

GV-DVR / Hybrid DVR / NVR Surveillance System



GV-DVR

GeoVision's GV-Series is a PC based surveillance system designed to process video, audio and data from local and remote network surveillance environment. With more special features and more integration versatility provided, the GV-Series Surveillance System V8.5 delivers more powerful and streamlined surveillance operation performance as well as enhanced management efficiency. In addition it offers advantages that convert into low cost of installation and unlimited connectivity options. With video, audio, data, and I/O devices combined all into one system and through uniform software platform interface, each of these solutions provides a full list of features and functionalities that can quickly fulfill various clients' particular security surveillance requirements.

- Powered by Intel® Dual Core / Intel® Core™ i3 / Core™ i5
- Support 4-32 channels IP cameras
- Options for 5x or 8x HDD Bay
- Options for RAID data protection with Hotswap redundant power and fan
- Home, Retail, Clinic, Hospitality, Residential, Factory, College, School

GV-Hybrid DVR

GV-Hybrid DVR can easily integrate surveillance system and IP cameras, and load analog and digital video data into the same interface to become a comprehensive hybrid solution. Combining the best of both the analog and digital worlds, the GV-Hybrid DVR is a versatile video management platform. It answers needs for a transition from a legacy analog infrastructure towards a pure IP surveillance environment.

- Powered by Intel® Core™ i5 / Core™ i7 / XEON™
- Hybrid solution integrating analog with digital video from GV-IP cameras or third-party IP cameras.
- Options for 8x / 16x / 24x Hotswap HDD Bay
- Options for RAID data protection with Hotswap redundant power and fan
- Suitable for Hypermarket, bank, warehouse, retail shop, college & etc.

GV-NVR

The GV-NVR (Network Video Recorder) records video and audio data over TCP/IP networks. With up to 32 channels of pure IP surveillance, the GV-NVR offers the same functions as GV-Series Surveillance System. From monitoring features to video analytics as well as integration with LPR, POS/ATM and Access Control systems, it stands as one of the most comprehensive IP surveillance software in the security market.

Combined with GeoVision IP camera, the GV-NVR takes advantage of a better image quality thanks to the progressive scan technology and allows advanced video features such as Picture-In-Picture and Picture-And-Picture. Compatibility with a wide range of third party IP cameras makes the GV-NVR the ultimate solution for pure IP surveillance environments.

- Powered by Intel® Core™ i5 / Core™ i7 / XEON™
- Support 4-32 channels IP cameras
- Options for 8x / 16x / 24x Hotswap HDD Bay
- Options for RAID data protection with Hotswap redundant power and fan
- Corporate, Factory, Bank, City Surveillance, Government, Public Transportation

FEATURE:

▶ **Monitoring**

- Support for 32 channels in GV-System and CMS applications
- Support for two GV Video Capture Cards in GV-System (*)
- Support for GPU decoding
- Digital Matrix, support maximum 8 monitors display
- Hybrid Solution integrating analog videos with digital videos from GV-IP video products and third-
- Codecs: Geo H264, Geo MPEG4
- Multithreading Encoding (*)
- Higher UI Screen Resolutions (1920 x 1200, 1680 x 1050, 1600 x 1200, 1280 x 800, 1440 x 900, 192
- Noise Tolerance for Motion Detection
- Noise Detection to Reduce File Size (*)
- Noise Filter to Filter Out Video and Audio Noise (*)
- Report Generator

- Support for Cardholder data from GV-Video Server
- Touch Screen Support
- Full screen view
- Dual display operation for live monitoring and ViewLog playback on two monitors
- Screen pop-ups on motion or alarm activation
- Advanced Motion Detection
- Digital watermark
- Video lost detection
- On screen video loss message
- Video de-interlace filter
- E-map
- Windows lockup
- Image size indicator
- Synchronized video and audio
- Backlight compensation
- Video auto gain controller (*)
- Video scaling filter
- AVI repair utility
- System log
- Support 1,000 accounts for logins and passwords
- Multi level passwords protection
- Use Microsoft Remote Desktop to control another GV-System
- Twin DVR
- Embedded I/O devices control
- Embedded PTZ control panel
- Support dynamic IP address
- Password Expiration Management
- System Idle Protection
- Spot Monitor Controller
- POS Live Viewer
- Photo-ID Integration (GV-WT)
- Hard Disk Calculator (*)
- Authentication Server
- Colorful Mode to enhance video color

