

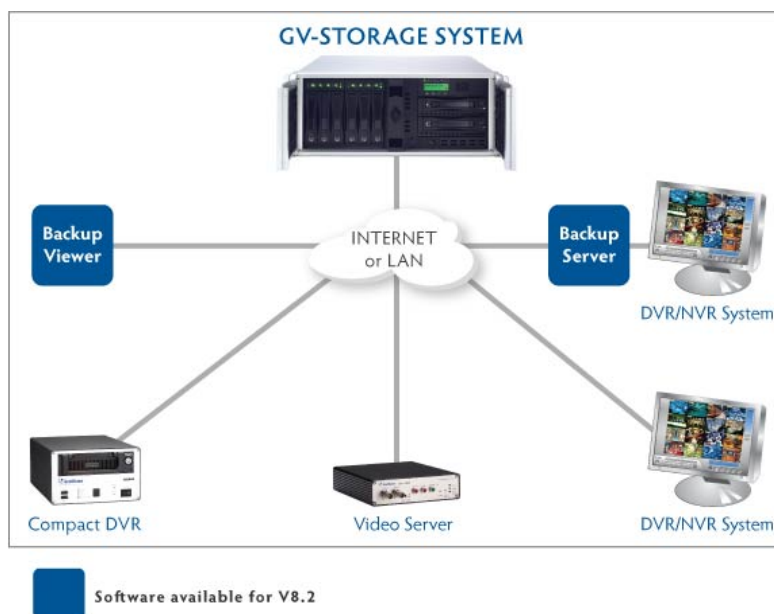
GV-Storage System



INTRODUCTION

GV-Storage System is a high-performance RAID storage system based on the latest iSCSI technology. It provides a centralized network recording solution over TCP/IP by enabling the storage of multiple video and audio streams at the same time.

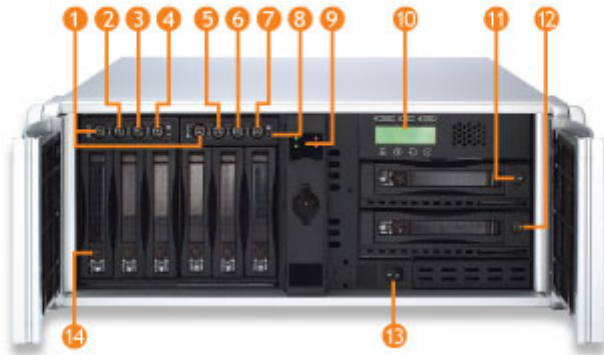
Providing a cost-effective and shared storage solution over the network, users can use their existing Ethernet infrastructure to implement the GV-Storage System. No specialized adaptors, switches and cables are required for DVR servers. And there are no limitations on the number of GV-Storage Systems implemented in a single application. GV-Storage System can store data from GV-Video Server, GV-Compact DVR and GV-DVR/NVR via TCP/IP.



KEY FEATURES

- ▶ Extended storage over Ethernet
- ▶ No requirement for iSCSI HBA
- ▶ No license fee for each connection
- ▶ Easy to operate and maintain
- ▶ 8TB storage capacity or higher (Max. 480 FPS for 8 Weeks)
- ▶ RAID 0 / 1 / 5 / 6 / 10 / 50 / 60 / JBOD
- ▶ Auto volume rebuilding
- ▶ Dual Gigabit iSCSI ports
- ▶ Web GUI management
- ▶ Hardware health monitor
- ▶ Easy data backup with Backup Server (available in GV-System V8.2/GV-NVR)
- ▶ Connection to Video Server & Compact DVR for recording

Front View



1. SATA Backplane Reset Switch
2. HDD 1 (Power Switch)
3. HDD 2 (Power Switch)
4. HDD 3 (Power Switch)
5. HDD 4 (Power Switch)
6. HDD 5 (Power Switch)
7. HDD 6 (Power Switch)
8. Fan Sensor LED
9. System Status LEDs
10. LCD Display
11. HDD 7 (Power Switch)
12. HDD 8 (Power Switch)
13. Power Switch
14. Safety Lock

Rear View



1. Power Supply (420 W) x 2
2. Management Port (10 / 100 Mbps)
3. iSCSI Data Port (10 / 100 / 1000 Mbps)

Rear View

Redundant Power Supply



1. AC Power Input (Full Range)
2. Screw hole to lock with the chassis
3. Handle
4. Power Switch
5. Power Supply LED

SPECIFICATIONS

GV-Storage	
System	
CPU	Intel Xscale IOP331
RAM	512 MB
Power	Dual Redundant Hot Swap 420W
iSCSI Data Port	Two (2) 10 / 100 / 1000 Mbps Ethernet
Management Port	One (1) 10 / 100 Mbps Ethernet
Hot Swap Tray	Eight (8) trays
Fan	Two (2) rear fans
Management	
Management Method	Web GUI, LCD Panel Menu
Alert	Email, SNMP, Windows Messenger, System Buzzer
Temperature Control	Hard Disks, Enclosure, Controller Board
Environmental	
Operating Temp.	0 ~ 50 °C (32 ~ 122 °F)
Humidity	0 ~ 80% RH (non-condensing)
Physical	
IPC Case	4U Rackmount
Color	Silver
Dimensions (W x H x D)	483 x 178 x 528 (mm) / 19 x 7 x 21 (in)
Weight	18.1 Kg (net) - 22.1 Kg (gross) / 39.9 lb (net) - 48.7 lb (gross)