

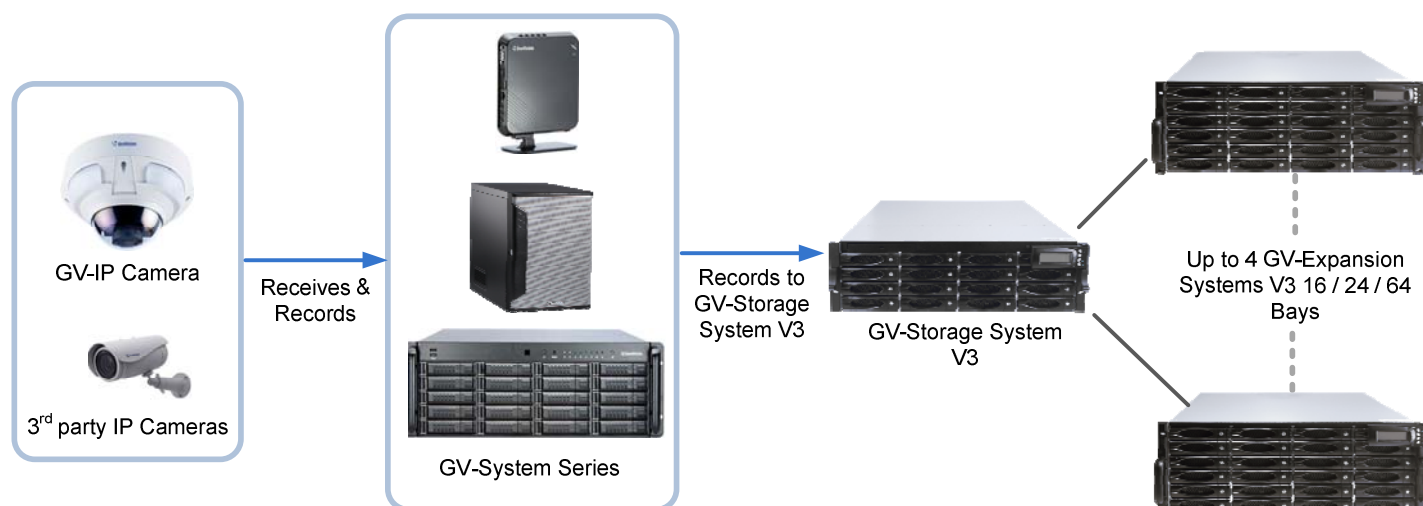
## GV-Expansion System V3 – 4U, 24-Bay



### Introduction

GV-Expansion System V3 24 Bays is a 19-inch 4U rackmount JBOD unit with optimized solutions for servers and external storage systems. It features the latest SAS 3.0 12Gb/s interface and designed to fit in with the environments which need highly reliable and relentless data growth.

GV-Expansion System V3 incorporates the latest enhancements in SAS along with LSI DataBolt bandwidth optimizer technology (EDFB, End Device Frame Buffering). Using DataBolt, it delivers optimized throughput by allowing users to gain 12 Gb/s host speeds with current-generation 6Gb/s drives. It is also a versatile SAS3 / SATA3 disk expansion system, ideal for high capacity and scalability storage in IT demands. GV-Expansion System V3 offers GUI management to monitor enclosure environmental conditions through a remote connection.



### Features

- 4U, 24-bay hot-swappable SAS III / SATA III HDD or SSD drives for data storage
- LSI DataBolt bandwidth optimizer technology
- Fully redundant & hot pluggable designs: power supplies and fans
- industry-standard SCSI enclosure services to monitor enclosure and disk environmental conditions
- S.E.S. support for standard enclosure management
- System LED indications
- Monitoring: Fan speed, power supply, system voltage and system temperature
- System alarm
- Storage capacity up to 240 TB (with 10 TB HDD)

## Specifications

System	
No. of Hot Swap Drive Bays	
24	
HDD Type	
2.5" and 3.5" SAS III / SATA III	
Power	
AC 90 ~ 264 V Full Range 10 ~ 5 A, 47 ~ 63 Hz	
Fan	
Hot pluggable and redundant fan x 4	
Physical	
LCD Front Panel	
Yes (System Status, Network Configuration, Password Settings, Alarm Buzzer Settings)	
LED Indicator	
Yes (System, Access, Fail)	
SAS Ports	Host Interface
	Expansion
One 4x mini SAS HD (12 Gb/s)	
Three 4x mini SAS HD (12 Gb/s)	
Color	
Black	
Form Factor	
4U 19 inch rackmount chassis	
Dimensions (W x H x D)	
482 x 176 x 607 mm / 18.98 x 6.92 x 23.90 in	
Weight	
27.5 kg / 60.6 lb (Diskless)	
Regulatory	
CE / FCC / BSMI / RoHS	
Environment	
Operating Temperature	
10 ~ 40°C / 50 ~ 104 °F	
Humidity	
10 ~ 85% RH (non-condensing)	

### Note:

1. If you are in an area with unstable voltage, make sure to install an automatic voltage regulator (AVR) or a UPS power supply with AVR function, to maintain a constant voltage.
2. All damages to the power supply caused by unstable voltage are not included in the 2-year warranty service.
3. All specifications are subject to change without notice.

## Overview

**Front Panel**



**Back Panel**



## Packaging

- GV-Expansion System V3 24 Bays
- Power Cord x 2
- External Serial Cable RJ11-to-DB9
- Mini SAS HD Cable
- Ethernet LAN cable
- PSFM Blanking Plate
- Download Guide
- Screws (packet)
- Rail Kit