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VORGUT VRUS-BA02-Q6-4

VORGUT VRUS-BA02-Q6-4 Solar Wireless Outdoor Security Camera System User Manual

Model: **VRUS-BA02-Q6-4** | Brand: **VORGUT**

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your VORGUT VRUS-BA02-Q6-4 Solar Wireless Outdoor Security Camera System. This system includes 4MP solar-powered cameras, a 10-channel NVR with a pre-installed 128GB SD card, and supports dual-band WiFi for comprehensive home surveillance.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1x 10CH WiFi NVR (Network Video Recorder)
- 4x Solar Cameras
- 4x Solar Panels
- 1x USB Mouse
- 1x User Manual (this document)

3. Setup

3.1. Solar Camera Installation

The cameras are designed for 100% wire-free installation, powered by integrated 3W solar panels. This ensures continuous operation without frequent charging. Mount each camera and its adjustable solar panel in a location that receives ample sunlight throughout the day for optimal charging.

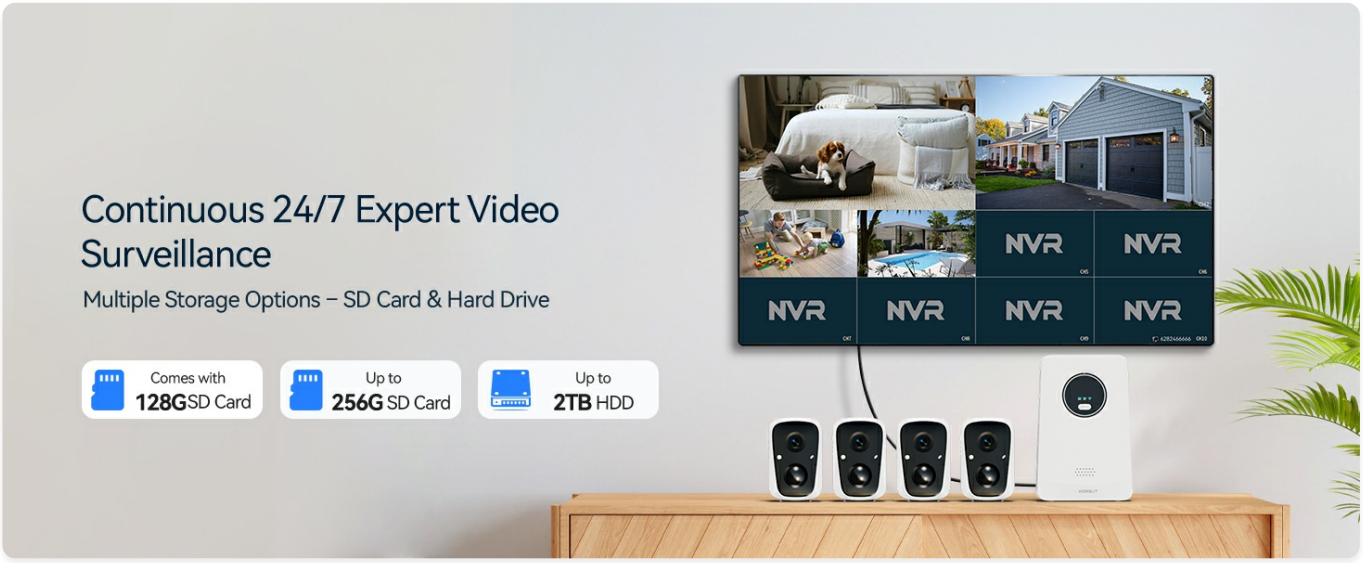

Image: Solar camera with an adjustable solar panel, highlighting its wire-free and solar-powered design.

3.2. NVR System Setup

The 10-channel NVR comes with a pre-installed 128GB SD card for local storage, eliminating monthly cloud fees. Connect the NVR to a display via HDMI for direct viewing. The system supports expansion up to 10 cameras.

