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VORGUT A6804-54DO-500

VORGUT 5MP Lite Security Camera System User Manual

Model: A6804-54DO-500

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your VORGUT 5MP Lite Security Camera System. This system includes a 4-channel AHD TVI DVR recorder and four HD indoor/outdoor wired surveillance dome cameras, designed for reliable security monitoring.

The system features 5MP Lite video capture resolution, smart motion detection, night vision capabilities, and weatherproof cameras suitable for various environments. A pre-installed 500GB hard drive ensures local storage without monthly fees.



Image: Overview of the VORGUT 5MP Lite Security Camera System components.

2. What's in the Box

Please check the package contents carefully. If any items are missing or damaged, contact VORGUT customer support.

- 1x 5MP Lite DVR (Digital Video Recorder) with pre-installed 500GB HDD
- 4x 5MP AHD Dome Cameras
- 1x DC12V/2A Power Adapter for DVR
- 4x 60ft BNC Cables for cameras
- 1x USB Mouse

- 1x Quick Start Guide (User Manual)
- 1x Screw Pack for camera mounting
- 1x 1-to-4 Power Splitter for cameras

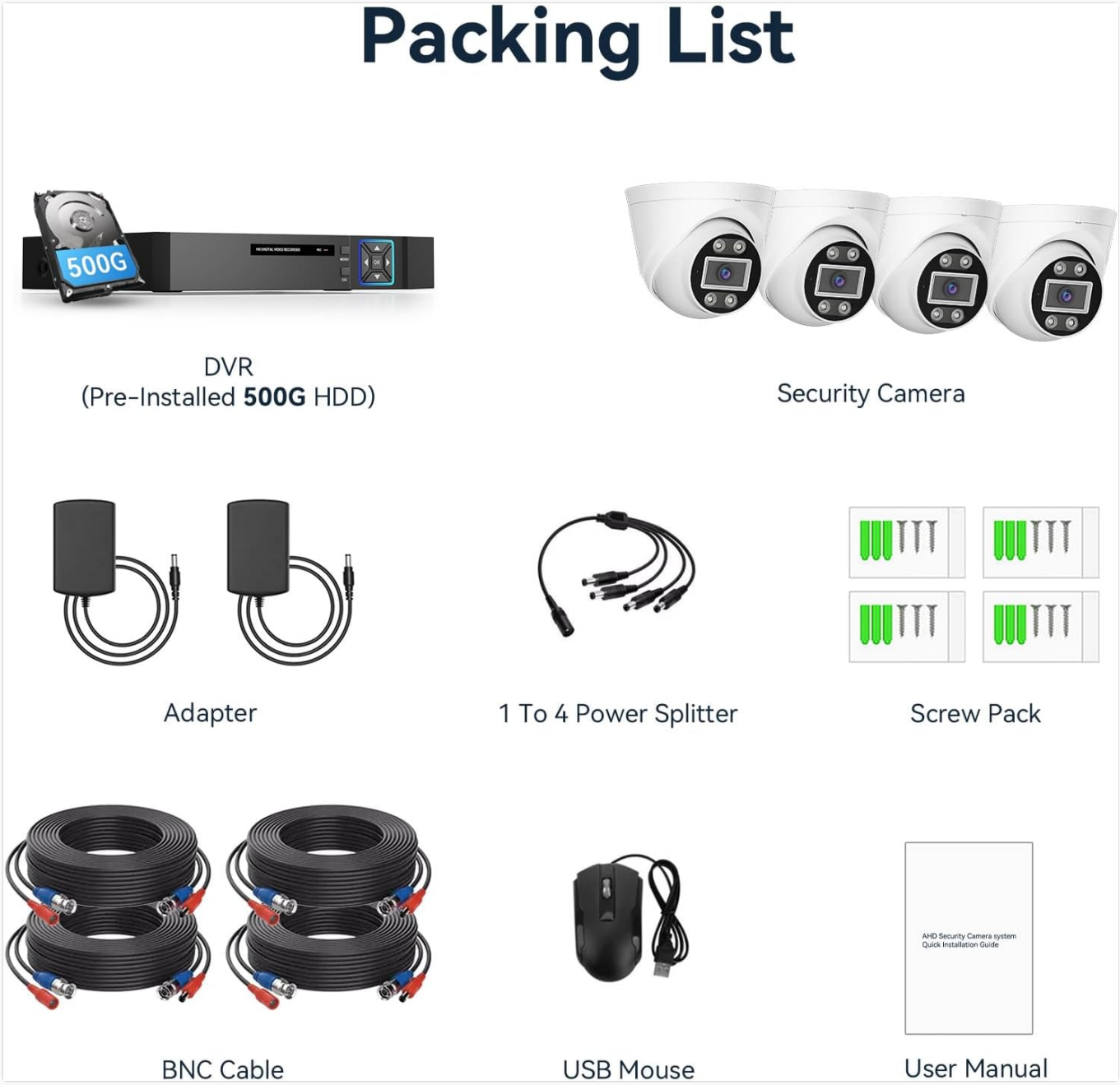

Image: Visual representation of all items included in the package.

