

GV-Center V2 Pro



INTRODUCTION

The GV-Center V2 Pro is a professional version of Central Monitoring Station (CMS) software that can be installed in a CMS server. It brings multiple GeoVision GV-Systems together into an integrated interface, allowing the operator to manage several systems from one point of control. The GV-Center V2 Pro can manage 500 GV-Systems and receive video images from maximal 800 channels to its monitoring screen. On an alert condition, the GV-Center V2 Pro receives live images or event messages with attached video clips to correlate evidence of activity and instantly brings operator's attention.

BENEFITS OF USING GV-CENTER V2 PRO

▶ Cost-effective

- Uses GV-Center V2 Pro software on current GV-System
- Saves cost compared to traditional matrix systems or alarm monitoring services

▶ Time-effective

- Flexible control and management to 500 GV-Systems
- Helps security operator verify the nature of the alarm on the spot
- Fast to handle alert notifications

▶ Relatively small manpower requirements

- Raises the effectiveness of security personnel by bringing potential threats to their attention
- Effectively reduces false alarms

▶ Prescription for business security

- Panic-button support offers effective crime prevention for convenience store, gas station, and restaurant security

▶ Strong Authentication with enhanced network security

- Utilized RSA encryption to protect the data security



FUNCTIONS

Most of the alerts can be verified in video evidence before the security guards are dispatched to the site. We have concluded 19 most frequent alert conditions in a security event. As soon as any of the alert conditions occurs, the GV-Center V2 Pro can automatically activate alarms to notify the operators or the designated authorities, such as security station. The security personnel can thus verify the nature of alarms on the spot and take proper actions. Meanwhile an SMS or e-mail message of alerts will be sent to the local GV-System subscriber or other authorities, such as school administrators. This mechanism of GV-Center V2 Pro and its security network can successfully reduce the probability of false alarms.

CASE DIAGRAM



CENTRAL MONITORING FEATURES

- ▶ View live images from 800 channels of 500 GV-Systems
- ▶ Receive live images on motion detection, alarm, I/O trigger, panic button activation
- ▶ View GV-Systems server information
- ▶ Two-way audio communication
- ▶ Real-time I/O monitoring
- ▶ Receive incident notifications
- ▶ Quick search by key-word in backup ViewLog
- ▶ Remote PTZ control
- ▶ Remote I/O device control
- ▶ Create, edit groups of GV-Center V2 Pro servers and subscribers
- ▶ Keep track of GV-System's location ID, alarm status, and online status
- ▶ Respond to alerts of video lost, motion detection, I/O module lost, I/O triggered, connection lost, subscriber login/logout, surveillance system abnormality, intruder, missing object, unattended object, POS loss prevention, and disk full
- ▶ Send notification via alarms, SMS, and e-mails
- ▶ Logon to SMS server at startup
- ▶ Avoid connection failure
- ▶ 1024x768 or 1280x1024 resolution
- ▶ Live or attached videos at 320x240 / 640x240 / 640x480
- ▶ Single monitor screen divisions: 6/15/24x, 6/12/24x
- ▶ Dual monitors screen divisions: 9/25/36x; 9/20/42x
- ▶ Dual monitor support: one for live videos display, the other for event lists

EVENT LIST FEATURES

- ▶ Display 7 types of event messages: alarm, video attachment, connection status, motion detection, subscriber login/logout history, system status, and module trigger
- ▶ Video attachable files by event
- ▶ Full event lists for quick search
- ▶ Backup in Access format for later retrievals
- ▶ Flag bookmarks for the highlight of important events
- ▶ Event Log Filter as a search engine

RECORDING FEATURES

- ▶ Auto record video events
- ▶ Pre-alarm and post-alarm recording on attachment mode
- ▶ Attachment mode record by motion and I/O trigger
- ▶ Receive video attachment on each event
- ▶ Recycle feature: Delete old file for non-stop recording

GV-CENTER V2 PROFESSIONAL MODULE QUICK INFO

Features	GV-Center V2
Maximum # of Channels	800
Maximum # of Subscribers	500
Maximum # of Sensors / Alarms	36,000 / 72,000
Real-Time Audio Monitoring	Yes
Remote PTZ Control	Yes
Remote I/O Control	Yes
Auto Recording	Yes
Event List Viewer	Yes
Event List Filter	Yes
Dual Monitor Support	Yes
Network Load Support	No
Automatic Connection Recovery	Yes

MINIMUM SYSTEM REQUIREMENTS

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 or ATI Radeon X1650
Direct X		9.0c

Note:

1. To run a GV-Center V2 Pro server, the GV-Center V2 Pro USB key pro is required to connect to the System required above.
2. 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.**