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VORGUT DQ03

VORGUT Solar Security Camera Wireless Outdoor User Manual

Model: DQ03

Introduction | What's in the Box | Setup | Operation | Maintenance | Troubleshooting | Specifications | Support

1. Introduction

The VORGUT Solar Security Camera Wireless Outdoor (Model DQ03) is a state-of-the-art surveillance solution designed for comprehensive home security. This camera features 4MP Ultra HD resolution, 360° PTZ (Pan-Tilt-Zoom) coverage, and a built-in solar panel for continuous, wire-free operation. It includes advanced features such as spotlight color night vision, human motion detection, and two-way audio communication, ensuring reliable monitoring and peace of mind.



Figure 1.1: VORGUT Solar Security Camera with integrated solar panel.

2. What's in the Box

Please check the package contents upon receipt to ensure all items are present and in good condition:

- 1 x VORGUT Solar Security Camera
- 1 x Solar Panel (integrated or separate, depending on model variant)
- 1 x User Manual (this document)
- Mounting Screws and Anchors

3. Setup and Installation

3.1 Powering the Camera

The VORGUT Solar Security Camera offers flexible power options:

- **Solar Power:** The integrated solar panel continuously charges the camera's built-in battery, providing 100% wire-free operation. Ensure the solar panel is positioned to receive maximum direct sunlight.
- **Built-in Battery:** The camera comes with a high-capacity built-in battery. For initial setup or if solar charging is insufficient, the camera can be charged via a USB-C cable.
- **Powered via Outlet (USB-C Cable):** For indoor use or locations with consistent power access, the camera can be continuously powered by plugging it into an outlet using a USB-C cable (not included).



Figure 3.1: The VORGUT camera is designed for continuous operation with solar power.

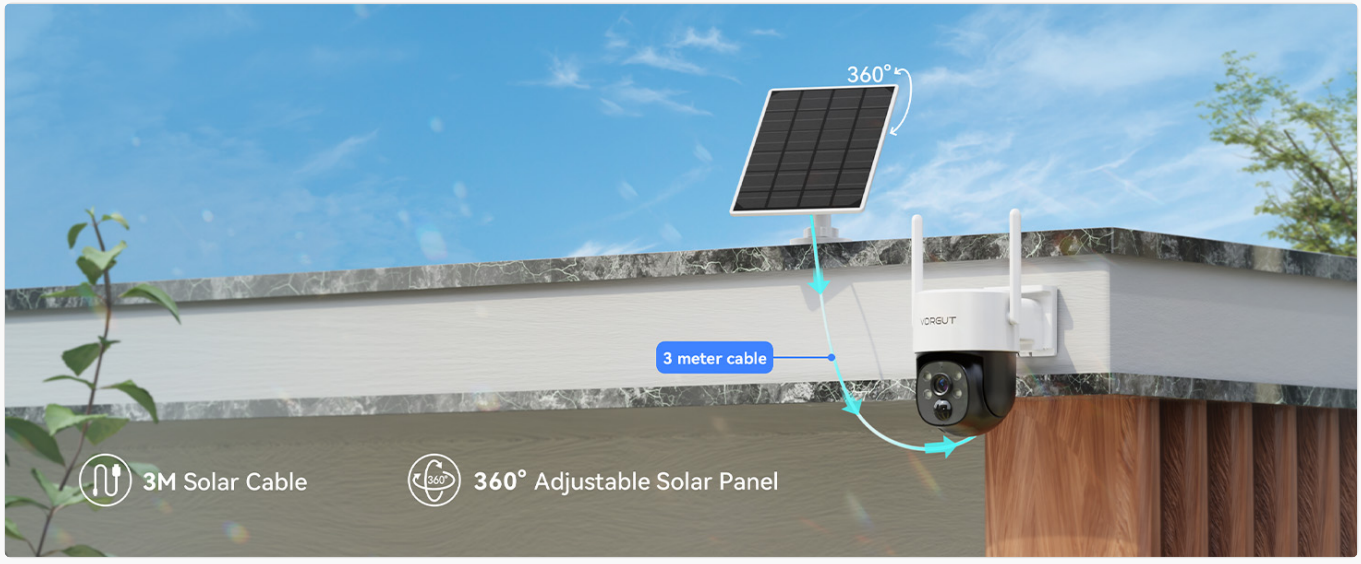


Figure 3.2: The solar panel can be adjusted 360 degrees for optimal sunlight exposure and comes with a 3-meter cable for flexible placement.