▶ **Intelligent Recording & Playback**

- Choice of recording at 30, 60, 120, 240, 480 and 960 fps (*)
- Recording trigger by round-the-clock, motion detection, alarm and schedule
- Adjustable recording quality and frame rate for each camera
- Pre-motion and post-motion recording
- Supports Windows XP / Vista / 7 / Server 2008 burning software
- Pre-Recording Using HDD (*)
- Advanced Round-The-Clock Recording (*)
- Instant Playback

- Time Merge From Different Clips
- Splitting Files for Backup onto Multiple Discs
- Extracting Frames from a Video Clip During Playback
- Support for Daylight Saving Time (DST)
- Playback of GPS tracks from GV-Compact DVR and GV-Video Server

▶ **Audio**

- 32 channels of live audio streaming and recording

▶ **Video Analytics**

- Enhanced Object Counting
- [People Counting](#)
- Intrusion Alarm
- Face Detection
- Privacy Mask
- Unattended and Missing Object Detection
- Scene Change Detection
- Advanced Scene Change Detection(**)
- Advanced Unattended Object Detection(**)
- Advanced Missing Object Detection (**)
- Panorama View (**)
- Video Stabilization (**)
- Defog Function (**)
- Crowd Detection (**)
- Object tracking and zooming by PTZ domes (*)
- Single PTZ Tracking (*)
- Digital Object Tracking (**)
- Face Count (**)

▶ **Smart Search & Ease Playback**

- Timeline Search
- Face Detection for Object Index
- Object search
- Index search
- Object Index
- Thumbnail browse for ease of search for specific frames within video footage
- Export a video footage within a specified time range
- Synchronized audio and video for both live and playback modes
- Continues playback of set frames A to B
- EXE format export, playable with any third-party players
- AVI format export in multiple screens mode
- DVD format export for Hybrid Card format files
- Option for recycling the input-triggered events (Never recycle function)

▶ **Notification**

- E-mail notification with attached video images on motion and alarm activation
- E-mail or telephone notification on video lost or I/O error
- Directs PTZ dome to a preset location on motion and alarm activation
- SMS alerts available in Main System, Center V2 and Vital Sign Monitor
- Alarms on objects that pass between predefined regions

▶ **WebCam - Remote Surveillance**

- POS Live View via IE Browser
- 3G Mobile Phone Support (3GPP)
- SSL Encrypt Connection Support
- UPnP™ Support
- Control Panel on Single View to Provide Instant Information and Operation
- Support PIP, PAP, Defogging Live Videos, and Video Stabilizer in Single View
- Restricting Power User and User to Access WebCam Server at Specified Time Length
- Event List Query
- Download Center
- Drag-and-Drop Support for Camera, PTZ and I/O Icons on the 2 Windows of MPEG4 Encoder View
- Remote E-Map
- Pop-up Live Images upon Input Trigger in Remote E-Map
- Multicast
- Audio Broadcast

▶ **Advanced I/O Control**

- Visual Automation
- Virtual I/O Control
- One-Click I/O Status Control
- Multiple I/O Types Selection
- Latch Trigger Feature

▶ **Mobile Phone Application**

- Support 4, 9, and 16 screen divisions
- PTZ control via directional buttons
- Channel switch via middle button
- Support for Nokia S60 3rd Edition

▶ **Profile Management**

- Selectable GUI Skin
- Custom Start-Up Splash Screen, Non-Active Video & Video Lost Screen
- Customizing System Features
- Easy Configuration Backup & Restore
- Custom DVR Setting's Template

▶ **Remote Monitoring Software**

- WebCam
- Remote Playback System
- Android Smartphones
- BlackBerry Smartphones
- iPhone / iPod / iPad
- Symbian Smartphones
- Windows Smartphones
- Windows PDA

▶ **IT Technology**

- RSA Network Security
- Authentication Server: central control of password settings in local GV-DVRs

▶ **Central Monitoring Station (CMS)**

- [Center V2](#)
- [Vital Sign Monitor](#)
- [Dispatch Server](#)
- [Control Center](#)
- [GV-GIS \(Geographic Information System\)](#)

▶ **Integration Solution**

- [Point-Of-Sale](#)
- EAS Integration
- [Access Control](#)
- [Megapixel Integration](#)
- [Licence Plate Recognition](#)
- [Central Monitoring Station](#)

Note: (*) Not supported by GV-NVR

The feature with **(**)** mark needs to work with an AVP dongle which you need to purchase additionally.