

# GV-Control Center

Handy Tool  
For Security  
Control Center  
Operations

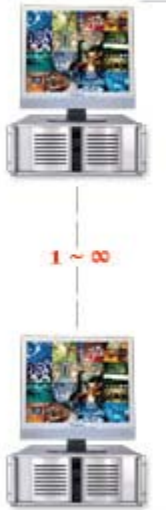


## INTRODUCTION

The GV-Control Center software is an integrated security management system that provides a handy tool to maintain central monitoring station operation. GV-Control Center introduces a comprehensive solution that provides center operators with time efficiency to control networked GV-Systems and I/O devices. With GV-Control Center, multiple GV-Systems and I/O devices within a DVR server farm can be managed and maintained efficiently to enhance their monitoring performance and ensure smooth operation.



GV-SYSTEMS



INTERNET

## SITE SURVEILLANCE CONTROL CENTER APPLICATIONS



**Remote DVR**  
Full control of local DVR settings



**Remote Desktop**  
Remote access to local DVR desktop



**Digital Matrix**  
Video display, recording and playback from different groups of cameras



**Remote ViewLog**  
Playback of recorded videos from local GV-Systems



**I/O Central Panel**  
Group, manage and trigger related I/O devices



**IP Matrix**  
TV Wall control with up to 36 Matrix views and 3,456 cameras

I T M A I N T E N A N C E

## MAIN FEATURES

The Control Center's features and capabilities include the followings.

### ▶ Remote DVR Configuration: Full control of local DVR settings

The Remote DVR facilitates the administrator to remotely configure local GV-System's specific settings from one single workstation. When the Remote DVR is on the run, the local GV-System loses its full control of the DVR operations and the Control Center takes full control of the configuration.

### ▶ Remote Desktop: Remote access to local DVR desktop

When the Remote Desktop is on the run, the Control Center will receive the same desktop view of local DVR. In the meantime, the security administrator can remotely control the local GV-System's full operations and even configure Windows operation system of the networked GV-System at low bandwidth.

### ▶ Matrix View: Remotely monitor, record and playback from 1000 hosts

The Matrix View is a single display where videos from a group of maximum 96 cameras will be displayed, e.g. groups of office area cameras, exit cameras, or street cameras. The GV-Control Center supports up to 8 Matrix View displays with 768 cameras on 8 monitors at a time. Depending on various surveillance needs, the center operator can open 8 Matrix View displays simultaneously to view more videos from different DVRs / NVRs. Each Matrix View supports live monitoring, recording and video playback.

### ▶ Remote ViewLog: Playback of recorded videos from local GV-Systems

The Remote ViewLog function enables playback of all video archives from different GV-Systems. The security administrator can utilize this Remote ViewLog to save video clips for future event retrieval or for video evidence.

### ▶ I/O Central Panel: Group, manage and remotely configure I/O devices

The Control Center provides a useful I/O Central Panel for the security administrator to remotely manage all I/O devices connected with GV-Systems. Administrators can group function-related I/O devices together for ease of control, e.g. groups of IR sensors, alarms, or fire exits. In case of building fire, for example, the Control Center can trigger all alarms on the networked GV-Systems and force opening all the fire exits or water spray systems at the same time.

### ▶ IP Matrix: TV Wall control

The Control Center provides a virtual monitor option, the IP Matrix, for TV Wall control capable of providing up to 36 Matrix views and 3456 cameras over the network.

## SPECIFICATIONS

Features	Control Center
DVR Hosts	1,000
Video Server Hosts	500
IP Camera Hosts	(Aggregated number of GV-Video Server, Specific 3rd party IP Camera, GV-IP Camera 1.3M and Compact DVR hosts)
Compact DVR Hosts	
Remote DVRs	Unlimited
Remote Desktops	Unlimited
Remote ViewLogs	5
I/O Hosts (only for GV IP products)	DVR: 1,000 Hosts GV-Video Server + GV-IP Camera 1.3M + GV-Compact DVR: 500 Channels
Remote E-Map Hosts	500
Remote E-Map Maps	Unlimited
Live Views (Advanced Type UI)	One (Displays one at a time from one application)
Live View Channels (Standard Type UI)	20
Matrix Views / Groups / Channels	8 Matrix Views / Unlimited / 768 Channels (For 1920x1200, 1920x1080 resolution)
IP Matrix Monitors / Channels	36 Monitors / 3456 Channels
VMD Groups / Group Channels	1 VMD Group Group Channel (Only for GV IP products): <ul style="list-style-type: none"> <li>DVR: 1000 Channels</li> <li>GV-Video Server + GV-IP Camera 1.3M: 200 Channels</li> </ul>
Panorama Views / Channels	4 Panorama Views / 32 Channels
Matrix Resolutions / Channels	1024x768 / 64 Channels (Total: 512 Channels on 8 Matrix)
	1280x1024 / 64 Channels (Total: 512 Channels on 8 Matrix)
	1680x1050 / 80 Channels (Total: 640 Channels on 8 Matrix)
	1600x1200 / 64 Channels (Total: 512 Channels on 8 Matrix)
	1920x1200 / 96 Channels (Total: 768 Channels on 8 Matrix)
	1920x1080 / 96 Channels (Total: 768 Channels on 8 Matrix)
	1280x800 / 48 Channels (Total: 384 Channels on 8 Matrix)
	1440x900 / 48 Channels (Total: 384 Channels on 8 Matrix)

## MINIMUM SYSTEM REQUIREMENTS

### Standard Version

Minimum requirements for GV-Control Center

OS	32bit	Windows XP, Windows Vista, Windows 7, Windows Server 2008
	64bit	Windows 7, Windows Server 2008
CPU	Pentium 4, 3.0 GHz with HT	
Memory	2 x 512 MB Dual Channels	
Hard Disk	1 GB	
VGA	NVIDIA GeForce 8600GT or ATI Radeon X1650	
Direct X	9.0c	

### Advanced Version

GV-Control Center used for 4 Matrixes or 150 Channels

OS	32bit	Windows XP, Windows Vista, Windows 7, Windows Server 2008
	64bit	Windows 7, Windows Server 2008
CPU	Core2 Duo E6600, 2.4 GHz	
Memory	2 x 1 GB Dual Channels	
Hard Disk	1 GB	
VGA	NVIDIA GeForce 8600GT x2 or ATI Radeon X1650 x2	
Direct X	9.0c	

### Professional Version

GV-Control Center used for 8 Matrixes and more than 250 Channels

OS	32bit	Windows XP, Windows Vista, Windows 7, Windows Server 2008
	64bit	Windows 7, Windows Server 2008
CPU	Core2 Quad Q6600, 2.4 GHz	
Memory	2 x 1 GB Dual Channels	
Hard Disk	1 GB	
VGA	NVIDIA GeForce 8600GT x3 or ATI Radeon X1650 x3	
Direct X	9.0c	

**Note:** We do not recommend installing GV-Center V2 (Pro) and GV-Control Center modules on the same PC. **Running GV-Center V2 (Pro) and GV-Control Center on the same PC may result in CPU overload error or system failure.**