VORGUT VRUS-K0704-Q6-2

VORGUT Solar Wireless Security Camera System User Manual
Model: VRUS-K0704-Q6-2

1. PRODUCT OVERVIEW

The VORGUT Solar Wireless Security Camera System provides comprehensive surveillance for your home or property. This system includes a 7-inch touchscreen monitor and two 4MP solar-powered wireless cameras, designed for both indoor and outdoor use. Key features include 24/7 continuous recording, PIR human detection, color night vision, two-way audio communication, and dual-band 2.4G/5G WiFi connectivity for stable transmission.

Figure 1: Main Product Features Overview

2. WHAT'S IN THE BOX

Please verify that all components are present in your package:

- 1x 7-inch Touch Screen Monitor NVR
- 2x Solar Cameras
- 2x Solar Panels
- 1x USB Mouse
- 1x User Manual

3. SETUP INSTRUCTIONS

Follow these steps to set up your VORGUT Solar Wireless Security Camera System:

3.1 Initial System Setup

1. **Power On the Monitor:** Connect the power adapter to the 7-inch touchscreen monitor. The monitor will power on automatically and display the VORGUT logo.

2. **Set Language:** Once the monitor boots up, you will be prompted to select a language. Choose 'English' and then tap 'Back' to return to the main menu.

3. **Power On the Camera:** Locate the power button on each camera and press it to turn the camera on. A blue indicator light will illuminate. The touchscreen monitor should automatically display the camera's live view.

Your browser does not support the video tag.

Video 1: Step-by-step guide on powering on the monitor, selecting the language, and activating the cameras for initial setup.

3.2 Camera and Solar Panel Installation

The cameras and solar panels are designed for flexible placement. Ensure the solar panel receives adequate direct sunlight for optimal charging.

- Mount the cameras in desired locations, such as driveways, front doors, backyards, or garages.
- Position the solar panels to maximize sun exposure throughout the day. The solar panel cable is 1.8 meters long, allowing for flexible placement.
- Connect the solar panel to the camera's charging port.

Figure 2: Solar Panel and Camera Installation

Figure 3: Solar Panel Cable Length and Adjustability

4. OPERATING INSTRUCTIONS

4.1 Live View and Playback

The 7-inch touchscreen monitor allows for easy live viewing and playback of recorded footage. The pre-installed 128GB SD card stores weeks of footage.

- Tap on the screen to switch between camera views or access playback options.
- Use the mobile app for remote access and live streaming from anywhere.

Figure 4: Touchscreen Monitor Interface

4.2 Recording Modes

The system supports both continuous 24/7 recording and motion-triggered recording.

- **24/7 Continuous Recording:** Provides constant surveillance, ensuring no moment is missed.
- **PIR Human Detection:** Records only when human activity is detected, saving storage space and reducing false alerts.
- Customize recording modes via the monitor settings or mobile app.
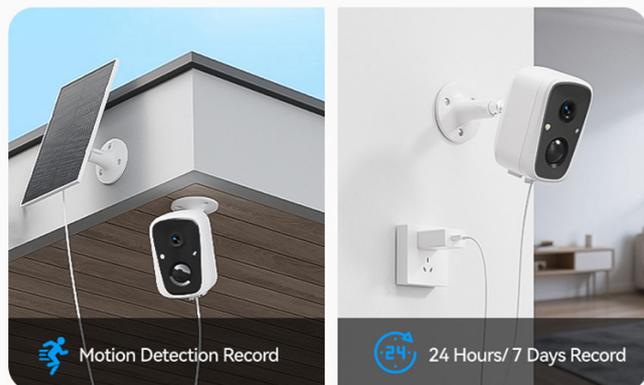

Figure 5: Flexible Recording Options

4.3 Night Vision Modes

The cameras offer two night vision modes for clear visibility in low-light conditions:

- **Infrared Mode:** Provides clear black and white images in total darkness.
- **Smart Mode (Full-Color Mode):** Utilizes built-in spotlights to deliver vivid, full-color images even in very low light.