3.2 Physical Installation

The camera's wireless design simplifies installation, eliminating the need for extensive drilling or external cables. It is lightweight and compact, allowing for quick setup.

1. Choose a suitable outdoor location that provides the desired viewing angle and allows the solar panel to receive ample direct sunlight.
2. Mount the camera securely using the provided screws and anchors. Ensure the mounting surface is stable.
3. Adjust the camera's angle and the solar panel's orientation for optimal coverage and charging efficiency.



Figure 3.3: The camera is designed for easy connection and installation, requiring minimal effort.

3.3 App Setup and Connection

To connect your camera to your smartphone and access its features, follow these steps:

1. Download the dedicated mobile application (refer to the QR code in the manual or product packaging for the correct app).
2. Create an account and log in.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or connecting to its internal WLAN.
4. Ensure your Wi-Fi network is 2.4GHz for optimal compatibility and reception.

4. Operating Instructions

4.1 4MP Ultra HD & PTZ Coverage

The VORGUT camera provides crystal-clear 4MP (2560 x 1440P) HD video, offering twice the detail of 1080p. Utilize the app to control the camera's pan (355° horizontal) and tilt (90° vertical) movements to achieve full 360° coverage of your desired area.



Figure 4.1: The camera offers 360° coverage with 355° horizontal and 90° vertical rotation.



Figure 4.2: Achieve full 360° coverage for your surveillance area by controlling the camera's movement via the app.

▶ **Watch video online**

Solar Security Camera Outdoor

Video 4.1: Demonstration of the VORGUT Solar Security Camera's outdoor pan-tilt capabilities and clear video quality.

4.2 Human Motion Detection & Smart Alarm

The built-in PIR motion detection sensor significantly reduces false alarms by focusing on human shapes. You can customize motion zones and schedule alert plans within the app. Upon detecting human motion, the camera will trigger real-time notifications to your phone.

- **Customizable Motion Zones:** Define specific areas within the camera's view where you want motion detection to be active.
- **Adjustable Sensitivity:** Three sensitivity levels can be adjusted (Low, Medium, High) to fine-tune motion detection based on your environment.
- **Smart Alarm:** When motion is detected, the camera can activate a siren and/or spotlight, and send instant push notifications to your device.

