GeoVision GV-VMS020-82-VMS0000-0020

GeoVision GV-VMS for 32CHs Platform User Manual

Model: GV-VMS020-82-VMS0000-0020

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the GeoVision GV-VMS for 32CHs Platform. This software solution is designed to manage up to 20 channels of 3rd party IP cameras, offering robust surveillance capabilities.

SETUP AND INSTALLATION

System Requirements

- Compatible Operating System (Windows Server 2008 R2 / 2012 / 2016 / 2019, Windows 7 / 8 / 8.1 / 10)
- Minimum Processor: Intel Core i5 or equivalent
- Minimum RAM: 8 GB
- Sufficient Hard Disk Space for video storage
- Network connectivity for IP cameras

Software Installation

1. Insert the GV-VMS installation disc or download the installer from the official GeoVision website.
2. Run the setup executable as an administrator.
3. Follow the on-screen prompts to complete the installation. Select the desired installation directory.
4. Upon completion, restart your computer if prompted.

Initial Configuration

1. Launch the GV-VMS application from your desktop or Start Menu.
2. The first-time setup wizard will guide you through basic network settings and user account creation.
3. Add IP cameras by specifying their IP addresses, protocols (e.g., ONVIF, RTSP), and login credentials. Refer to your camera's manual for specific details.
4. Configure recording schedules and storage paths as per your surveillance requirements.

Image: A person holding a white device, likely a laptop or tablet, which could represent the hardware used to run the GV-VMS software. This illustrates the typical environment where the software might be deployed.

OPERATING INSTRUCTIONS

Live View

- Access the Live View tab to see real-time feeds from all connected cameras.
- Double-click on a camera feed to view it in full screen.
- Use the layout options to arrange multiple camera views simultaneously.

Recording and Playback

- Recordings are managed under the 'Record' section. Configure continuous, motion-detection, or scheduled recording.
- To playback recorded footage, navigate to the 'Playback' tab. Select the camera and time range.
- Use the timeline scrubber to navigate through recorded events. Export desired footage using the export tool.

Event Management

- Set up various event triggers such as motion detection, video loss, or alarm input.
- Configure corresponding actions like email notifications, pop-up alerts, or alarm outputs.
- Review event logs in the 'Event Log' section for a detailed history of system activities.

MAINTENANCE

Regular Checks

- Periodically verify that all cameras are online and recording correctly.
- Check the available storage space to ensure continuous recording. Archive or delete old footage as needed.
- Ensure the system time is synchronized for accurate event logging and playback.

Software Updates

- Regularly check for software updates from the GeoVision website to ensure optimal performance and security.
- Backup your configuration settings before performing any major software updates.

TROUBLESHOOTING

Common Issues and Solutions

- **No Camera Feed:** Verify camera network connectivity, IP address, and login credentials. Check firewall settings on the VMS server.
- **Recording Not Working:** Ensure sufficient disk space, check recording schedules, and verify camera status.
- **Poor Video Quality:** Check camera resolution settings, network bandwidth, and ensure no packet loss.
- **Software Crashing:** Ensure system meets minimum requirements, update graphics drivers, and check for conflicting software. Reinstall if necessary.

For more detailed troubleshooting, refer to the GeoVision support portal or contact technical support.

SPECIFICATIONS

Feature	Detail
Manufacturer	GeoVision
Model	GV-VMS020-82-VMS0000-0020
ASIN	B0161UZURA
Date First Available	June 7, 2019
Channels Supported	Up to 20 channels (for 3rd Party IP Cameras)
Platform Compatibility	32CHs Platform

WARRANTY INFORMATION

GeoVision products typically come with a standard limited warranty. For specific warranty terms and conditions related to the GV-VMS software license, please refer to the license agreement included with your purchase or visit the official GeoVision website. Keep your proof of purchase for warranty claims.

TECHNICAL SUPPORT

For technical assistance, product inquiries, or advanced troubleshooting, please contact GeoVision technical support. Support resources, including FAQs, knowledge base articles, and contact information, are available on the official GeoVision website:
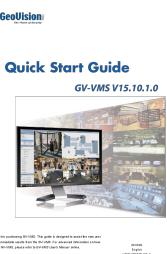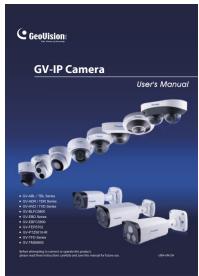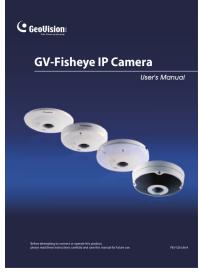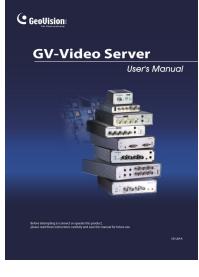
Website: www.geovision.com.tw

Please have your product model number (GV-VMS020-82-VMS0000-0020) and any relevant error messages ready when

contacting support.

Related Documents

[GeoVision GV-VMS Quick Start Guide - Installation and Setup](#)
Get started quickly with GeoVision's GV-VMS (Video Management System). This guide covers installation, basic configuration, and essential features for managing IP cameras.

[GeoVision GV-IP Camera User's Manual: Installation, Configuration, and Smart Features](#)
Comprehensive user manual for GeoVision GV-IP cameras. Covers installation, setup, network configuration, smart features, and integration with GV-VMS/DVR/NVR systems. Includes details on various GV-IP camera series.

[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-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.