3. System Setup

3.1 Connecting the DVR

1. **Connect to a Monitor:** Use an HDMI or VGA cable to connect the DVR's corresponding port to your TV or monitor.
2. **Connect USB Mouse:** Plug the included USB mouse into one of the DVR's USB ports for system navigation.
3. **Connect to Network (Optional for Remote Access):** Connect an Ethernet cable from the DVR's LAN port to your router. This is required for remote viewing via the mobile app.
4. **Power On DVR:** Connect the DC12V/2A power adapter to the DVR's power input and then plug it into a power outlet. The DVR will start automatically.

3.2 Connecting the Cameras

1. **Connect BNC Cables:** Connect one end of each BNC cable to the video output of a camera and the other end to a video input port on the DVR.
2. **Power Cameras:** Use the 1-to-4 power splitter to connect all four cameras to a single power adapter (not included, typically provided with the cameras or a separate power supply). Ensure all cameras receive power.



Image: Step-by-step connection diagram for the DVR and cameras.

3.3 Camera Mounting

The dome cameras are designed for both wall and ceiling mounting. Choose a location that provides the desired viewing angle and is within reach of the BNC and power cables. Use the included screw pack for secure installation.



Image: Illustration of camera mounting on a wall and a ceiling.

4. Operating the System

4.1 Initial Setup and Live View

Upon first power-up, follow the on-screen prompts to configure basic settings such as language, date/time, and network settings. Once configured, the system will display live video feeds from all connected cameras on your monitor.



Image: Example of multi-camera live view display on a screen.

4.2 Recording and Storage

The DVR comes with a pre-installed 500GB hard drive, enabling 24/7 continuous recording without any monthly fees. The system automatically begins recording once powered on. You can configure recording schedules and modes (e.g., continuous, motion-triggered) through the DVR's menu.



Image: Comparison of camera view during daytime and nighttime, demonstrating night vision.

4.3 Smart Motion Detection

The system features intelligent motion detection that can differentiate between human movement and environmental factors, reducing false alarms. You can customize detection zones and sensitivity settings via the DVR interface.

- **Alerts:** Receive instant notifications via app push or email when motion is detected.
- **Customization:** Define specific areas within the camera's view for motion detection to focus on critical zones.



Image: Illustration of smart motion detection identifying a person and sending an alert.

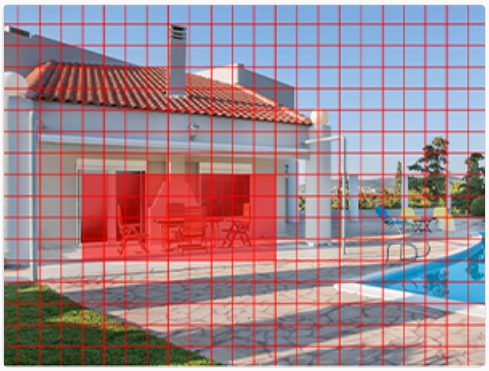

Image: Grid overlay demonstrating how to set up custom motion detection zones.

4.4 Remote Access and Playback

To access your system remotely, connect the DVR to your router using an Ethernet cable and download the free VORGUT mobile application. After adding your device to the app, you can view live video and recorded footage from

your smartphone or tablet anytime, anywhere.

- **Live View:** Monitor your property in real-time from your mobile device.
- **Playback:** Review recorded footage stored on the DVR's hard drive.



Image: A person viewing live camera feeds on a smartphone via the remote monitoring app.