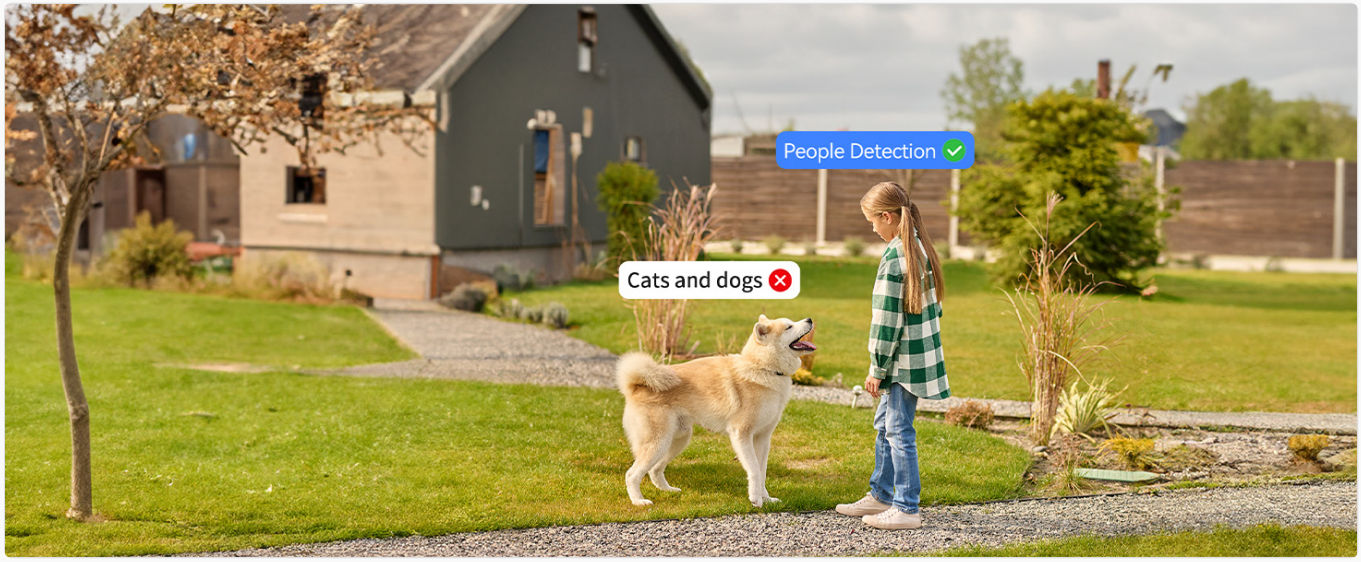


Figure 4.3: The camera's human detection feature accurately identifies people while minimizing alerts from pets.

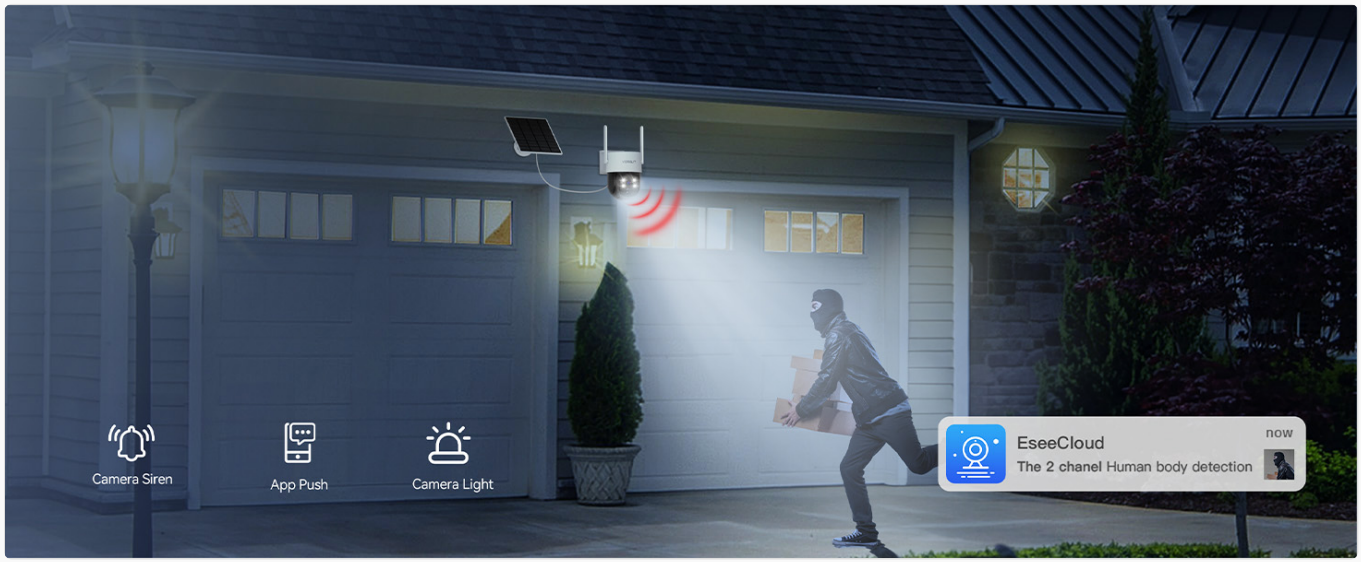


Figure 4.4: Smart alarm features include a camera siren, app push notifications, and camera light activation upon detection.

