DAS-600
External mass storage device with RAID 6 technology

The DAS-600 is a powerful external FC-SATA storage system for connection to recorders of the DMS 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 2HU housing can contain max. 12 SATA HDDs in lockable slide-in units. They can be configured for redundant recording with the integrated graphical
user interface (web browser).

- The system is ready for operation incl. particularly suited and Dallmeier approved and authorised HDDs
- Can be equipped with up to 4 expansion housings with a total maximum number of 60 hard drives, expansion via SAS-Expander
- Standard RAID level 6 (RAID level 0, 1, 5, 10 and 50 upon request)
- Gross capacity (for 2 TB HDD): 24 TB (net: 18 TB)
- Installed RAID controller supports RAID level 0, 1, 5, 6, 10, 50
- Installed FC controller for external connection

- Up to 2x 4 GB/s FC interface
- Hot-spare functionality and automatic rebuild
- Hot-plug functionality: HDDs, 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 Ethernet interface possible
- Requirements: 1.) Software version from 6.0.9 (for hybrid recorders) / 2.) Air-conditioned dust-free environment, server environment is ideal

Variants	
Item number	
000225.407	**DAS-600 12000** **with 6x 2 TB HDDs (RAID 5)** **Net storage capacity: approx. 8 TB**
000225.408	**DAS-600 12000** **with 6x 2 TB HDDs (RAID 6)** **Net storage capacity: approx. 6 TB**
000225.409	**DAS-600 18000** **with 9x 2 TB HDDs (RAID 5)** **Net storage capacity: approx. 14 TB**
000225.410	**DAS-600 18000** **with 9x 2 TB HDDs (RAID 6)** **Net storage capacity: approx. 12 TB**
000225.411	**DAS-600 24000** **with 12x 2 TB HDDs (RAID 5)** **Net storage capacity: approx. 20 TB**
000225.412	**DAS-600 24000** **with 12x 2 TB HDDs (RAID 6)** **Net storage capacity: approx. 18 TB**

Options	
Item number	
001330	**FC cable for DAS storage expansion**
001348	**HDD incl. removable tray, 1000 GB (DAS-303 / 600)**
001349	**HDD incl. removable tray, 2000 GB (DAS-600)**

DAS-600
External mass storage device with RAID 6 technology

Technical specifications

Compatible hosts	DMS 80/160/240/240 HSR/240 IPS
	PVS IV Plus
	SeMSy® S-PC Plus
	SeMSy® Pro II Backup Server Plus

Specifications

Max. Number of hosts	Max. 2x
Gross storage capacity	Up to 24 TB
Type of the HDD units	3,5" SATA
Max. nr. of HDD units	Max. 12x
Storage capacity per HDD unit	Up to 2 TB
Extension	Max. 4x DAS-600 E

Integrated functions

Management Software	StorView Standard
	StorView Global (optional)
Compatible operating systems	LINUX, Windows 2000/ XP/ 2003/7
RAID controller	Max. 2x
RAID Levels	0/ 1/ 5/ 6/ 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 Mbps
	1 x 3Gb/s SAS out
	2 x 4Gb/s Fibre Channel
Applicability	In a 19" rack
Voltage supply	100/240V AC +/-10% (50/60 Hz), max. 5A
USV	Yes (RAID Cache)
Power consumption	Max. 250 W
Heat power	Max. 1211 BTU/h (with 12x HDDs)
Operating temperature	5 ° - 40 °C (41° - 104 °F)
Humidity	10 - 80% RH non condensing
Dimensions (W x H x D)	Approx. 444 x 88 (2HU) x 550 mm
Weight	Approx. 18 kg (incl. 12x HDDs)
Approvals/certifications	CCC, BSMI, CE, UL, cUL, RoHS (R5), Microsoft WHQL,
	Microsoft RAID System Submission - w/MPIO (Single Host)

The DAS-600 is a powerful external FC-SATA storage system for connection to recorders of the DMS series.
Thanks to its redundant, modular design with hot-swappable components, its innovative storage management software and a flexibl