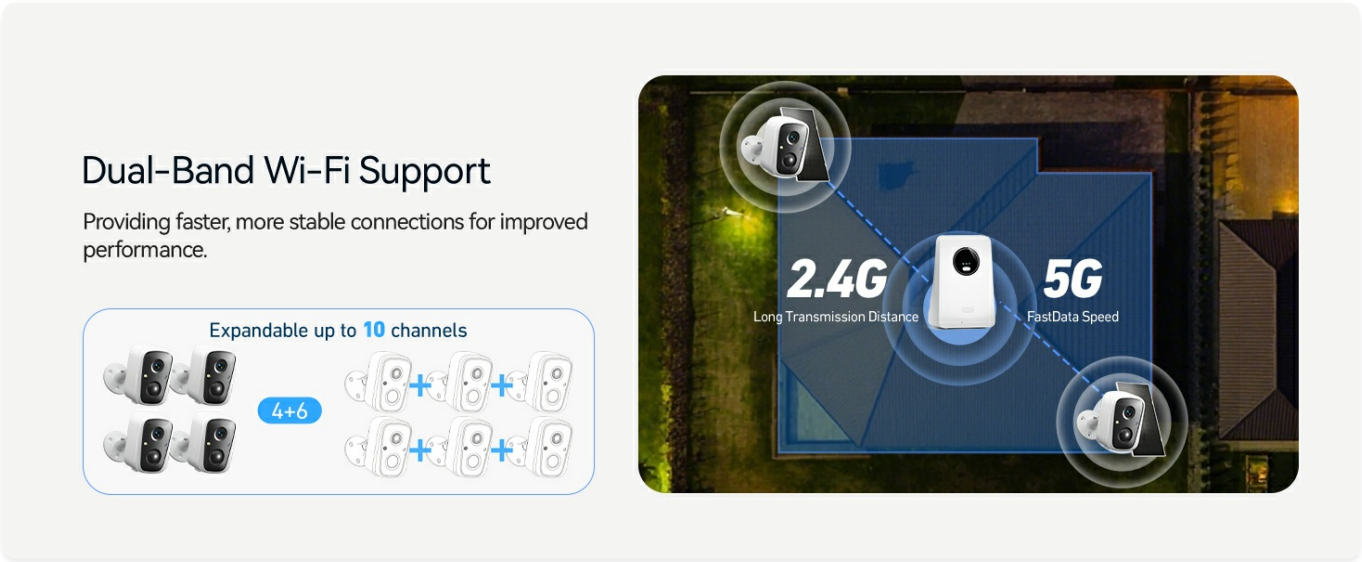

Image: NVR connected to a monitor showing live camera feeds, demonstrating HDMI output and system expandability.

3.3. App Connection and Dual-Band WiFi

The system supports dual-band WiFi (2.4G & 5G) for stable and faster connections. Download the Eseecloud app on your smartphone or compatible device. Follow the in-app instructions to connect your NVR and cameras to your home network. This allows for remote viewing and control.

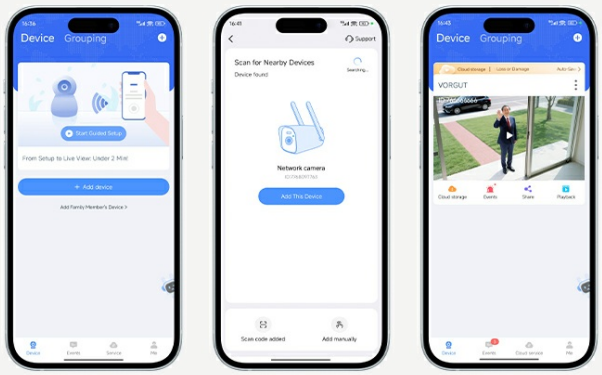

Image: Diagram illustrating the NVR and cameras connecting to a router, emphasizing dual-band WiFi for extended signal coverage.

4. Operating Instructions

4.1. Continuous Recording & PIR Human Detection

The system supports 24/7 continuous recording, unlike battery-only cameras. Advanced PIR human detection accurately identifies people, reducing false alarms from environmental factors. You will receive instant alerts on your phone when human motion is detected.

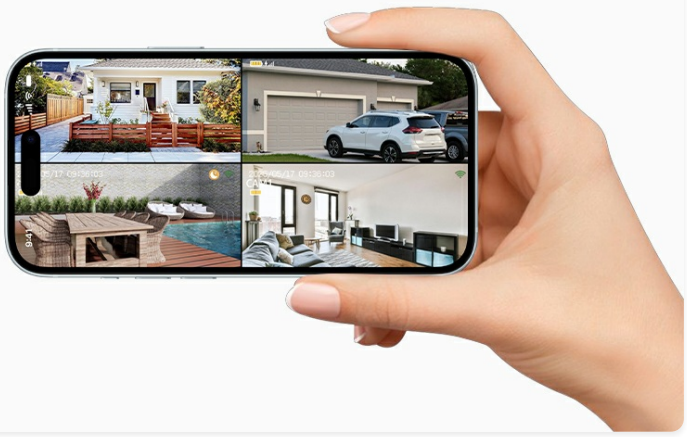

Image: A security camera detecting an intruder, accompanied by phone notifications for various alert modes including LED light, siren, and motion detection push alerts.

4.2. Smart Night Vision

Choose between infrared black-and-white night vision or full-color night vision. In infrared mode, clear black-and-white images are captured without visible light. When the spotlight alarm is triggered, the camera automatically switches to color night vision for brighter, detailed footage.



Image: A side-by-side comparison demonstrating the clarity of color night vision with an LED spotlight versus standard black-and-white infrared night vision.

4.3. Two-Way Talk & Smart Sound/Light Alarm

Engage in real-time two-way communication through the camera. Speak to visitors, guide delivery drivers, or deter intruders directly from your phone. The built-in spotlight and siren can be triggered automatically or manually to enhance security.

