

## SHANNA N33-100-22

# SHANNA Tuya 4G LTE Camera N33-100-22 Instruction Manual

Model: N33-100-22

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SHANNA Tuya 4G LTE Camera, model N33-100-22. This outdoor security camera operates on a 4G LTE cellular network, eliminating the need for a Wi-Fi connection. It features 2K video resolution and is designed for reliable outdoor surveillance.

## 2. SAFETY INFORMATION

- Ensure the camera is installed securely to prevent accidental falls.
- Do not expose the camera to extreme temperatures outside its operating range.
- Use only the specified power source and charging accessories.
- Keep the camera and its components out of reach of children.
- Avoid disassembling the camera, as this will void the warranty and may cause damage.
- Regularly clean the solar panel to ensure optimal charging efficiency.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- SHANNA Tuya 4G LTE Camera (Model N33-100-22)
- Solar Panel
- Mounting Bracket and Screws
- User Manual (this document)
- 2 x A Batteries (pre-installed or included separately)



*Figure 1: SHANNA Tuya 4G LTE Camera. This image displays the SHANNA Tuya 4G LTE Camera, highlighting its robust outdoor casing and integrated solar panel for continuous power.*

## 4. SETUP

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### 4.1 Initial Preparation

1. **Charge the Camera:** Although equipped with a solar panel, it is recommended to fully charge the camera's internal batteries using a compatible USB power adapter (not included) before initial installation. This ensures sufficient power for setup.
2. **Download the App:** Search for "Tuya Smart" or "Smart Life" in your mobile device's app store (iOS or Android) and install the application.
3. **Create an Account:** Open the app and follow the on-screen instructions to register a new account or log in if you already have one.

### 4.2 Connecting the Camera to the App

4. **Power On:** Ensure the camera is powered on. The camera will automatically attempt to connect to the 4G LTE network.
5. **Add Device:** In the Tuya Smart app, tap the "+" icon (usually in the top right corner) to add a new device.
6. **Select Device Type:** Choose "Security & Video Surveillance" and then "Smart Camera (4G)".

7. **Follow In-App Instructions:** The app will guide you through the pairing process. This typically involves scanning a QR code displayed on your phone with the camera, or listening for an audible prompt from the camera.
8. **Name the Camera:** Once connected, assign a name to your camera for easy identification.

### 4.3 Mounting the Camera

9. **Choose a Location:** Select an outdoor location with a clear view of the area you wish to monitor and sufficient direct sunlight exposure for the solar panel.
10. **Install Bracket:** Use the provided screws and mounting bracket to securely attach the camera to a wall or suitable surface.
11. **Adjust Angle:** Adjust the camera's angle to cover the desired surveillance area. Ensure the solar panel is positioned to receive maximum sunlight throughout the day.
12. **Connect Solar Panel:** Connect the solar panel cable to the camera's charging port.

## 5. OPERATING THE CAMERA

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### 5.1 Live View and Recording

- **Access Live View:** Open the Tuya Smart app and select your camera from the device list to view the live feed.
- **Manual Recording:** Tap the record button in the app to manually start or stop video recording. Recorded footage is typically stored on a microSD card (if installed) or cloud storage (subscription may be required).
- **Screenshot:** Use the screenshot button to capture still images from the live feed.

### 5.2 Motion Detection and Alerts

- **Enable Motion Detection:** Navigate to the camera settings in the app to enable motion detection.
- **Adjust Sensitivity:** Set the motion detection sensitivity to an appropriate level to minimize false alarms.
- **Receive Alerts:** When motion is detected, the camera will automatically record footage and send push notifications to your mobile device.

### 5.3 Pan and Tilt Functionality

If your camera model supports pan and tilt, use the directional controls within the Tuya Smart app to remotely adjust the camera's horizontal and vertical viewing angles. This allows for a wider surveillance coverage.

### 5.4 Night Vision

The camera is equipped with night vision capabilities, providing clear video footage even in low-light or complete darkness. This feature typically activates automatically.

## 6. MAINTENANCE

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- **Cleaning:** Periodically clean the camera lens and solar panel with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals.
- **Solar Panel Efficiency:** Ensure the solar panel remains free from obstructions (e.g., leaves, snow) to maintain optimal charging performance.
- **Firmware Updates:** Check the Tuya Smart app regularly for available firmware updates. Keeping the camera's firmware updated ensures optimal performance and security.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera is offline	Low battery; No 4G signal; App connection issue.	Check battery level in the app. Ensure solar panel is clean and receiving sunlight. Relocate the camera to an area with better 4G coverage. Restart the camera and the Tuya Smart app.
No motion detection alerts	Motion detection disabled; Sensitivity too low; App notifications blocked.	Enable motion detection in app settings. Increase motion detection sensitivity. Check your phone's notification settings for the Tuya Smart app.
Poor video quality	Dirty lens; Low light conditions; Weak 4G signal.	Clean the camera lens. Ensure adequate lighting or rely on night vision. Verify strong 4G signal strength.

## 8. SPECIFICATIONS

- **Model:** N33-100-22
- **Brand:** SHANNA
- **Connectivity:** 4G LTE Cellular
- **Video Resolution:** 2K
- **Usage:** Outdoor
- **Mounting Type:** Wall Mount
- **Dimensions:** 11 x 14 x 20 cm
- **Weight:** 1.04 kg
- **Batteries:** 2 x A batteries (included)
- **Power Source:** Solar Panel, Battery
- **Included Components:** Tuya 4G solar security camera, solar panel

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official SHANNA website or contact their customer service directly. Details can typically be found on the product packaging or the manufacturer's official online resources.