

SHANNA Kamera-5G/2.4GHz

SHANNA Kamera-5G/2.4GHz Outdoor Solar Wireless Security Camera User Manual

Model: Kamera-5G/2.4GHz | Brand: SHANNA

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SHANNA Kamera-5G/2.4GHz Outdoor Solar Wireless Security Camera. This camera is designed for outdoor surveillance, featuring dual-band WiFi connectivity, 2K 4MP resolution, AI human detection, 360° pan-tilt-zoom (PTZ) capabilities, two-way audio, and IP66 weather resistance, powered by an integrated solar panel and 8000mAh battery for continuous operation.

2. PRODUCT OVERVIEW AND FEATURES



Image 2.1: SHANNA outdoor solar security camera highlighting PTZ, dual-band WiFi, night vision, and human detection capabilities.

- **Dual-Band WiFi Support:** Compatible with both 5GHz and 2.4GHz WiFi networks, offering flexible and stable connectivity options.

- **Continuous Solar Power:** Equipped with an 8000mAh battery and a 7W solar panel, ensuring uninterrupted operation throughout the year.
- **2K 4MP High Resolution:** Delivers clear and detailed 2K 4MP video, with 10x digital zoom for enhanced viewing.
- **Color Night Vision:** Provides full-color night vision up to 20 meters, even in low-light conditions.
- **AI Human Detection:** Advanced AI filters out up to 95% of false alarms, focusing on human, pet, and vehicle movement.
- **Instant Alerts & Siren:** Sends immediate notifications and activates a loud siren and bright white light to deter intruders.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication.
- **360° PTZ Coverage:** Offers 355° horizontal pan and 90° vertical tilt for comprehensive area monitoring.
- **IP66 Weatherproof:** Designed to withstand harsh weather conditions, including heavy rain and snow.
- **Dual Storage Options:** Supports cloud storage and local Micro SD card storage (up to 256GB, card not included).

3. PACKAGE CONTENTS

Verify that all items are present in the box:

- SHANNA Wireless Solar Outdoor Camera (1 unit)
- Mounting Bracket
- Screws and Wall Plugs
- User Manual

4. SETUP AND INSTALLATION

4.1 Physical Installation



Image 4.1: Step-by-step guide for physical camera installation.

1. **Choose a Location:** Select an outdoor location with good sunlight exposure for the solar panel and a clear view of the area to be monitored. Ensure the camera is within range of your WiFi network.
2. **Mount the Bracket:** Use the provided screws and wall plugs to securely fix the mounting bracket to the desired surface.
3. **Attach the Camera:** Slide the camera onto the mounted bracket until it clicks into place.
4. **Adjust Angle:** Loosen the adjustment screws on the bracket to set the initial camera angle, then tighten them.