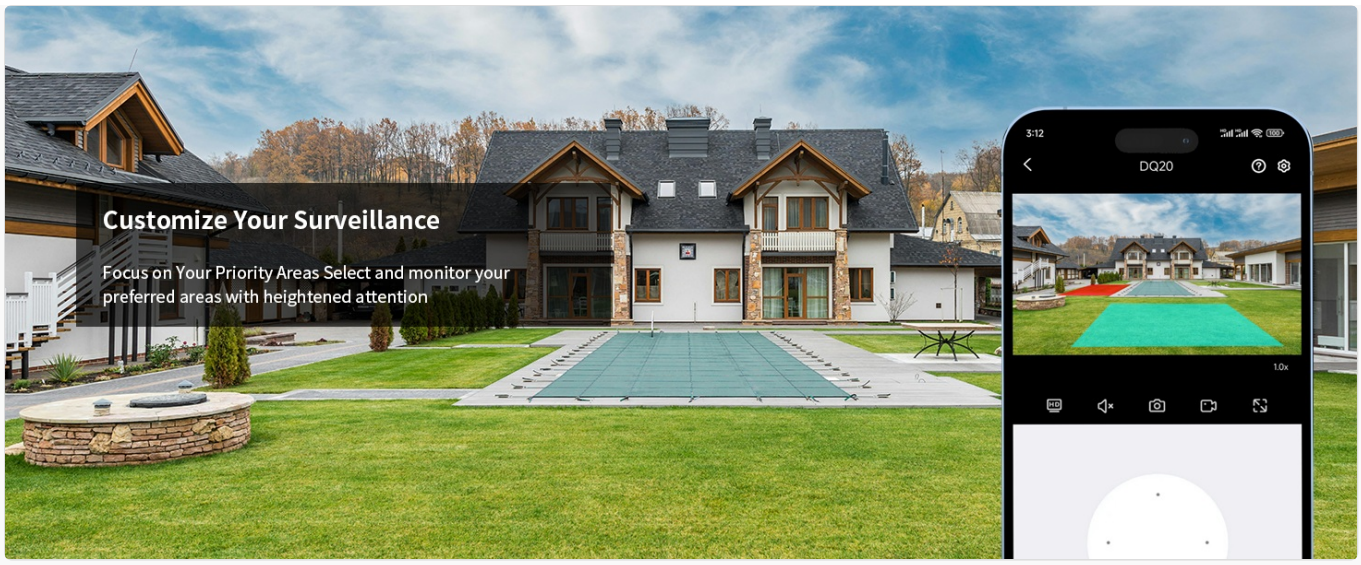


Figure 4.5: Customize your surveillance by selecting and monitoring priority areas with heightened attention.

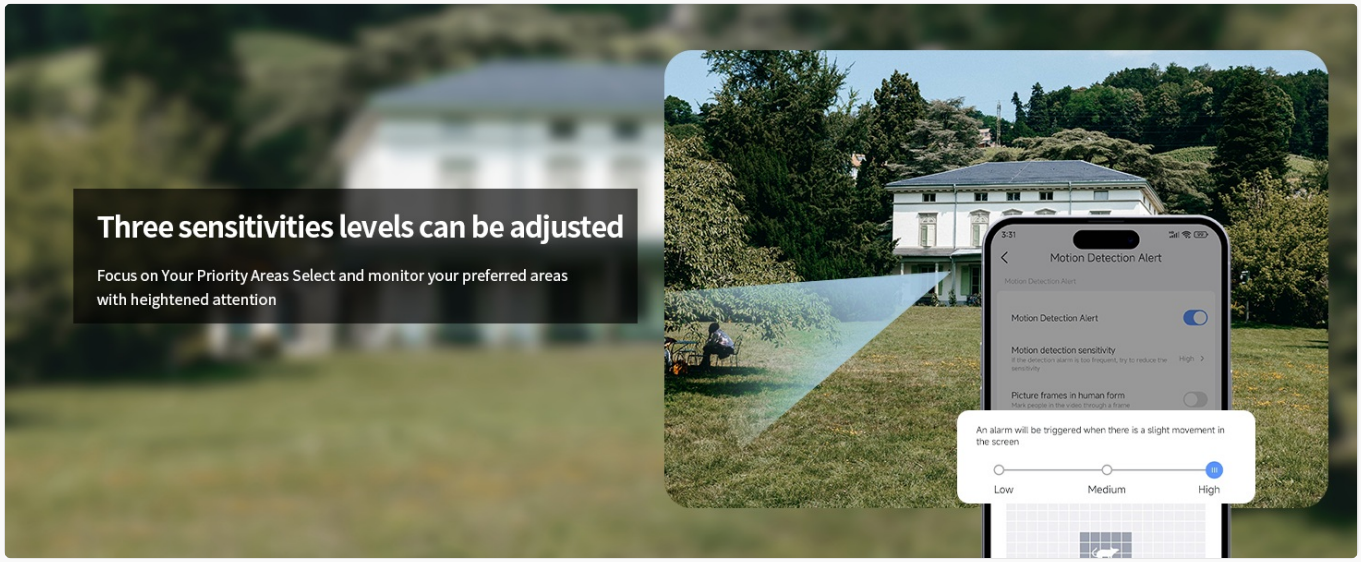


Figure 4.6: Adjust motion detection sensitivity with three levels (low, medium, high) to prevent unwanted alerts.

