

high performance serial attached SCSI external storage device with RAID-function

Features

- SAS 2.0 (6G) interface, compliant with SAS 1.0 (3G) and SATAII device.
- RAID level 0, 1, 10 (1E), 3, 5, 6, 30, 50, 60, JBOD.
- Write-through or write-back cach support.
- Supports hot spare and automatic hot rebuild.
- Allows online capacity expansion within the enclosure.
- Local audible event notification alarm.
- Supports password protection
- Built-in serial port interface for remote event notification.
- Dual host channels support clustering technology.
- Disk scrubbing/ array verify scheduling for automatic repair of all configured RAID sets.
- Transparent data protection for all popular operating system.
- Support RAID ADG (RAID 6) which provides the highest level of data protection.
- Supports multiple array enclosures per host connection.
- Online RAID level/volume migration.
- Support NTP protocol to synchronize RAID controller clock over the on-board Ethernet port.

MatriVideo™ Serial Attached SCSI Direct Attached Storage (SAS DAS) is a high-performance storage solution for videosurveillance. It has outstanding performance with the latest technology SAS 2.0 (SAS 6G) for the interconnection of storage interface. To maximized data security - this world-class external storage features Advanced Data Guarding technology (RAID ADG).

This storage device is developed to provide an user-friendly experience - including easy installation and upgrade. Additional maintenance has been simplified to reduce IT labor.

Menu-driven interface make user a convenient way to maintain the storage by locally LCD front console.

Besides high performance, user-friendliness and exceptional manageability - MatriVideo™ Serial Attached SCSI (SAS) Storage - saves power by adopting the new MAID (Massive Arrays of Idle Disks) technology.



MATRIVIDEO

A complete system to provide high resolution, long term digital video storage and IP based CCTV solution on a scalable and reliable platform MatriVideo™ is a complete solution for digital video surveillance. It is a platform that incorporates the legacy analog CCTV system and new IP-based digital surveillance system with a hybrid configuration, distributed enterprise architecture and centralized management.

MatriVideo™ is an open platform that adopts the latest IT technology yet provides easy installation and configuration for security professionals. It is designed with flexibility and scalability for enterprise video management. MatriVideo™ answers the need for larger storage capacity, networkable components, smarter image searching and playback, high image resolution and easier camera relocation. It provides a total solution that meets the emerging and diverse demands of the security industry.

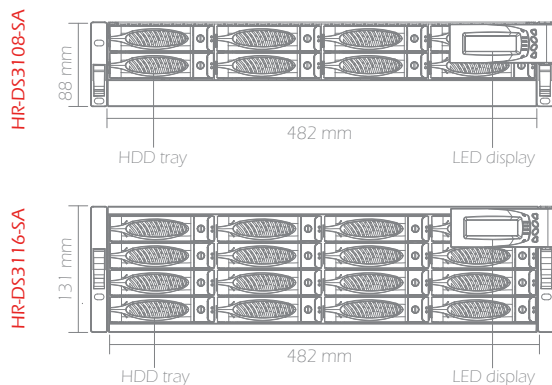
Contact:
sales@instekdigital.com

Specifications

Model	HR-DS3108-SA	HR-DS3116-SA
Function	SAS (serial attached scsi) external storage device	
Form factor	2U rack-mountable	3U rack-mountable
RAID level	0, 1, 10 (1E), 3, 5, 6, 30, 50, 60, JBOD	
Disk bus interface	6Gb/s SAS / 6Gb/s SATA	
Host interface	1 x 6Gb/s SAS (SFF-8088) (configurable)	2 x 6Gb/s SAS(SFF-8088) (configurable)
SAS expansion	1 x 6Gb/s SAS (SFF-8088) (configurable)	2 x 6Gb/s SAS(SFF-8088) (configurable)
Direct Attached	8 HDDs	16 HDDs
Hot Spare		Yes
Password protection		Yes
Audible alarm		Yes
Failed drive indicators		Yes
Failed drive auto rebuild		Yes
Online consistency check		Yes
Online expansion		Yes
Array roaming		Yes
Online RAID level / stripe size migration		Yes
Instant availability and background initialization		Yes
Environment monitor		Yes
Auto spare support		Yes
Bad block auto-remapping		Yes
Remote management		Yes
MAID (2.0) support		Yes
Electric power source	90V ~ 264V	
Power output	2 x 400W	
Operating temperature	10°C ~ 40°C	
Humidity	10% ~ 85% non-condensing	
Dimension (mm)	500(L) x 482(W) x 88(H) mm (w/o box)	590(L) x 482(W) x 131(H) mm (w/o box)
Weight (kg)	12.4 (w/o box)	24.0 (w/o box)

a) Product specifications and availability are subject to change without notice.
 b) MatrixVideo is a registered trademark of Instek Digital Co., Ltd. All other trademarks are property of their respective owners.

Front View



Rear View