4.2 App Installation and Connection

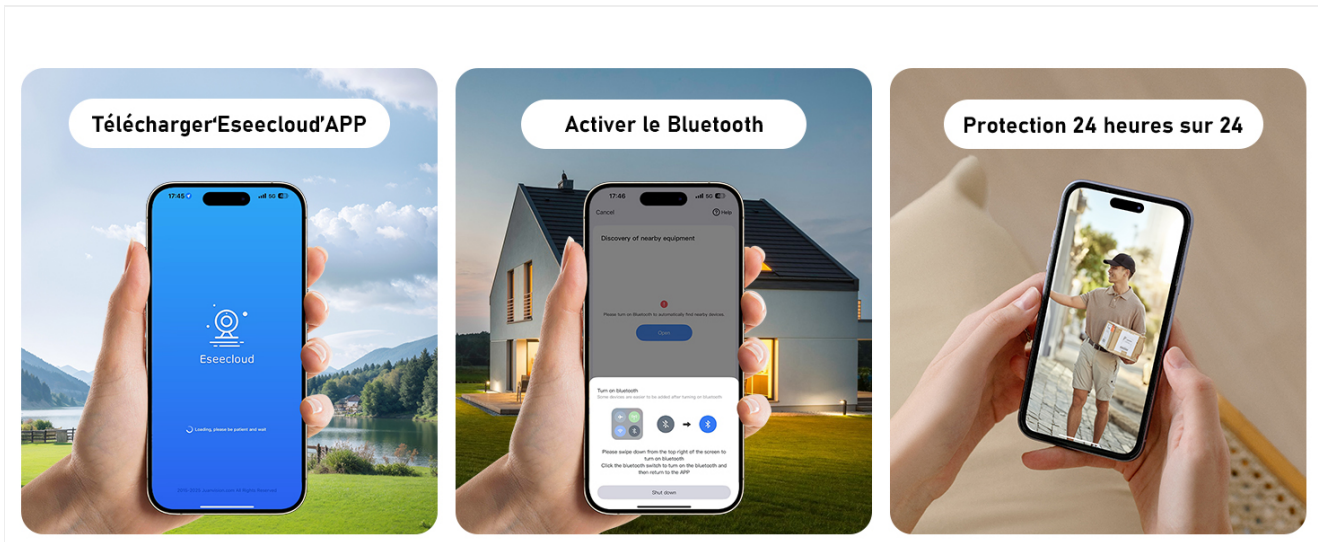


Image 4.2: Smartphone screens showing the app interface for camera setup.

1. **Download the App:** Scan the QR code on the camera or in the manual, or search for the recommended app (e.g., 'EseeCloud' or similar as indicated in the product packaging) in your smartphone's app store.
2. **Create Account:** Open the app and follow the on-screen instructions to create a new user account.
3. **Add Device:** Select 'Add Device' or the '+' icon within the app.
4. **Connect to WiFi:** Follow the app's prompts to connect the camera to your home WiFi network. The camera supports both 2.4GHz and 5GHz bands. Ensure your phone is connected to the same WiFi network during setup.
5. **Scan QR Code:** The app may ask you to scan a QR code located on the camera itself to pair the device.
6. **Complete Setup:** Once connected, name your camera and complete the initial setup process.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

- Open the app to view live footage from your camera.
- Access recorded videos from cloud storage or the Micro SD card via the playback function.

5.2 Pan-Tilt-Zoom (PTZ) Control



Image 5.1: Camera demonstrating 355° pan and 90° tilt capabilities.

- In the live view interface, use the directional controls to pan the camera horizontally (355°) and tilt it vertically (90°).
- Pinch to zoom in or out for 10x digital zoom.

5.3 Two-Way Audio



Image 5.2: Illustrating two-way audio communication via the camera.

- Tap the microphone icon in the app to speak through the camera's speaker.
- Listen to audio from the camera's microphone through your smartphone.

