



S-24D

Features and Functions

High-performance and Scalable Hardware Platform

- Modular design.
- Dual 64-bit multi-core processor
- 8 to 128 GB high-speed cache.
- SAS2.0 and PCI-E2.0.
- 4U chassis, 24/36 HDDs; 8U chassis, 48/72 HDDs.
- Four to eight 1000M network interface, supporting SAS cascading, scalable 10G network interface.



HDD Detection and Repair/RAID Optimization

- Detection before operation.
- Detection in operation.
- Fault repair.
- RAID 0, 1, 3, 5, 6, 10, 50, VRAID.
- Global and local hot spare.
- Quick RAID building.
- Capability of cascading up to two storage enclosures behind a single SAS port.

Advanced Data Protection

- Synchronous backup of key information in system disk and HDD.
- RAID-based tamper-proof data technology.
- Auto data synchronization between devices.
- Volume clone technology.

Specifications

Model		S-24D
Performance	Direct Streaming Mode: Video (2 Mbps) + Picture	320-ch recording + playback
Controller	Processor Cache	Dual 64 bit multi-core processor 8 GB (extendable to 128 GB)



Storage	HDD slot Interface/capacity RAID	SATA 1TB, 2TB, 4TB, 6TB, 8TB, 16TB Supported RAID 0, 3, 5, 6, 10, VRAID, JBOD, hot spare
Network	Protocol	RSCSI, RTSP, ONVIF, PSIA
External Interface	Data Management SAS COM USB VGA	4, 1000M Ethernet Interface (4x1GbE or 2 x 10GbE is extendable) 1, 100M Ethernet Interface Supported 1, for Hyper Terminal or UPS 4 1
General	Power supply Consumption (with HDDs) Chassis	Redundancy (1+1) - Operating: $\leq 410W$ - 19-inch 4U