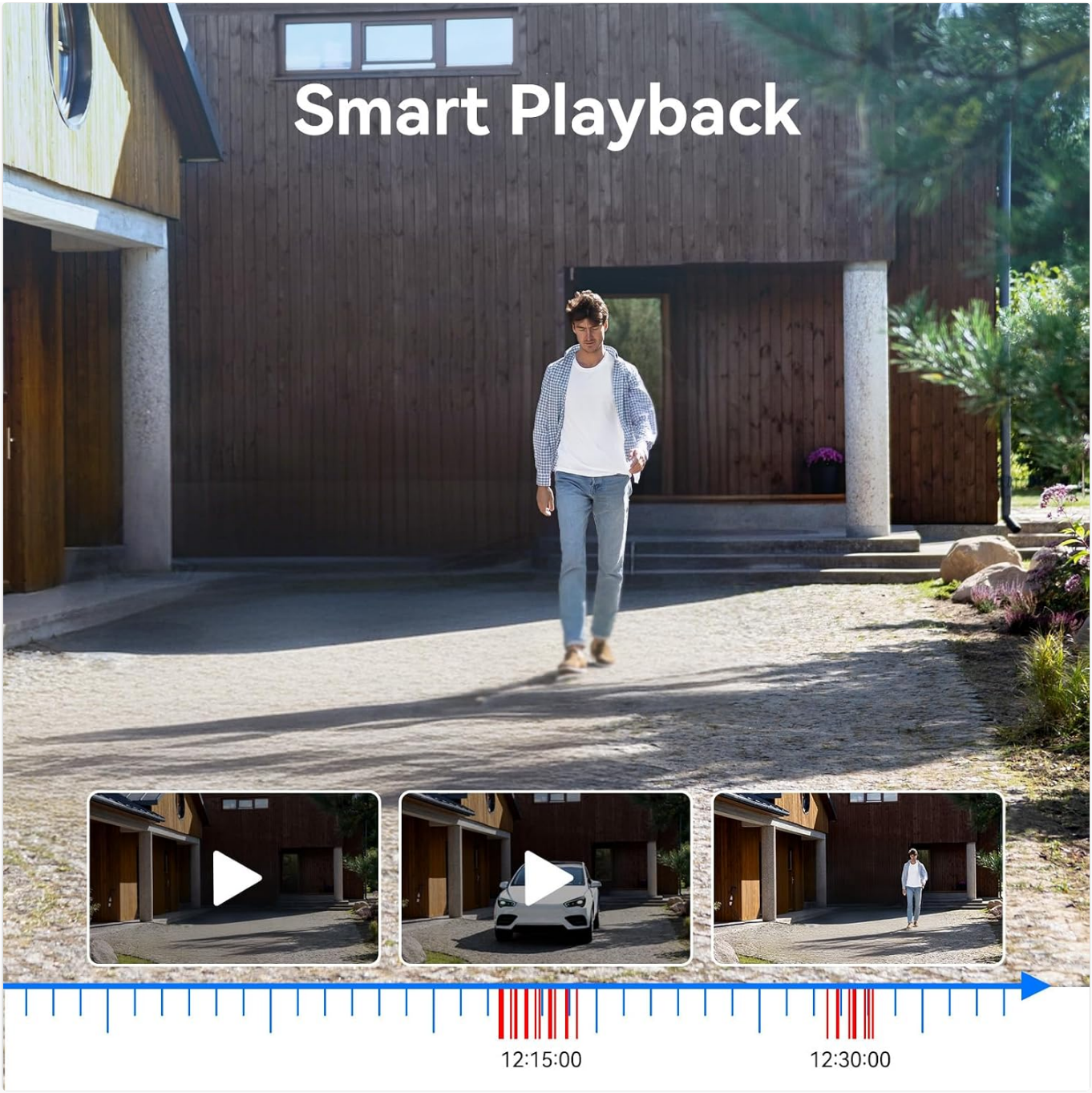

Image: A timeline interface showing recorded events for smart playback.

5. Maintenance

- **Regular Cleaning:** Periodically clean the camera lenses with a soft, dry cloth to ensure clear image quality.
- **Cable Inspection:** Check all BNC and power cables for wear, damage, or loose connections, especially for outdoor installations.
- **Firmware Updates:** Check the VORGUT official website or app for any available firmware updates for your DVR to ensure optimal performance and security.
- **Hard Drive Management:** The 500GB HDD will overwrite the oldest footage when full. Regularly back up important recordings if needed.

6. Troubleshooting

No Video Signal from Camera:

Check if the camera is properly powered and if the BNC cable is securely connected to both the camera and the DVR. Ensure the correct video input channel is selected on the DVR.

DVR Not Powering On:
Verify that the power adapter is correctly connected to the DVR and a working power outlet. Try a different power outlet if necessary.

Cannot Access Remotely:
Ensure the DVR is connected to your router via an Ethernet cable and has a stable internet connection. Check your router settings and firewall to ensure the necessary ports are open. Confirm the device is correctly added to the mobile app.

Poor Image Quality:
Clean the camera lens. Check cable connections for any interference. Ensure the camera is within its optimal operating range and not obstructed.

False Motion Detection Alarms:
Adjust the motion detection sensitivity settings on the DVR. Refine the detection zones to exclude areas with frequent non-threatening movement (e.g., trees swaying, traffic).

7. Specifications

Feature	Detail
Brand	VORGUT
Model Number	A6804-54DO-500
Connectivity Technology	Wired
Video Capture Resolution	5MP Lite
Special Features	Night Vision, Video Recording, Weatherproof
Number of Channels	4
Memory Storage Capacity	500 GB (Pre-installed HDD)
Power Source	Corded Electric
Item Dimensions (L x W x H)	8 x 5 x 10 inches
Compatible Devices	TV, Smartphones, Tablets
Frame Rate	30fps
Recording Mode	Continuous, Motion Detection
Lens Type	Zoom
Video Input	BNC
Camera Weather Resistance	IP66 (Durable ABS Housing)
Operating Temperature Range	-20°F (-30°C) to 120°F (50°C)



Image: Close-up of a weatherproof camera with IP66 rating and temperature resilience.

8. Warranty and Support

VORGUT is committed to providing reliable security solutions and excellent customer service. Your product is covered by a standard warranty. Please refer to the warranty card included in your package for specific terms and conditions.

Customer Support:

- **After-Sale Support:** Dedicated assistance for any issues encountered after purchase.
- **Fast Response:** Timely replies to your inquiries.
- **Needs-Based Approach:** Solutions tailored to your specific requirements.
- **Lifetime Tech Assistance:** Ongoing technical support for the lifespan of your product.

For technical assistance, troubleshooting, or warranty claims, please contact VORGUT customer support through the contact information provided in your quick start guide or on the official VORGUT website.

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