5.4 AI Motion Detection and Alerts

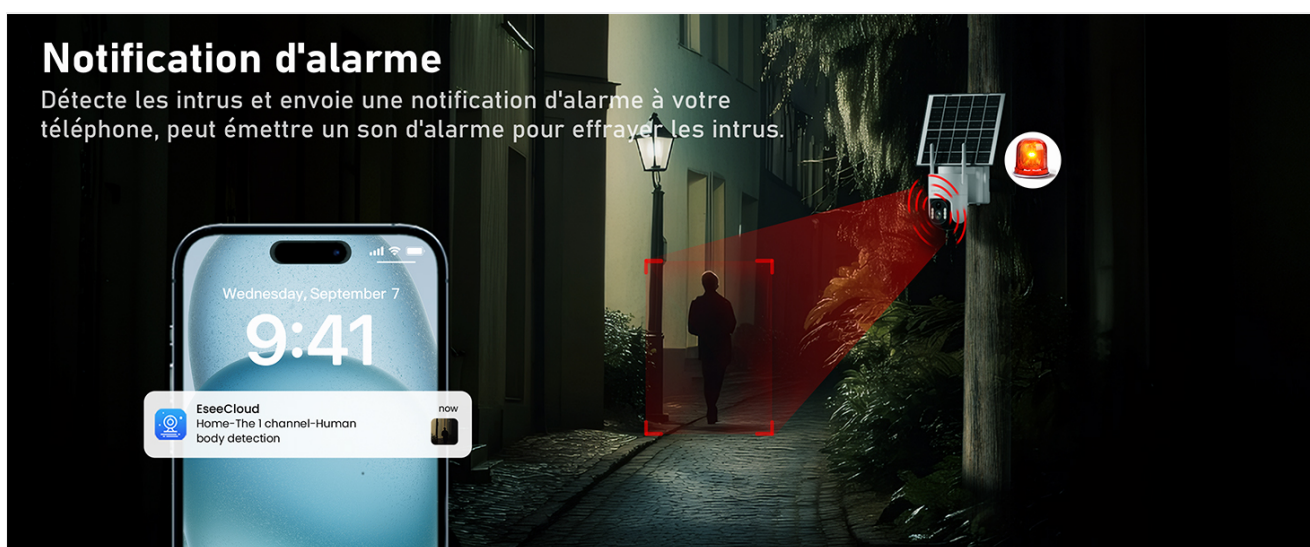


Image 5.3: Smartphone notification for detected motion and intrusion detection system.

- Enable motion detection in the app settings.
- Configure AI detection to filter for humans, pets, or vehicles.
- Set up instant push notifications to your smartphone when motion is detected.
- Activate the siren and white light alarm feature for deterrence.

5.5 Night Vision Modes

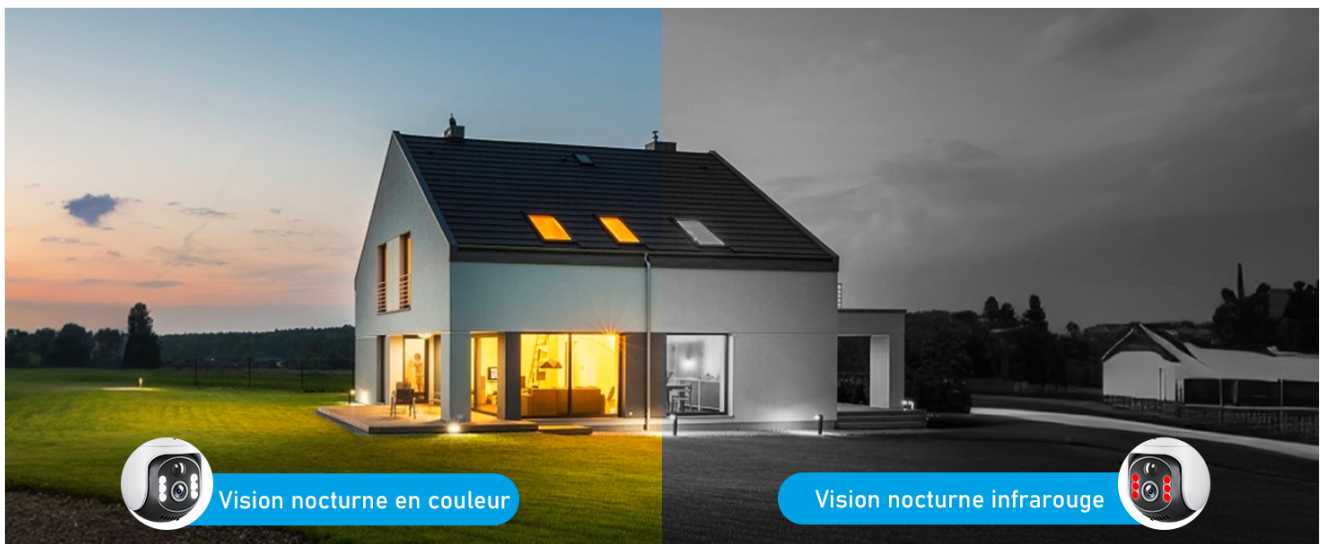


Image 5.4: Comparison of color night vision and infrared night vision modes.

- The camera automatically switches to night vision in low light.
- Choose between full-color night vision or infrared (black and white) night vision in the app settings.

5.6 Storage Management



Image 5.5: Cloud storage and Micro SD card support options.

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the designated slot for local storage.
- **Cloud Storage:** Subscribe to the optional cloud storage service through the app for secure off-site video backup.

6. MAINTENANCE

6.1 Cleaning

- Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance and charging efficiency.
- Avoid using harsh chemicals or abrasive materials.

