

## SHANNA N33-100-5G

# SHANNA N33-100-5G 2K PTZ Solar Outdoor Security Camera User Manual

Model: N33-100-5G | Brand: SHANNA

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SHANNA N33-100-5G 2K PTZ Solar Outdoor Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

## 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.

- SHANNA N33-100-5G Solar Outdoor Security Camera
- Solar Panel (integrated)
- Mounting Bracket
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual (this document)

## 3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your security camera.



**Figure 3.1:** Front view of the SHANNA N33-100-5G Solar Outdoor Security Camera. This image displays the camera lens, integrated solar panel, and spotlight, highlighting its compact design for outdoor installation.

- **Camera Lens:** Captures 2K resolution video.
- **Spotlight:** Provides illumination for color night vision and acts as a deterrent.
- **Infrared LEDs:** For standard black and white night vision.
- **Microphone:** For audio input during two-way communication.
- **Speaker:** For audio output during two-way communication and alarm.
- **Solar Panel:** Charges the internal 8000mAh battery.
- **Antenna:** For Wi-Fi connectivity (2.4GHz and 5GHz).
- **Mounting Base:** For secure installation.
- **Reset Button:** To restore factory settings.
- **Micro SD Card Slot:** For local video storage (up to 128GB, card not included).

## 4. SETUP

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### 4.1 Initial Charging

Before initial use, fully charge the camera's built-in 8000mAh battery using the provided USB cable and a standard 5V/2A USB power adapter (not included). The solar panel will maintain the charge after installation, but a full initial

charge ensures optimal performance.

## 4.2 App Installation and Account Creation

Download the recommended mobile application (refer to packaging or quick start guide for app name) from your device's app store (Google Play Store for Android, Apple App Store for iOS). Install the app and create a user account following the on-screen instructions.

## 4.3 Camera Connection to Wi-Fi

1. Power on the camera.
2. Open the mobile app and select "Add Device" or the '+' icon.
3. Follow the in-app instructions to connect the camera to your Wi-Fi network. The camera supports both 2.4GHz and 5GHz Wi-Fi bands for flexible connectivity.
4. Ensure the camera is within range of your Wi-Fi router during the setup process.

## 4.4 Mounting the Camera

Select a suitable outdoor location that provides a clear view of the area you wish to monitor and receives ample direct sunlight for the solar panel. Use the provided mounting bracket, screws, and wall plugs for secure installation. Ensure the camera is mounted at a height that allows for optimal detection and coverage, typically 2-3 meters (6-10 feet) above the ground.

# 5. OPERATING INSTRUCTIONS

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## 5.1 Live View and Playback

Open the mobile app and select your camera to access the live video feed. From the live view interface, you can initiate manual recordings, take screenshots, and access recorded footage stored on the Micro SD card or cloud service (if subscribed).

## 5.2 Pan-Tilt-Zoom (PTZ) Control

The camera features 360° pan and tilt capabilities. Use the directional controls within the app's live view to adjust the camera's viewing angle remotely. This allows for comprehensive coverage of your outdoor area.

## 5.3 Motion Detection and Alerts

Configure motion detection settings in the app. You can adjust sensitivity, set detection zones, and schedule detection times. When motion is detected, the camera will record an event and send instant notifications to your mobile device. The integrated spotlight can also be configured to activate upon motion detection.

## 5.4 Two-Way Audio

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

## 5.5 Night Vision Modes

The camera offers multiple night vision modes:

- **Infrared Night Vision:** Provides clear black and white video in low-light conditions up to 20 meters.
- **Color Night Vision:** Activates the built-in spotlight to provide full-color video at night, enhancing detail and identification.
- **Smart Night Vision:** Automatically switches between infrared and color night vision based on detected motion or ambient light.

## 6. MAINTENANCE

### 6.1 Cleaning

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

### 6.2 Battery Care

The integrated lithium-polymer battery is designed for long-term use. Ensure the solar panel receives adequate sunlight to keep the battery charged. In prolonged periods of low sunlight, you may need to manually charge the camera via USB.

### 6.3 Firmware Updates

Check the mobile app periodically for available firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features and security enhancements.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; camera too far from router; router settings (e.g., MAC filtering).	Verify password; move camera closer to router; check router settings or try a different Wi-Fi band (2.4GHz/5GHz). Reset the camera and try again.
Poor image quality	Dirty lens; low light conditions; network bandwidth issues.	Clean the lens; ensure adequate lighting or enable color night vision; check Wi-Fi signal strength.
Battery not charging	Insufficient sunlight on solar panel; faulty solar panel/cable; extremely cold weather.	Relocate camera to a sunnier spot; check connections; manually charge via USB.
Motion alerts not received	Motion detection disabled; app notification settings incorrect; network issues.	Enable motion detection in app; check app notification permissions on your phone; ensure stable internet connection.

## 8. SPECIFICATIONS

Model Number	N33-100-5G
Brand	SHANNA
Video Resolution	2K
Connectivity	Wi-Fi (2.4GHz & 5GHz)
Battery Capacity	8000 mAh (Lithium-polymer)
Solar Panel Power	6W

Night Vision Range	Up to 20 meters (Color Night Vision)
PTZ Rotation	360° Pan, 90° Tilt
Storage Options	Micro SD Card (up to 128GB, not included), Cloud Storage (subscription may be required)
Dimensions (L x W x H)	10 x 15 x 15 cm (approximate)
Weight	1.2 kg (approximate)
Usage Environment	Outdoor

## 9. WARRANTY AND SUPPORT

SHANNA products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or contact SHANNA customer support directly. If you encounter any issues or have questions regarding your camera, please visit the official SHANNA website or contact their customer service team for assistance. Please have your model number (N33-100-5G) and purchase details ready when contacting support.