GeoVision 56-RG048-000

GeoVision 56-RG048-000 Recording Server User Manual

Model: 56-RG048-000 | Brand: GeoVision

PRODUCT OVERVIEW

The GeoVision 56-RG048-000 is a high-performance recording server designed for surveillance systems, capable of managing up to 48 channels. This server provides robust and reliable video recording, storage, and management capabilities for professional security applications.

Image: GeoVision 56-RG048-000 Recording Server. This image displays the compact form factor of the recording server unit.

SETUP GUIDE

Follow these steps to set up your GeoVision 56-RG048-000 Recording Server:

1. **Unboxing:** Carefully remove the recording server and all accessories from the packaging. Verify all components are present according to the packing list.

2. **Physical Placement:** Place the server on a stable, flat surface in a well-ventilated area, away from direct sunlight, heat sources, and excessive dust. Ensure adequate space for airflow around the unit.

3. **Power Connection:** Connect the power adapter to the server's power input port, then plug the power cord into a grounded electrical outlet.

4. **Network Connection:** Connect an Ethernet cable from the server's LAN port to your network switch or router. Ensure the network provides stable connectivity for IP cameras and remote access.

5. **Camera Connection:** Connect your IP cameras to the same network as the recording server. Ensure cameras are powered on and configured with appropriate IP addresses.

6. **Initial Boot-up:** Power on the server. Allow the system to boot up completely. This may take a few minutes.

7. **Software Installation/Access:** Access the server's management interface via a connected monitor and

keyboard, or through a web browser on a networked computer using the server's IP address. Follow on-screen prompts for initial software setup, including setting administrator passwords and network configurations.

OPERATING INSTRUCTIONS

This section outlines basic operation of the GeoVision Recording Server:

- **Accessing the Interface:** Log in to the server's web interface or client software using your administrator credentials.

- **Adding Cameras:** Navigate to the camera management section. Use the auto-discovery feature or manually add IP cameras by entering their IP addresses, port numbers, and login credentials.

- **Configuring Recording:** Set up recording schedules (continuous, motion-detection, alarm-triggered) and recording quality for each camera. Ensure sufficient storage is allocated.

- **Live View:** Access the live view section to monitor real-time video feeds from all connected cameras.

- **Playback:** Use the playback feature to review recorded footage. Specify date, time, and camera to retrieve desired recordings.

- **Exporting Footage:** Select desired video segments and use the export function to save footage to a local drive or network location.

- **User Management:** Create and manage user accounts with different access levels for viewing, playback, and configuration.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your recording server:

- **Software Updates:** Periodically check for and install the latest firmware and software updates from the GeoVision official website to ensure security and performance improvements.

- **Storage Management:** Monitor disk space usage regularly. Configure automatic overwriting of old footage or set up archiving policies to prevent storage overflow.

- **System Logs Review:** Review system logs for any errors or warnings that may indicate potential issues.

- **Physical Cleaning:** Keep the server's exterior clean and free of dust. Ensure ventilation openings are not obstructed. Do not use liquid cleaners directly on the unit.

- **Backup Configuration:** Regularly back up your server's configuration settings to a separate storage device.

TROUBLESHOOTING

This section provides solutions to common issues:

Problem	Possible Cause	Solution
No video display from cameras	Network connectivity issues, incorrect camera IP, camera power off, software configuration error.	Check network cables and connections. Verify camera IP addresses and ensure they are powered on. Re-add cameras in the server software.
Server not accessible via network	Incorrect IP address, network cable disconnected, firewall blocking access.	Verify server's IP address and subnet mask. Check network cable. Temporarily disable firewall for testing.

Problem	Possible Cause	Solution
Recording stops unexpectedly	Insufficient disk space, hard drive failure, software crash, power interruption.	Check available disk space. Inspect hard drive health. Restart server software. Ensure stable power supply.
Poor video quality	Low camera resolution settings, network bandwidth issues, server overload.	Adjust camera resolution settings. Check network traffic. Reduce number of simultaneous operations on the server.

