card not activated or improperly inserted; weak cellular signal; network configuration issue.	<ul style="list-style-type: none"> • Ensure the Nano SIM card is correctly inserted and activated with a data plan. • Try connecting the camera to a temporary Wi-Fi network during initial setup to facilitate SIM card activation. • Relocate the camera to an area with better cellular signal strength. • Check the SIM card's data balance and ensure it is active.
Solar panel not charging the battery effectively.	Insufficient sunlight; dirty solar panel; faulty connection.	<ul style="list-style-type: none"> • Ensure the solar panel is positioned in an area that receives direct sunlight for most of the day, free from shade. • Clean the surface of the solar panel regularly to remove dust and debris. • Verify that the solar power cord is securely connected to both the panel and the camera.
Cannot download or view recorded videos from the app.	SD card issue; app software limitation; network connectivity.	<ul style="list-style-type: none"> • Ensure the 128GB TF card is properly inserted and not full. • Check the app for available updates, as software improvements may address playback/download issues. • Verify stable cellular or Wi-Fi connection on your mobile device for accessing recordings. • If issues persist, contact customer support for app-specific guidance.
Poor night vision quality.	Lens obstruction; insufficient ambient light for full color mode; IR illuminator issue.	<ul style="list-style-type: none"> • Clean the camera lens. • Ensure no objects are blocking the camera's view or reflecting light back into the lens. • Verify that the spotlight for full-color night vision is not obstructed and is functioning.

8. SPECIFICATIONS

Feature	Detail
Model Number	DH001
Indoor/Outdoor Use	Outdoor
Compatible Devices	Smartphone
Power Source	Solar Powered (with included 7W Solar Panel)
Connectivity Protocol	Cellular (3G/4G LTE)
Controller Type	Digital
Mounting Type	Wall Mount
Video Capture Resolution	2K (2560x1440), 4MP output
Color	WHITE
Number of Channels	2 (Two-way audio)
Form Factor	PTZ (Pan-Tilt-Zoom)
Item Dimensions (L x W x H)	24 x 8 x 13 centimeters
Item Weight	1.26 Kilograms
Batteries	1 A batteries required (included), Lithium Ion
Special Features	HD Resolution, Full Color Night Vision, PIR Human Detection
Storage	Supports up to 128GB TF card
Pan/Tilt Angles	300° Horizontal, 90° Vertical
Weather Rating	IP65

9. WARRANTY AND SUPPORT

For product support, troubleshooting assistance, or warranty inquiries, please contact the seller or manufacturer directly through the platform where the product was purchased.

Extended warranty options may be available for purchase separately:

- 1-Year Extended Warranty by Salama Care
- 2-Year Extended Warranty by Salama Care

Please refer to the specific terms and conditions of any extended warranty plans at the time of purchase.