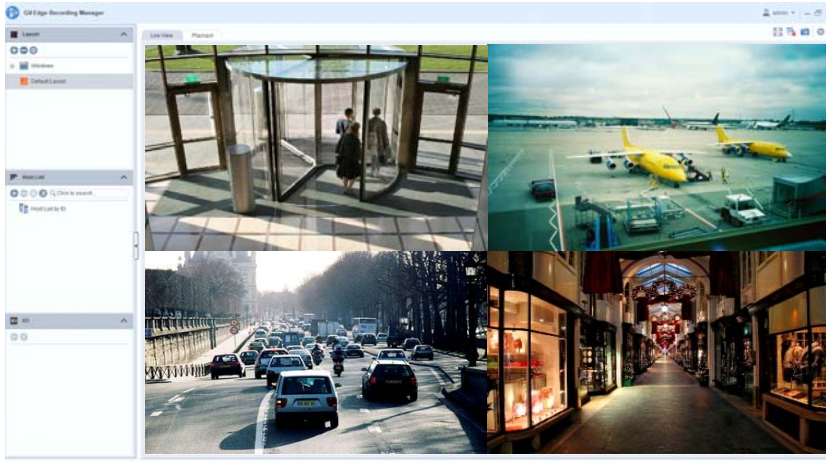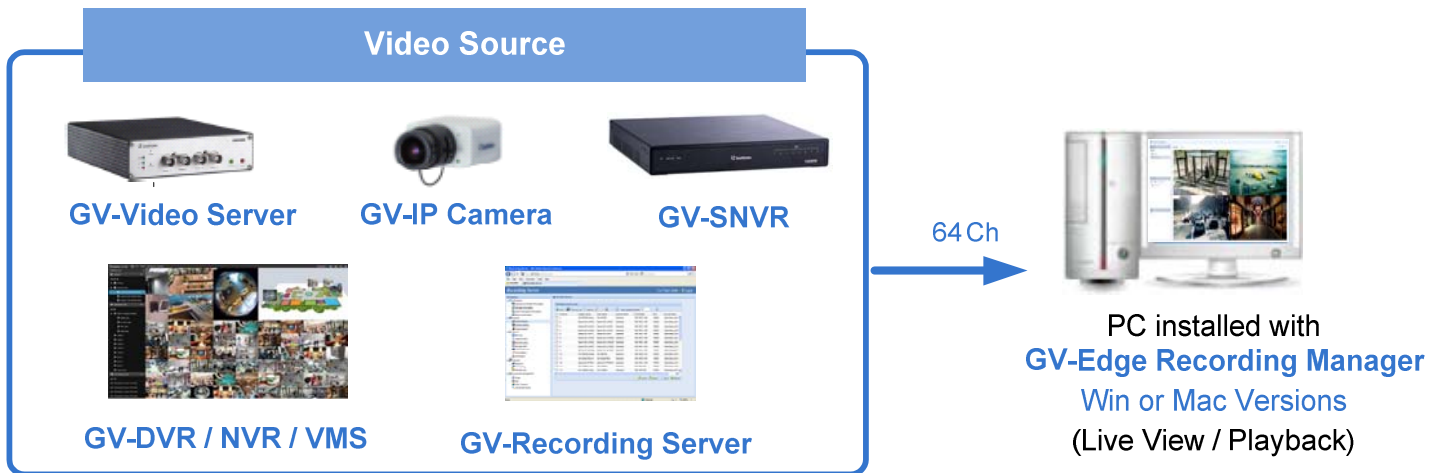# GV-Edge Recording Manager (Windows Version)

Introduction

GV-Edge Recording Manger is designed for remote live viewing and playback of GeoVision IP devices and software. GV-Edge Recording Manager provides an integrated interface for you to access live view, assign recording to NAS servers, enable/disable recording, play back videos and even view storage information of IP cameras -- without visiting each host's Web interface. Any connection to hosts can be stopped without affecting the recording and normal functioning of the devices.

GV-Edge Recording Manger brings live view and allows remote control of GV-IP Camera, GV-Video Server and GV-SNVR, as well as GV-DVR / NVR / VMS and GV-Recording Server, together under one management interface.

Assigning Recording to NAS Servers

Through GV-Edge Recording Manager, you can assign GV-IP Cameras to record to NAS servers and also view the storage information such as the occupied space and remaining space. GV-NAS Systems are also available at your choice.