▶ **Watch video online**

Solar Security Camera Humen Detection

Video 4.2: Demonstration of the VORGUT Solar Security Camera's human detection feature in action.

4.3 Spotlight Color Night Vision

The camera provides clear visibility up to 10 meters, even in low-light conditions. It supports both traditional IR night vision and advanced spotlight color night vision, allowing you to see full-color images at night when the spotlight is activated.



Figure 4.7: Compare Smart Color Night Vision with traditional IR Night Vision for enhanced clarity at night.

4.4 Two-Way Talk

Communicate directly with visitors or deter intruders using the camera's built-in microphone and speaker. This feature allows for real-time two-way audio communication via the mobile app.



Figure 4.8: Engage in two-way communication with individuals near your camera, such as delivery personnel.

4.5 Recording Options

Recordings are encrypted for security. You have two primary storage options:

- **SD Card Storage:** Insert a Micro SD card (up to 128GB, not included) into the camera for local storage. There are no subscription fees for this option.
- **Cloud Storage:** Optional cloud storage is available for enhanced data security and accessibility. This service may incur additional charges if chosen.



Figure 4.9: The camera supports up to a 128GB Micro SD card for local video storage.

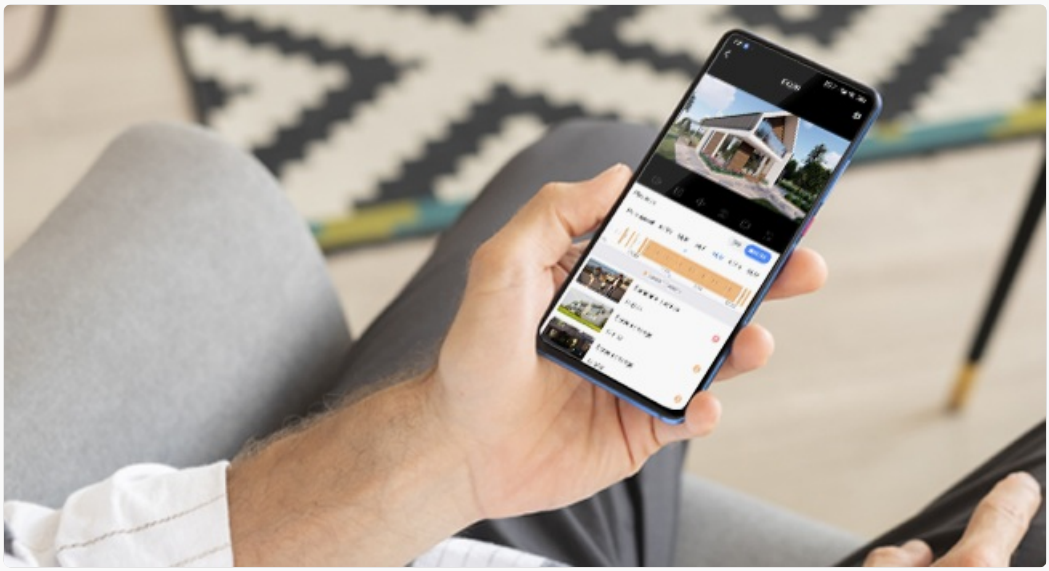


Figure 4.10: Adjust recording settings within the app, including optimal battery life mode or uninterrupted recording.

4.6 Remote Viewing and Family Sharing

Access your camera's live feed and recorded footage from anywhere using the mobile app. You can also share access with family members, allowing multiple users to monitor the property simultaneously.

