

DAS-300



External mass storage device with RAID 5 technology

Features

- External highend FC-SATA storage system for connection to up to 4 recorders of the DMS/DLS series for increased storage capacity
- Max. of 12 hard disks can be used (250 GB, 500 GB, 750 GB)
- The chassis is only offered populated with hard drives
- 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 5.3.3 (for wavelet recorders) and 6.0.5 (for H.264 recorders)
 - 2.) Air-conditioned dust-free environment, server environment is ideal

Options

- Additional controller (for the connection of up to 4 recorders)
- DallStor DAS-300 E expansion housing
- StorView Global Manager (service and maintenance messages via e-mail or SNMP alert)

Item numbers

- 180.302

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General Information

Compatible Recorders	Wavelet (generation 3), H.264 (generation 1), PVS IV
Interfaces	2 x 4Gb/s Fibre Channel 1 * EthernetLAN RJ45 (Management) 1 * SAS 3 Gb/s 1 x RS232
Max. number of hosts (recorder)	max. 4
Max. storage capacity per unit	9TB
Max. storage capacity per expansion unit	36TB
Total storage capacity	45TB
Number of expansion units	max. 4

HDD Specification

Type	3,5 "
Capacity	As ordered (250GB/500GB/750GB)
Number	max. 12
Interface	SATA-I, SATA-II (3GB/s) +NCQ

RAID Controller

Number	max. 2
Levels	0,1, 5, 10, 50

System Management

Software	StorView, StorView Global
Interfaces	Ethernet
Compatible operating systems	Linux, Windows 2000, Windows XP, Windows 2003

Hot-Plug

RAID Controller	no
Power packs	yes (redundant)
HDDs	yes
Fans	yes (redundant)

Further Specifications

Power supply (incl. permissible tolerance)	100 - 240 V AC (50/60 Hz), 5.0 A max.
UPS (battery)	yes (Raid Cache)
Power consumption	250 W
Heating power	1211 BTU/h (12 HDD)
Dimensions	H 87,9 x W 443,7 x D 550 mm
Temperature	5 ° - 40 °C (41 ° - 104 °F)
Humidity	10 % - 80 % (non condensing)
Weight	Approx. 18 kg (with HDDS)
Approvals / Certifications	CCC, BSMI, CE, UL, cUL, RoHS (R5), Microsoft WHQL Microsoft RAID System Submission - w/MPIO (Single Host)
Warranty	24 months