Features

- Display up to 32 channels for free, up to 64 channels using a GV-USB dongle
- On-demand display for dual channels
- Fisheye dewarping
- Varieties of live view displays: PIP / PAP view, Focus view, Scan window, projecting a live view display on another monitor
- Take snapshots of live images
- Remotely enable or disable recording to connected GV-IP Camera, GV-DVR / NVR / VMS
- Assign NAS storage for recording
- Remote playback
- Batch IP address assignment
- PTZ control
- Two-way audio
- Import and export of system configuration
- Storage information (free and occupied space) of GV-IP Camera
- Trigger output devices of connected hosts
- Support for GV-Joystick with 64-ch license

Minimum System Requirements

OS	64-bit	Windows 10 / Server 2016 / Server 2019
CPU	32 channels (with Dual Streams)	Core i3-4130, 3.4 GHz
	64 channels (with Dual Streams)	Core i5-4670, 3.4 GHz
Memory	32 Channels (with Dual Streams)	8 GB
	64 channels (with Dual Streams)	16 GB
Graphic Card		PCI-Express, 800 x 600 (1280 x 1024 recommended), 32-bit color

Software License

Free License		32 channels
Maximum License		64 channels (Windows / Mac) + GV-Joystick (Windows)
Increment for Each License		N/A
Optional Combinations		N/A
License Type	Windows	Software License, Internal or External Dongle
	Mac	In-App Purchase

Note:

1. GV-USB dongle comes in internal and external dongles. It is recommended that you use the internal GV-USB Dongle to have the Hardware Watching function which restarts the PC when Windows crashes or freezes.

2. You can only purchase software license for Mac online. For details, see 12.2 Purchasing License.

3. The licensing for Windows version comes in two forms: GV-USB dongle and software license. The two are incompatible. If a GV-USB dongle has been inserted on the system, remove it before using software licensing. For details on software licensing, click here.

Compatible GeoVision IP Devices and Software

GV-IP Devices		Supported Version
GV-IP Camera		All GV-IP Cameras with the latest firmware.
GV-Video Server	GV-VS11	V1.03 or later
	GV-VS12	V1.07 or later
	GV-VS14	V1.01 or later
	GV-VS2400/2420	V1.00 or later
	GV-VS2800/2820	V1.00 or later
	GV-VS21600	V1.00 or later
GV-SNVR System	GV-SNVR0400F	V1.10 or later
	GV-SNVR0411	V2.10 or later
	GV-SNVR0412	V1.00 or later
	GV-SNVR0811	V2.40 or later
	GV-SNVR0812	V1.00 or later
	GV-SNVR1600	V1.10 or later
	GV-SNVR1611	V1.00 or later
GV-Software		**Supported Version**
GV-Recording Server		V1.2.4.0 or later
GV-DVR/NVR		V8.7.1.0 or later
GV-VMS		V14.10 or later

Note:
1. Recording to GV-NAS Systems is only supported by GV-IP Camera and GV-Target Camera of the specified versions.
2. Files recorded to GV-NAS Systems are stored in MPEG4 format and those recorded to memory cards are stored in AVI format.
3. Remote playback from SD card is not supported for the following models: GV-ABL / TBL Series, GV-ADR / TDR Series, GV-AVD / TVD Series, GV-EBD Series, GV-QSD5730 / 5731-IR, GV-SD2322-IR / 2722-IR / 3732-IR.

Specifications

Supported Hosts		
GV-DVR / NVR		64 hosts
GV-VMS		
GV-Recording Server		
GV-IP Camera		
GV-Video Server		
GV-SNVR		
Live View		
No. of Channels		32 (free); 33 ~ 64 (with GV-USB dongle)
Window Division		4, 6, 8, 9, 10, 13, 16, 25, 36, 49, 64
Display Mode		Fisheye dewarping, PIP, PAP, wide angle lens dewarping, fisheye object tracking, zoom, snapshot, focus view, scan view
Audio		Two-way
PTZ		Pan, tilt and zoom
Host Recording (Monitoring)		Enable/disable monitoring of hosts (only for GV-IP Camera, GV-DVR / NVR / VMS)
Channel Status Indicator	Yellow	Not under monitoring
	Green	Under monitoring but not being recorded
	Red	Under monitoring and is being recorded
Host Batch Management		NAS setup, IP address configuration, time synchronization with GV-Edge Recording Manager (only for GV-IP Camera)

Note: NAS setup is supported by GV-IP Camera (firmware V3.0 or later), GV-Target Camera (firmware V1.02 or later), GV-EFD2101/EFD3101/EVD2100/EVD3100 (firmware V1.00 or later)

Playback	
Max. Number of Channels	64
Playback Mode	Fisheye dewarping, wide angle lens dewarping, defog, PIP, PAP, Stabilizer

Note: The Playback Mode is not available when you access the recordings saved on the NAS System.

Others	
Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish

Note: All specifications are subject to change without prior notice.

Options

GV-NAS System	GV-NAS System is a Linux-based, network attached storage device designed to store GV-IP Camera and GV-Target Camera recordings.