GeoVision inc
The Vision of Security

Super Storage
for IP video

1560 CH

1152 TB

GV-Storage System V2

- Designed for IP video storage
- Record up to 1560 channels
- Storage expandable up to 1152 TB
- Power and Ethernet failover

80 PLUS GOLD

intel

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GeoVision Surveillance System

GV-Storage System V2

Large Storage Capacity

GV-Storage System V2, the IP SAN 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. Compared to the desktop PC and consumer NAS system which only allow for 2 ~ 8 hard disks for data storage, GV-Storage System V2 is equipped with 24 hard disk drives, storage capacity up to 144 TB (with 6 TB HDD).

GV-Storage System V2 can connect to 7 units of 24-bay GV-Expansion Systems, JBOD systems, increasing storage up to 192 hard disks with 1,152 TB.

Compatibility with GeoVision Surveillance Systems

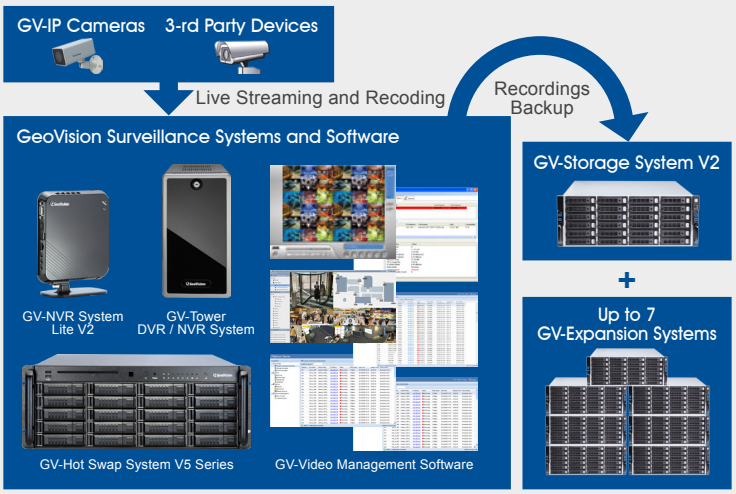
GV-Storage System V2 is compatible with GeoVision Surveillance Systems and Software. With its large storage capacity and high availability, GV-Storage System V2 is an ideal choice for safe and long-term data storage.

Key Features

- 4U 24-bay SATA HDD — 4U 24-bay hot-swap SATA HDD for data storage
- Storage up to 144 TB — Storage capacity up to 144 TB (with 6 TB HDD)
- iSCSI — Hardware iSCSI offload engine
- 6 1GbE iSCSI — Six 1 GbE iSCSI data ports
- RAID — RAID level 0, 1 , 0+1, 3, 5, 6, 10, 30, 50, 60, JBOD, N-way mirror
- Fully redundant Hot pluggable — Fully redundant & hot pluggable designs: power supplies, fan modules
- Background Logical Drive — Background logical drive rebuilding
- Hot Spare — Automatic rebuild onto Hot Spare (Local & Global Hot Spare)
- Web Ethernet Interface — Web management interface enabled on a specific Ethernet interface
- 1152 TB — Storage expandable up to 1152 TB with 192 hard disks by connecting 7 GV-Expansion Systems (4U, 24-bay)

Compatible with

the following GeoVision Surveillance Systems and Software



Recording samples

for one GV-Storage System V2 connecting with 7 GV-Expansion Systems

Resolution	Max. Recorded channels	Max. host connections	Max. Recorded days
1.3 MP	1560 ch	12 GV-Hot Swap Recording Server System, or 24 GV-Hot Swap VMS System, or 48 GV-Hot Swap DVR/NVR System	26 days
2 MP	699 ch	5 GV-Hot Swap Recording Server System, or 10 GV-Hot Swap VMS System, or 21 GV-Hot Swap DVR/NVR System	27 days

Note: The tests were conducted using RAID 5 with 4 HDD in a group, each HDD of 6 TB. The data of 1.3 MP was based on 1.73 Mbps and 2 MP on 3.86 Mbps.

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