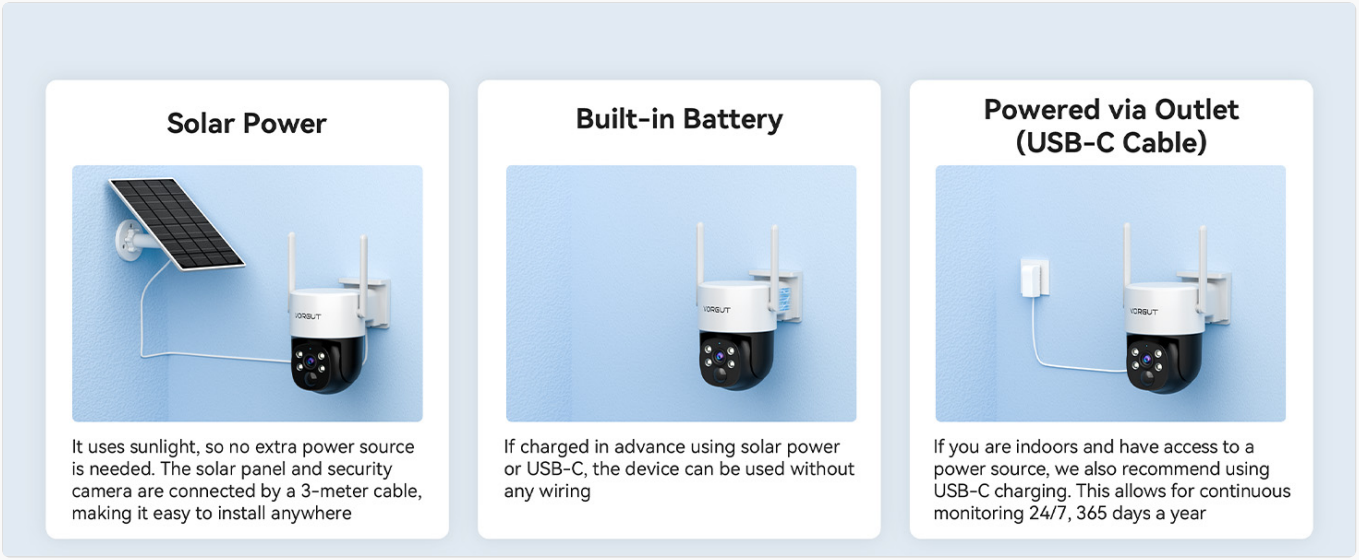


Figure 4.11: Stay connected and securely monitor your property from anywhere with remote access.