Two Night Vision Modes

Choose between full-color night vision for vivid, detailed images even in low light, or infrared black & white mode for longer distance visibility in total darkness. Whether it's a dim porch or a pitch-black backyard, you'll always see what matters clearly.
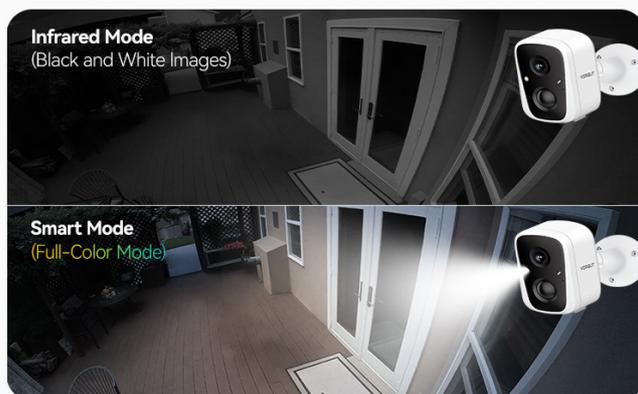
Figure 6: Night Vision Modes Comparison

4.4 Two-Way Talk and Alarms

Communicate with visitors or deter intruders using the two-way talk feature. The system also includes various alarm options.

- **Two-Way Talk:** Speak and listen through the camera via the monitor or mobile app.
- **Sound/Light Alarm:** The built-in spotlight and siren can be triggered automatically upon detection or manually to scare off unwanted visitors.
- **Instant Alerts:** Receive notifications via the mobile app for detected human activity.
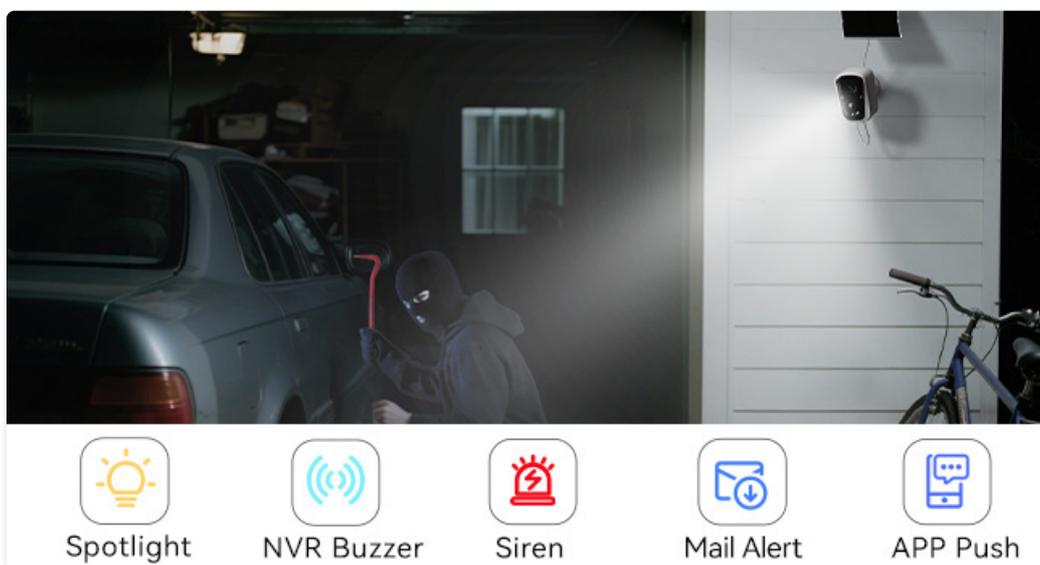

Figure 7: Two-Way Talk Feature

Figure 8: Multiple Alert Modes

4.5 Expandable System

The system supports expansion up to 4 cameras to cover larger areas. Additional cameras can be purchased separately and easily paired with the existing monitor.

Easy Expansion

— Connect up to 4 vorgut solar cameras

Perfect for any location ,like home entrances, parking lots, shops — providing complete indoor and outdoor security tailored to your needs.

