



## Hard Disk Recorder with RAID System

RAID8 2000  
RAID8 3000

### SISTORE RAID

V1.0

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- External RAID system for storage of video data, as an addition to SISTORE AX, MX and CX
  - 8, 12 or 16 hard disks with 250 GB or 500 GB each, with S-ATA-II interface
  - IBM Power PC RISC architecture ensures high performance
  - Two SCSI connectors allow the RAID to be used simultaneously with two SISTORE DVR (Digital Video Recorder) systems in separate areas
  - Hot-swappable drive trays
  - Supported RAID levels: 0, 1, 0+1, 5, 10, 50, JBOD
  - Hot-swappable and redundant cooling and power supply
  - Management software for centralized, browser-based administration
  - LC display for easy setup and configuration
  - Fast Ethernet interface for remote management and UPDS monitoring

SISTORE RAID is the ideal solution wherever high video storage capacity and data protection are required. It is suitable for a wide range of applications in conjunction with the other products of the SISTORE family, it is easy to configure and requires little maintenance. The delivery includes the requisite SCSI cables, 19" mounting rails, as well as the RAID Management Software and product documentation on CD.

## Technical data

**RAID8 2000 or 3000**



**RAID12  
(project-specific)**



**RAID16  
(project-specific)**



Storage capacity	2 – 3 TB (gross capacity)	≥3 TB (gross capacity)	>3 TB (gross capacity)
Number of hard disk drives	8	12	16
Data bus	8 x S-ATA II, 300 MB/s	12 x S-ATA II, 300 MB/s	16 x S-ATA II, 300 MB/s
Hard disk capacity	250 GB or 500 GB		
RAID levels	0, 1, 0+1, 5, 10, 50, JBOD		
Processor type	IBM Power PC 750Cxr, 400 MHz RISC CPU, 256 KB L2 Cache		
Main memory	DDR2-SDRAM, 400 MHz, registered, ECC, 512 MB		
Bandwidth	hard disk channel: 3 Gbit/s; host channel: 320 Mbit/s		
SCSI ports	2 x Ultra 320 SCSI, VHDCI, auto-terminating interface to SISTORE AX, MX and CX		
Network connection	1 x RJ45 Fast Ethernet 10/100 Base-T		
Serial port	1 x RS232C for local management		
Power supply units	2 integrated modules, hot-swappable and redundant		
Cooling system	2 fan modules with one fan each, hot-swappable and redundant automatic speed control of fans depending on temperature conditions		
Hot swapping	global-spare drives and hot-spare hard drives automatic restoration in the background with configurable priority levels		
LCD monitor	setup, status information and configuration		
Operating system	independent of operating system		
Battery	1 x lithium-ion battery, hot-swappable, running time: up to 72 hours		
Power supply	appliance inlet		
Rack mounting	19" rack (2 rack units)	19" rack (2 rack units)	19" rack (3 rack units)
Relative humidity	5 – 95%		
Operating temperature	0 – 40 °C		
Storage temperature	-40 to + 60 °C		
Power requirements	115 V / approx. 6.0 A or 240 V / approx. 3.0 A, 47 – 63 Hz		
Power consumption	350 W		
Dimensions (H x W x D)			
without handle	88 x 446 x 490 mm	88 x 446 x 490 mm	130 x 445 x 483 mm
with handle	88 x 482 x 505 mm	88 x 482 x 505 mm	131 x 483 x 505 mm

## Details for ordering

Type	Order No.	Designation	Weight
RAID8 2000	S24245-B5108-A1	2 TB RAID system	34.8 kg
RAID8 3000	S24245-B5108-A2	3 TB RAID system	38.4 kg
RAID12 and RAID16 (project-specific)		>3 TB RAID system (project-specific)	42.0 kg