GUOANVISION S800

GUOANVISION S800 5G/2.4G Outdoor/Indoor Security Camera User Manual

Model: S800

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your GUOANVISION S800 5G/2.4G Outdoor/Indoor Security Camera. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance.

2. PRODUCT OVERVIEW

The GUOANVISION S800 is a versatile security camera designed for both indoor and outdoor surveillance. It supports dual-band 5G and 2.4G Wi-Fi connectivity for stable data transmission. Key features include AI-powered motion tracking, automatic 3X zoom, multiple night vision modes (IR, full color, double-light), two-way audio communication, and various recording options.

Figure 2.1: The GUOANVISION S800 camera is suitable for both indoor and outdoor environments, featuring an IP66 waterproof rating for protection against rain and other weather conditions.

3. INSTALLATION AND SETUP

3.1 Physical Installation

The camera can be mounted on a ceiling or placed on a flat surface. Ensure the mounting location provides a clear view of the area you wish to monitor and is within range of your Wi-Fi network.

1. Securely tighten the camera holder to the base or mounting surface.
2. Attach the camera unit to the holder, ensuring all connections are firm.

3.2 Power Connection and App Setup

Follow these steps to power on your camera and connect it to the mobile application:

Figure 3.1: Visual guide for connecting the camera, including tightening components, inserting the USB-C cable, downloading the app, enabling Bluetooth, and pairing the device.

1. Insert the USB-C cable into the camera's power port.

2. Download the GUOANVISION application from your device's app store.

3. Turn on Bluetooth on your mobile device.

4. Open the GUOANVISION app and follow the on-screen instructions to add and connect your camera. Ensure your camera is near your mobile device during the initial setup.

5. Select your 5G or 2.4G Wi-Fi network and enter the password when prompted.

4. OPERATING INSTRUCTIONS

4.1 Motion Detection and Tracking

The camera features intelligent motion detection and automatic tracking. When a moving object (human or pet) is detected, the camera will automatically track its movement and zoom in 3X to capture details.

Figure 4.1: The camera's motion tracking and auto zoom capabilities are shown, focusing on a moving object (e.g., a dog) to capture detailed footage.

Upon detection, the camera can trigger an instant alarm, including a voice siren, light alarm, and push notifications to your mobile device.
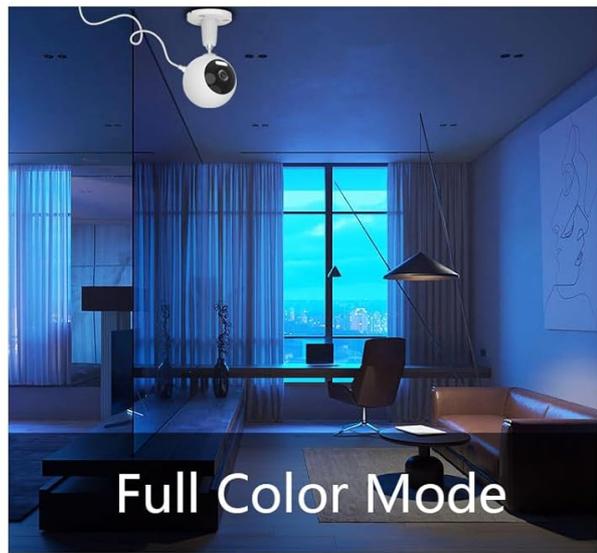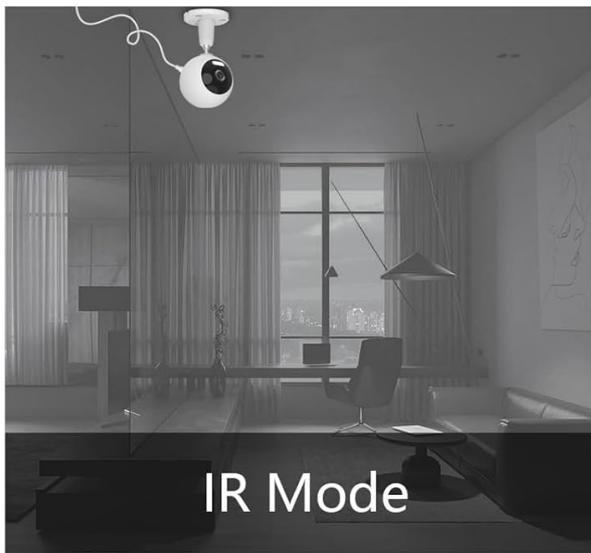
Figure 4.2: An illustration of the camera's instant alarm system, showing detection of an unauthorized presence, automatic 3X zoom, and various alert methods including voice, light, and mobile notifications.
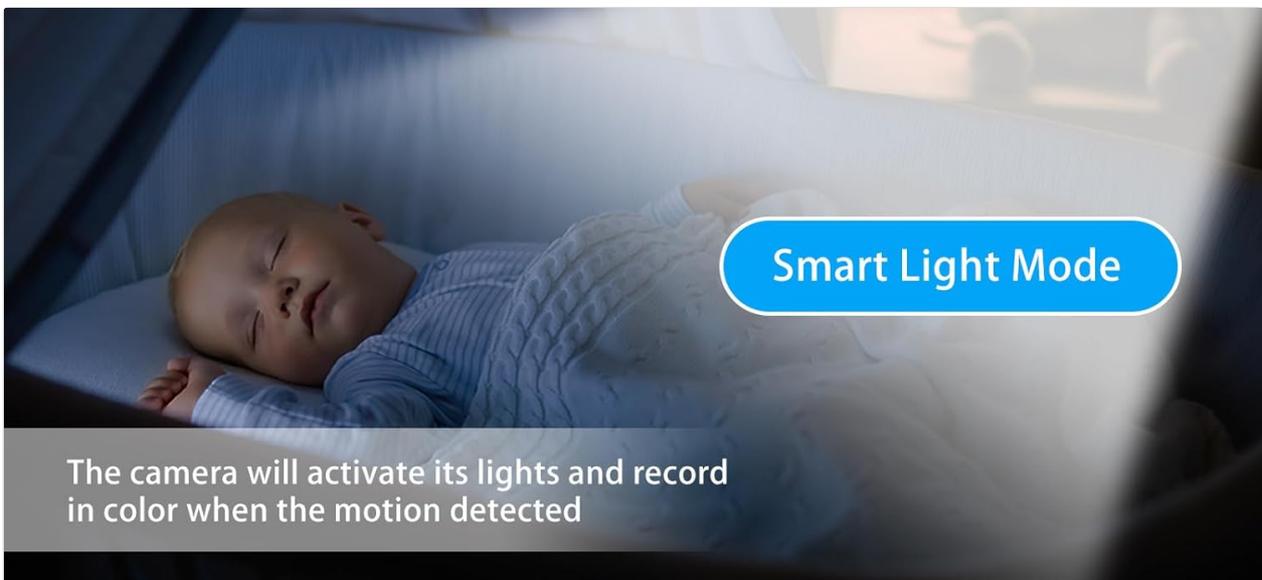
4.2 Night Vision Modes