Figure 9: System Expansion Capability

5. MAINTENANCE

To ensure optimal performance and longevity of your VORGUT security system, follow these maintenance guidelines:

- **Clean Lenses and Solar Panels:** Regularly wipe camera lenses and solar panels with a soft, damp cloth to remove dust, dirt, and debris. This ensures clear image quality and efficient solar charging.
- **Check Battery Levels:** Monitor the battery status of your cameras via the touchscreen monitor or mobile app. Ensure solar panels are positioned to receive sufficient sunlight for continuous charging.
- **Firmware Updates:** Periodically check for firmware updates through the mobile app or VORGUT's official website. Keeping your system updated ensures access to the latest features and security enhancements.
- **Secure Mounts:** Periodically inspect camera and solar panel mounts to ensure they are secure and free from damage, especially after severe weather conditions.

Figure 10: IP66 Weatherproof Design

6. TROUBLESHOOTING

If you encounter issues with your VORGUT security camera system, refer to the following common troubleshooting tips:

- **No Live View on Monitor:**
  - Ensure both the monitor and cameras are powered on.
  - Check the wireless connection between the cameras and the monitor.
  - Restart both the monitor and the affected camera.

- **Poor Image Quality:**
  - Clean the camera lens to remove any smudges or dirt.
  - Ensure there are no obstructions in the camera's field of view.
  - Check network signal strength if streaming remotely.

- **Camera Not Charging:**
  - Verify the solar panel is connected correctly to the camera.
  - Ensure the solar panel is receiving direct sunlight for several hours a day.
  - Clean the surface of the solar panel.

- **False Motion Alerts:**
  - Adjust the PIR human detection sensitivity settings in the monitor or app.
  - Ensure the camera is not pointed at areas with constant movement (e.g., busy roads, swaying trees).
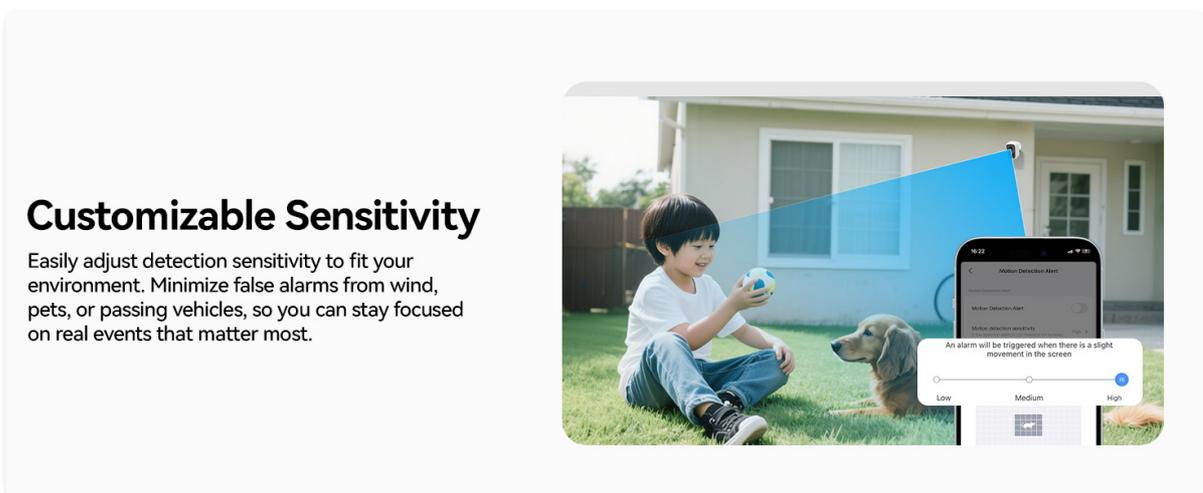

Figure 11: Customizable Motion Detection Sensitivity

7. SPECIFICATIONS

Feature	Specification
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi (2.4G/5G)
Video Capture Resolution	2K (4MP)
Number of Channels	4 (Expandable)
Viewing Angle	120 Degrees

Night Vision Range	20 Meters
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Dimensions L x W x H	6 x 4.3 x 4.7 inches
Item Weight	3.56 pounds
Special Features	Built-in Light, Human Detection, Night Vision, Video Recording, Weather Proof (IP66)
Controller Type	Eseecloud App

8. WARRANTY AND SUPPORT

Your VORGUT security camera set comes with a **5-year security guarantee**. If you encounter any problems or have questions, please do not hesitate to contact us by email. We provide professional technical support and after-sales service to ensure an effective solution for your needs.

For further assistance, please refer to the contact information provided in your product packaging or visit the official VORGUT website.