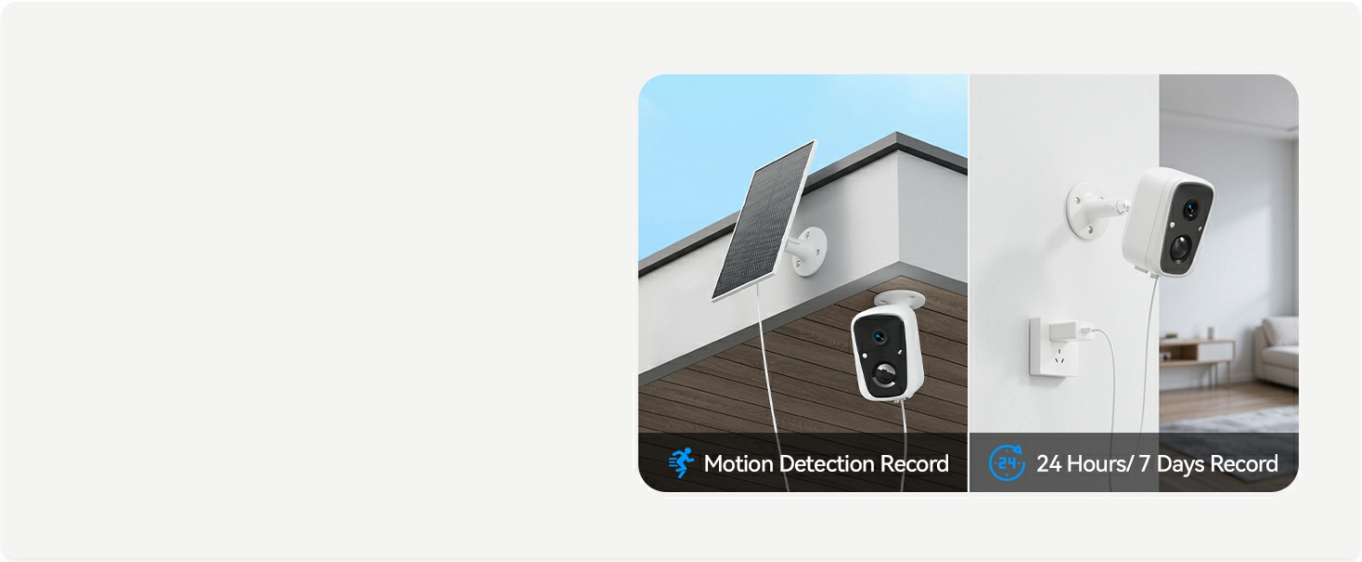

Image: A user engaging in two-way communication with a delivery driver through the camera system via a smartphone.

4.4. Expandability

The system is expandable, allowing you to add up to 10 cameras to cover larger areas as your surveillance needs evolve. The NVR is compatible with VORGUT's solar-powered single-lens cameras.



Image: The NVR unit surrounded by different VORGUT camera models, demonstrating the system's expandability and compatibility with various camera types.

5. Maintenance

- **Solar Panels:** Regularly clean the surface of the solar panels to ensure maximum sunlight absorption. Dust, dirt, or debris can reduce charging efficiency.
- **Camera Lenses:** Gently wipe camera lenses with a soft, clean cloth to maintain clear image quality. Avoid abrasive materials that could scratch the lens.
- **Weatherproofing:** While the cameras are IP66 weatherproof, periodically check for any signs of wear or damage to seals, especially after extreme weather conditions.
- **Firmware Updates:** Check the Eseecloud app periodically for available firmware updates to ensure optimal performance and security.

6. Troubleshooting

- **No Power/Charging:** Ensure solar panels are clean and positioned to receive direct sunlight. Check all cable connections.
- **No Video Feed:** Verify the NVR is powered on and connected to a display. Check camera power status. Ensure cameras are within WiFi range of the NVR/router.
- **Poor WiFi Connection:** Ensure the NVR and cameras are within optimal range of your WiFi router. Consider using 2.4Ghz for longer range or 5Ghz for faster speeds if available. Reduce interference from other electronic devices.
- **False Alarms:** Adjust the PIR human detection sensitivity settings in the app to minimize triggers from pets, trees, or other non-human motion.
- **Night Vision Issues:** Ensure the camera lens is clean. Check if the spotlight is enabled for color night vision.
- **Two-Way Talk Problems:** Check microphone and speaker settings in the app. Ensure your phone's volume is up.

7. Specifications

Feature	Specification

Model Name	VRUS-BA02-Q6-4
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi (2.4G & 5G Supported)
Video Capture Resolution	4MP (2K)
Number of Channels	10 (Expandable)
Night Vision Range	20 Meters
Material	Acrylonitrile Butadiene Styrene (ABS)
Weatherproof Rating	IP66
Storage	128GB SD Card (pre-installed)
Special Features	Built-in Light, Human Detection, Video Recording, Two-Way Talk

8. Warranty and Support

Your VORGUT VRUS-BA02-Q6-4 Solar Wireless Outdoor Security Camera System is backed by a**5-year warranty**. For technical support, troubleshooting assistance, or warranty claims, please contact VORGUT customer support through the official website or the contact information provided with your purchase. Please have your model number (VRUS-BA02-Q6-4) and purchase details ready when contacting support.

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