The S800 camera offers multiple night vision modes to ensure clear visibility up to 30 feet in low-light conditions:

- **IR Mode:** Standard infrared black and white night vision.
- **Full Color Mode:** Provides color night vision using ambient light or built-in illumination.
- **Double-Light Mode:** Combines IR and white light for enhanced visibility and color recording when motion is detected.
- **Smart Light Mode:** The camera activates its lights and records in color when motion is detected in dark environments.

Figure 4.3: Visual representation of the camera's night vision capabilities, including Double-Light Mode for combined illumination, standard Infrared (IR) Mode, and Full Color Mode.

Figure 4.4: Demonstrates the Smart Light Mode, where the camera automatically illuminates and records in color when motion is detected, contrasting with the standard IR (infrared) mode.

4.3 Two-Way Audio

The built-in microphone and speaker allow for clear two-way communication. You can speak to individuals near the camera and hear their responses through the mobile application.

4.4 Recording and Storage

The camera supports 24/7 continuous recording. Video footage can be stored via a local SD card (up to 128GB, not included) or through cloud storage services. Advanced encryption technology protects your data.

4.5 Auto-Patrol Function

The auto-patrol function enables the camera to continuously monitor and record, ensuring comprehensive coverage of the designated area.

Figure 4.5: The camera's Auto-Patrol Function is illustrated, emphasizing its capability for continuous 24/7 recording to capture all important moments.

5. MAINTENANCE

To ensure the longevity and optimal performance of your camera:

- Regularly clean the camera lens with a soft, dry cloth to prevent dust and smudges from affecting image quality.
- Ensure the camera's power supply is stable and free from interruptions.
- Check for firmware updates through the GUOANVISION app to benefit from the latest features and security enhancements.
- For outdoor installations, periodically inspect the mounting and cable connections for wear or damage.

6. TROUBLESHOOTING

If you encounter issues with your GUOANVISION S800 camera, refer to the following common problems and solutions:

- **Camera not connecting to Wi-Fi:** Ensure the camera is within range of your router. Verify the Wi-Fi password is correct. Try restarting both the camera and your router. Confirm you are connecting to a 5G or 2.4G network as supported.
- **Poor image quality:** Clean the camera lens. Check your internet connection speed. Ensure there is adequate lighting in the monitored area, especially for full-color night vision.
- **Motion detection not working:** Verify motion detection settings are enabled in the app. Adjust sensitivity levels if necessary. Ensure there are no obstructions blocking the camera's view.
- **No sound from two-way audio:** Check volume settings on your mobile device and within the app. Ensure the camera's microphone and speaker are not obstructed.
- **SD card not recording:** Ensure the SD card is correctly inserted and formatted within the app. Check if the SD card has reached its capacity.

7. SPECIFICATIONS

Feature	Detail
Model	S800
Connectivity	5G/2.4G Wi-Fi
Night Vision Range	Up to 30 feet
Motion Tracking	AI-powered, Automatic 3X Zoom
Audio	Two-Way Audio (Built-in microphone and speaker)
Storage Options	Local SD card (up to 128GB, not included), Cloud Storage
Weather Resistance	IP66 Waterproof (for outdoor use)

8. WARRANTY AND SUPPORT

GUOANVISION is committed to providing 100% satisfied service. If you encounter any issues or have questions regarding your S800 camera, please do not hesitate to contact our customer support team. We are dedicated to providing prompt and effective solutions.

For support, please refer to the contact information provided with your product packaging or visit the official GUOANVISION website.