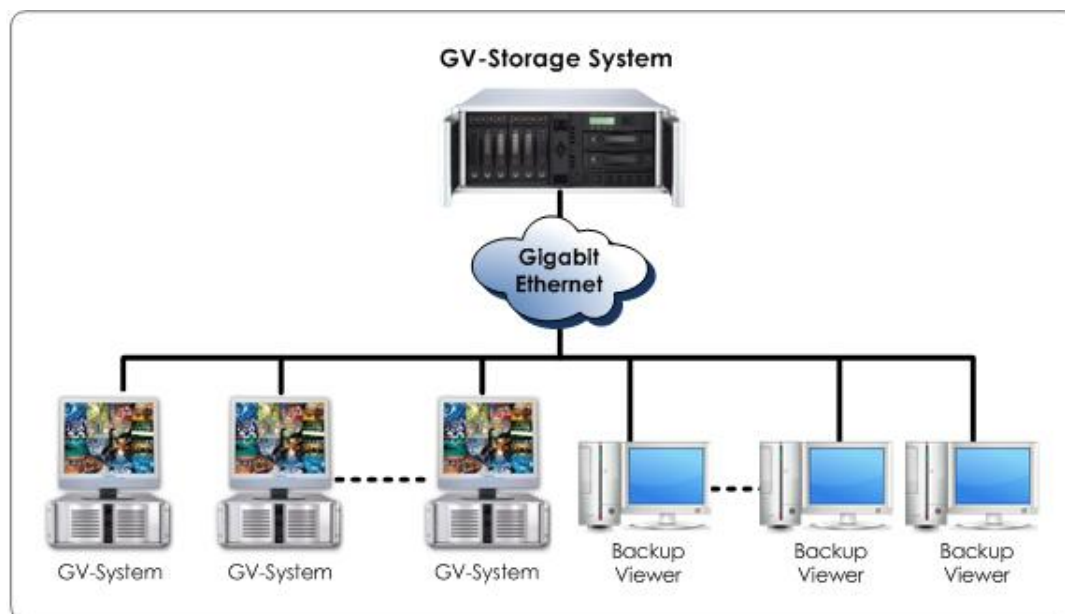# GV-Storage System

INTRODUCTION

GV-Storage System is a high-performance RAID storage system based on the latest iSCSI technology for users looking for 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.
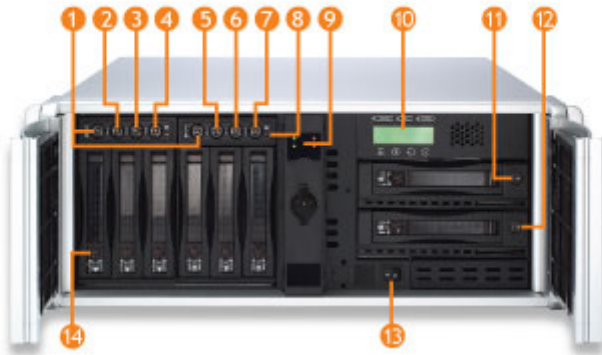
Using Backup Server, GV-Storage System can store recorded files from GV-System version 8.2 or above over the internet. With Backup Viewer, you can access the video recordings and log data backed up at GV-Storage System from any computer.

KEY FEATURES

- Extended storage over Ethernet
- No requirement for iSCSI HBA
- No license fee for each connection
- Easy to operate and maintain
- 16TB storage capacity or higher (Max. 480 FPS for 16 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)

GV-Storage System   *March 15, 2012*

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 IOP 81341
RAM	1 GB
Power	Two (2) Redundant, hot-swappable 420 W, full-range power supplies
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 x21 (in)
Weight	18.1 Kg (net) - 22.1 Kg (gross) / 39.9 lb (net) - 48.7 lb (gross)