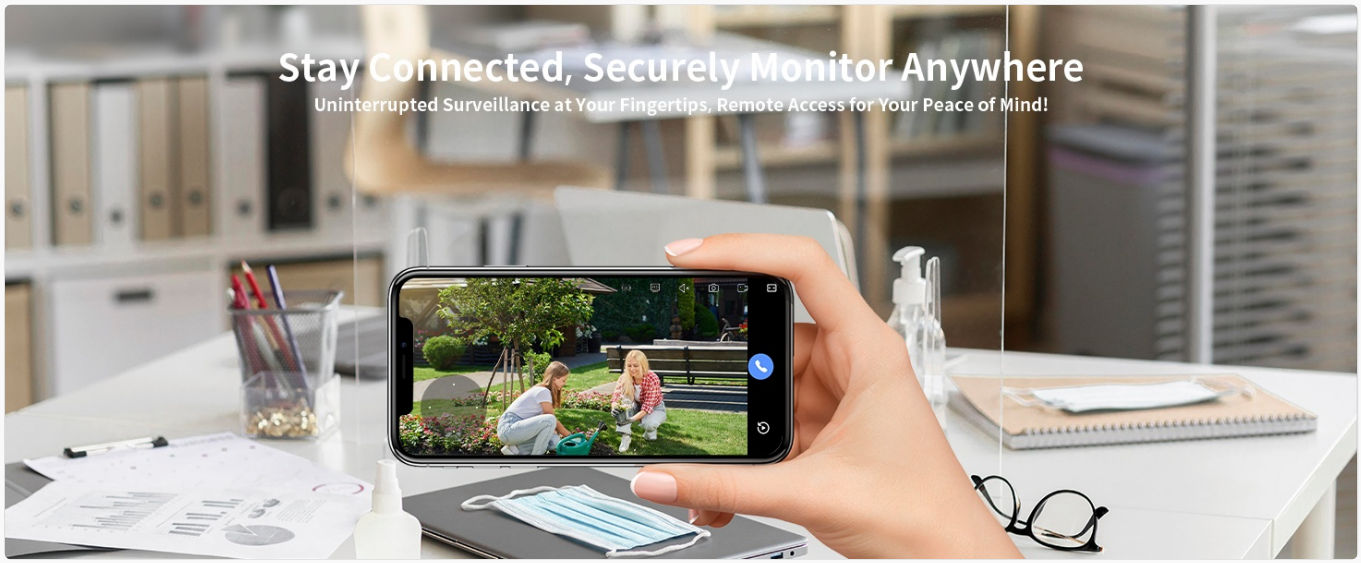


Figure 4.12: Empower your loved ones to stay connected and monitor together using the family sharing feature.

4.7 Integration with VORGUT Monitor NVR

For advanced surveillance needs, the VORGUT Solar Security Camera can be integrated with a VORGUT Monitor NVR (Network Video Recorder) for collaborative management and centralized monitoring of multiple cameras.



Figure 4.13: The camera can be used independently or integrated with a VORGUT Monitor NVR for comprehensive surveillance.

5. Maintenance

To ensure optimal performance and longevity of your VORGUT Solar Security Camera, consider the following maintenance tips:

- **Weatherproof Design:** The camera is IP66 weatherproof, designed to withstand rain and dust. However, avoid submerging the camera in water.
- **Solar Panel Cleaning:** Periodically clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Lens Cleaning:** Gently wipe the camera lens with a microfiber cloth to ensure clear image quality. Avoid abrasive materials.
- **Firmware Updates:** Regularly check the mobile app for available firmware updates to ensure your camera has the latest features and security enhancements.

6. Troubleshooting

If you encounter issues with your VORGUT Solar Security Camera, please refer to the following common solutions:

Problem	Possible Solution
Camera not connecting to Wi-Fi	Ensure your Wi-Fi network is 2.4GHz. Check Wi-Fi signal strength at the camera's location. Restart your router and the camera. Ensure correct Wi-Fi password is entered in the app.
Poor image quality	Clean the camera lens. Check your internet connection speed. Ensure sufficient lighting for optimal night vision.
Battery not charging	Ensure the solar panel is clean and receiving direct sunlight. Verify the solar panel cable is securely connected to the camera. Charge the camera directly via USB-C to confirm battery function.
False motion alerts	Adjust motion detection sensitivity in the app. Define specific motion detection zones to exclude irrelevant areas.

7. Specifications

Feature	Detail
Model Name	DQ03
Indoor/Outdoor Usage	Outdoor
Power Source	Battery Powered/Corded Electric/Solar Powered
Video Capture Resolution	4MP (2560 x 1440P)
Connectivity Technology	Wireless (2.4GHz Wi-Fi)
PTZ Coverage	355° Horizontal, 90° Vertical
Night Vision	Spotlight Color Night Vision, IR Night Vision (up to 10 meters)
Motion Detection	Human Motion Detection (PIR sensor)
Audio	2-Way Talk
Storage Options	Micro SD Card (up to 128GB, not included), Optional Cloud Storage
Weatherproof Rating	IP66
Item Dimensions (L x W x H)	5 x 5 x 5 inches
Item Weight	1.94 pounds
Manufacturer	Guangzhou Juan Intelligent Tech Joint Stock Co.,Ltd

Feature	Detail
Country of Origin	China

8. Warranty and Support

VORGUT is committed to providing excellent customer service and support for its products.

8.1 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact VORGUT customer support. We offer:

- After-Sale Support
- Fast Response
- Needs-Based Approach
- Lifetime Tech Assistance

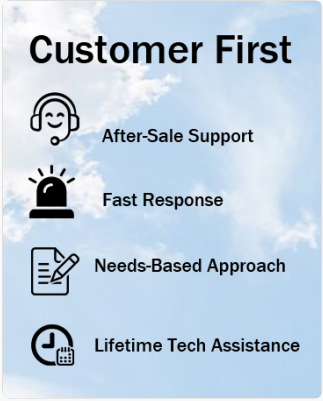


Figure 8.1: VORGUT's commitment to customer-first support, including lifetime technical assistance.

Please refer to your purchase documentation or the VORGUT official website for specific contact information and warranty details.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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