

DAS-303



External mass storage device with RAID 5 technology

- The DAS-303 is a powerful external FC-SATA storage system for connection to recorders of the DMS/DLS series. Thanks to its redundant, modular design with hot-swappable components, its innovative storage management software and a flexible interface support with highly reliable storage devices it offers a high performance security solution with highest scalability and functionality.

Its two U housing can contain max. 12 SATA hard disks in lockable slide-in units. They can be configured for redundant recording with the integrated graphical user interface (LAN/Browser). Features:

- The system is ready for operation incl. particularly suited and Dallmeier approved and authorised hard disks
- Can be equipped with up to 4 expansion housings with a total maximum number of 60 hard drives, expansion via SAS
- Standard RAID level 5 (RAID level 0, 1, 10 and 50 upon request)
- Gross capacity (for 750 GB hard disk): 9 TB (net: 7.5 TB)
- Installed RAID controller supports RAID level 0, 1, 5, 10, 50
- Installed FC controller for external connection
- 2/4 GBit FC interface
- Hot-spare function and automatic rebuild
- Hot-plug function: hard disks, power supply units and fans can be exchanged during operation
- Alarm function via PGuard on hard disk, fan and power supply unit failure
- Management and alarm via installed LAN interface possible
- Requirements:
 - 1.) Software version from 5.3.4 (for wavelet recorders) and 6.0.9 (for hybrid recorders)
 - 2.) Air-conditioned dust-free environment, server environment is ideal

Options:

- DAS-300 E expansion housing
- StorView Global Manager (service and maintenance messages via e-mail or SNMP alert)

Item numbers

- 180.303.2 (connection to 2 recorders)

DAS-303

Technical specifications

| | |
|-------------------------------|---|
| Compatible hosts | DMS 80/ DMS 160/ DMS240/ DMS240 HSR DMS240 IPS/ PVS IV/ PVS IV PLUS/ DIS-16 VD |
| Max. Number of hosts | 2x |
| Gross storage capacity | 9 TB |
| Type of the HDD units | 3,5" SATA |
| Max. nr. of HDD units | 12x |
| Storage capacity per HDD unit | 250GB/ 500GB/ 750GB |
| Extension | Max. 4x DAS-300 E |

Functions

| | |
|------------------------------|-------------------------------|
| Management Software | StorView, StorView Global |
| Compatible operating systems | LINUX, Windows 2000/ XP/ 2003 |
| RAID controller | Max. 2x |
| RAID Levels | 0/ 1/ 5/ 10/ 50 |
| RAID Controller Hot-plug | - |
| Power supply Hot-plug | Yes (redundant) |
| HDDs Hot-plug | Yes |
| Ventilator Hot-plug | Yes (redundant) |

Further specifications

| | |
|-------------------|---|
| Interfaces | 1x RJ45, 10/100/1000 Mbit 1 x 3Gb/s SAS out 2 x 4Gb/s Fibre Channel |
| Suitable for 19 | Ja |
| Voltage supply | 100 - 240 V AC (50/60 Hz), 5,0 A max. |
| USV | Yes (RAID Cache) |
| Power consumption | Max. 250 W |
| Heat power | 1211 BTU/h (12 HDD) |
| Temperature | 5 °C - 40 °C (41°F - 104 °F) |
| Humidity | 10 % - 80 % (non condensing) |
| Dimensions | W 443,7 x H 87,9 x D 550 mm |
| Weight | Approx. 18 Kg (with 12 HDD) |
| Certifications | CCC, BSMI, CE, UL, cUL, RoHS (R5), Microsoft WHQL, Microsoft RAID System Submission - w/MPIO (Single Host) |