SPECIFICATIONS

- **Model Number:** 56-RG048-000
- **Brand:** GeoVision
- **Channels Supported:** Up to 48 Channels
- **Product Type:** Recording Server
- **Manufacturer:** GeoVision, Inc
- **First Available:** September 29, 2013

WARRANTY INFORMATION

GeoVision products typically come with a limited manufacturer's warranty covering defects in materials and workmanship. The specific duration and terms of the warranty may vary by region and product. Please refer to the warranty card included with your product or visit the official GeoVision website for detailed warranty information and registration procedures. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or troubleshooting beyond this manual, please contact GeoVision customer support:
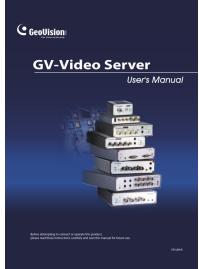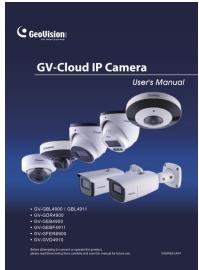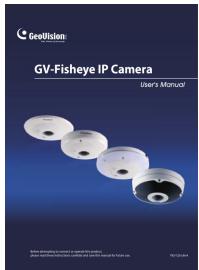
- **Official Website:** Visit www.geovision.com.tw for product documentation, FAQs, software downloads, and support contact information.
- **Technical Support:** Refer to the support section on the GeoVision website for regional contact numbers or online support portals.
- **Authorized Dealers:** Contact your authorized GeoVision dealer or distributor for local support and service.

When contacting support, please have your product model number (56-RG048-000) and serial number ready.

Related Documents - 56-RG048-000

	GeoVision GV-Video Server User's Manual This comprehensive user manual guides users through the setup, configuration, and advanced features of the GeoVision GV-Video Server. It details how to convert analog cameras into IP streams, enable remote monitoring, and integrate with GeoVision's surveillance ecosystem. The manual covers various models including GV-VS04H, GV-VS11, GV-VS12, GV-VS14, GV-VS2400, GV-VS2401, GV-VS2420, GV-VS2800, GV-VS2820, and GV-VS21600, offering essential information for security professionals and system integrators.
	GeoVision GV-AS / EV Controller Quick Start Guide for Access Control Systems Comprehensive Quick Start Guide for GeoVision GV-AS and GV-EV series access control controllers. Covers setup, physical wiring, web interface configuration, and GV-ASManager integration for models including GV-AS100, GV-AS210, GV-EV48, and more. Essential for security system installers and administrators.
	GeoVision GV-Cloud IP Camera User's Manual: Installation, Configuration, and Operation Guide Comprehensive user manual for GeoVision GV-Cloud IP Cameras. Covers installation, network setup (LAN/WAN), live view, detailed configuration of system, image, alarm, and event settings, security management, maintenance, and troubleshooting. Includes model numbers GV-GBL4900, GV-GBL4911, GV-GDR4900, GV-GEB4900, GV-GEBF4911, GV-GFER6900, and GV-GVD4910.
	GeoVision GV-IP Camera Quick Start Guide This Quick Start Guide provides essential information for setting up and installing GeoVision GV-IP Camera series, including GV-EBD, GV-ABL/TBL, GV-ADR/TDR, and GV-AVD/TVD models. Learn about packing lists, overviews, installation procedures, and accessing the camera via its web interface.
	GV-Fisheye IP Camera User's Manual - GeoVision Comprehensive user manual for the GeoVision GV-Fisheye IP Camera series, covering installation, configuration, features, and advanced applications. Learn about video settings, motion detection, network setup, recording, and more.
	GeoVision GV-IP Camera User's Manual: Installation and Configuration Guide Comprehensive user manual for GeoVision GV-IP Cameras, covering installation, network setup, administrator configuration, advanced applications, and integration with GV-DVR, NVR, and VMS systems.