# DAS-110/210

## External mass storage devices with RAID technology for increased storage capacity

- External StorageChassis for connection to the recorders of the DMS/DLS series
- Max. of 16 IDE hard disks can be used (160 GB, 250 GB, 300 GB, 400 GB)
- Single host (DAS-110) cascadable with up to 4 DAS systems
- Dual host (DAS-210) operating with 2 recorders
- Gross capacity (for 400 GB hard disk): 6.4 TB (net: 5.6 TB)
- Installed IDE-Raid controller supports Raid levels 0, 1, 0+1, 3, 5, 10, 30, 50
- Installed IDE-SCSI controller for external connection
- LVD-SCSI 320 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
- Requirements in the recorder:
  1.) Software version from V 5.3.1 or higher
  2.) DAS Storage Package in each connected recorder

## Options

- LAN Port for network connection

## Item numbers

- DAS-100: 180.201
- DAS-200: 180.301



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# DAS-110/210

## Specifications

| | |
|---|---|
| Power supply | 2x 460 W redundant |
| Hardware monitoring | Power supply unit, fan failure, temperature control |
| Requirements in the recorder | SCSI controller, software from version 5.3.1 |

## Hard disks

| | |
|---|---|
| Type | 3.5" low-profile PATA |
| Storage capacity | 160, 250, 400 GB |
| Memory expansion | Max. 16 disks, up to 4 units |

## Interfaces

| | |
|---|---|
| Serial | RS232 |
| SCSI | 2x LVD |

## Options

| | |
|---|---|
| Mounting kit 1 | Siderails included |

## Other hardware details

| | |
|---|---|
| Features | Raid level 1, 5; online rebuild, hot-plug, hot-spare |
| Mains voltage (incl. permittable tolerance) | 110-220 V |
| Power consumption | With 16 hard disks appr. 250 W |
| Dimensions | W 483 x H 131 x D 575 mm |
| Operating temperature | 0°- 35° C |
| Humidity | 10% up to 60% (not condensing) |
| Weight | Appr. 31.5 kg (without HDDs) |

## Accessories

| | |
|---|---|
| Accessories | SCSI cable*, hot-spare disk*, serial connection to the recorder<br>(* optional) |



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