

## DMS 160

In Memory of  
*Leonard*



### 16 channel hybrid recorder

- The DMS 160 is a stand-alone hybrid audio and video recorder with up to 24 channels. The basic version with 16 analogue channels can be adapted for use with 8 IP based channels with an activation code.

#### Features:

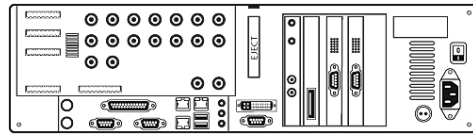
- Analogue and IP based video inputs
- Hybrid recording: H.264, MPEG-2/-4
- Audio compression G.722
- Bit rate up to 1.5 Mbps (analogue cameras)/4 Mbps (IP cameras)
- Resolution up to 4CIF with analogue cameras, up to D1 with IP cameras
- Frame rate per channel up to 12.5 fps at CIF and up to 25 fps at D1
- Memory capacity min. 250 GB
- Easy-Change functionality in case of HDD failure (no hot-plug, no hot-swap)
- Simultaneous real-time recording and playback for all channels
- Evaluation with SeMSy® or PView via LAN
- SmartFinder and privacy zones for analogue cameras
- Motion Detection for analogue and Dallmeier IP cameras
- UTC compatible
- 12V output for storage system DAS-4 Eco
- Linux operating system on flash drive

### Options

- Additional analogue and IP based camera inputs
- Larger hard disk drives
- Internal RAID 1 (2 HDDs required)
- DVI video output
- Storage expansion system DAS-4 Eco/DAS-303
- Slimline DVD-RW drive
- Bidirectional audio (intercom)
- SEDOR® sabotage protection for analogue cameras
- PRemote advance

### Item number

- 160.000



## DMS 160

### Format

Max. storage capacity	16x analogues and 8x IP (via activation code)
Supported cameras	Analogue cameras of Dallmeier and of third party, incl. Megapixel cameras
Video compression	H.264, MPEG-2 MP@ML, MPEG-4 ISO/IEC 14496, MJPEG
Audio compression	G.722.1, MPEG-1 Layer 2
Operating mode	Triplex: Recording, streaming, live-viewing/play-back
Split Display	1, 4, 9, 13, 16, 25
Resolution	4CIF, DCIF, 2CIF, CIF, QCIF (analogue) D1, 4CIF, Half D1, 2CIF, CIF, QCIF (IP)

### Frame rate

Per analogue camera	Up to 4 fps at 4CIF, DCIF Up to 5 fps at 2CIF Up to 12.5 fps at CIF Up to 25 fps at QCIF
Per IP camera	6.25 / 12.5 / 25 fps at D1, 4CIF, Half D1, 2CIF, CIF, QCIF

### Bit rate per channel

With up to 16 analogue channels	Up to 1.5 Mbps
With up to 8 IP channels	Up to 4 Mbps

### Interfaces

#### Video IN/OUT

Camera inputs	16x CVBS / BNC, with loop-through
Video outputs	4x CVBS / BNC, 1x VGA, 1x DVI-I (optional)

#### Audio IN/OUT

Aux/Line IN (Mainboard)	1x 3.5 mm phone jack
Mic IN (Mainboard)	1x 3.5 mm phone jack
Audio IN (Encoder card)	16x Cinch
Audio OUT (Mainboard)	1x 3.5 mm phone jack

#### Further interfaces

Ethernet	1x RJ45, 10/100/1000 Mbit
Contact IN	22x, each 4 functions
Relay OUT	5x, as NO or NC
Serial	2x RS232
Parallel	1x IEEE 1284
USB	2x USB 2.0 Type A
SATA OUT (optional)	SATA2, 3 GB/s
PS/2	Mouse, keyboard

### Other hardware details

Exchangeable hard disks	Up to 2 x 3,5" over SATA2 interface
Voltage supply	110 / 230 V AC +/- 10%, 50/60 Hz
Video standard	PAL / NTSC
Power consumption	Max. 150 W
Heat power	Max. 444 BTU/h
Dimensions W x H x D	425 x 133 x 445 mm
Temperature	5° - 40° C, 20° - 25° C recommended
Humidity	5 - 70% (not condensing)
Atmospheric load	Dust-free
Weight	10 - 12 kg
Ventilator	3x with automatic speed adaptation
Voltage OUT	2-pin ODU socket, 12 V DC
Operating system	Linux
Languages	German, English, French, Spanish (others on request)
Approvals/certifications	CE, FCC, ACA, Kalagate, DIN EN 50130-4