6.2 Power Management

Charge haute puissance, garantissant 365 jours en veille



7W
Panneau solaire



8000mAh
Batterie



Facile
installer

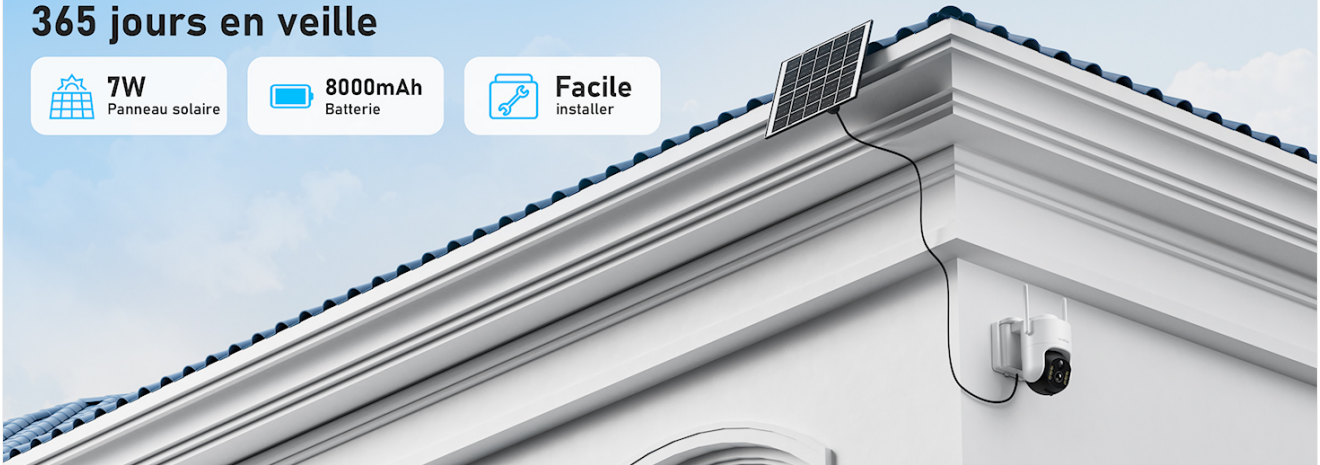


Image 6.1: Solar camera highlighting high power charging and 365-day standby.

- Ensure the solar panel is positioned to receive maximum direct sunlight.
- Check the battery level periodically via the app.

6.3 Weather Protection

Étanchéité IP66

La qualité robuste ne craint pas les intempéries



Pluvieux



Neige



Protection solaire

60°C



-25°C



Image 6.2: Camera demonstrating IP66 weather resistance against various elements.

- The camera is IP66 rated, but extreme weather conditions may still affect performance.
- Ensure all connections are secure to maintain waterproofing.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to WiFi	Incorrect WiFi password; Camera too far from router; Router not dual-band compatible or 5GHz selected when 2.4GHz is needed.	Verify password; Move camera closer to router; Ensure router supports dual-band (2.4GHz and 5GHz) and select the correct band during setup.
Poor video quality	Weak WiFi signal; Dirty lens; Insufficient lighting.	Improve WiFi signal strength; Clean the camera lens; Ensure adequate lighting for night vision.

Problem	Possible Cause	Solution
Battery not charging	Solar panel obstructed or not receiving enough sunlight; Faulty connection.	Relocate solar panel for direct sunlight; Clear any obstructions; Check cable connections.
Frequent false alarms	Motion detection sensitivity too high; AI detection not configured correctly.	Adjust motion detection sensitivity in the app; Ensure AI human detection is enabled to filter out non-human movements.

8. SPECIFICATIONS

Feature	Detail
Model Name	Kamera-5G/2.4GHz
Model Number	N33-100-22
Recommended Use	Outdoor Security
Connectivity Technology	Wireless (Wi-Fi)
Special Feature	2.4 GHz and 5 GHz Dual-Band WiFi
Indoor/Outdoor Use	Outdoor
Mounting Type	Wall Mount
Video Recording Resolution	2K (4MP)
Video Capture Format	AVI
International Protection Rating	IP66
Battery Capacity	8000mAh
Solar Panel Power	7W
Item Dimensions	10 x 15 x 15 centimeters
Country of Origin	China

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official SHANNA website. Keep your purchase receipt for warranty claims.