Dallmeier

DMS 80

8 channel hybrid recorder

- The DMS 80 is a stand-alone hybrid audio and video recorder with up to 24 channels. The basic version with 8 analogue channels can be adapted for use with 8/16 IP based channels with an activation code.
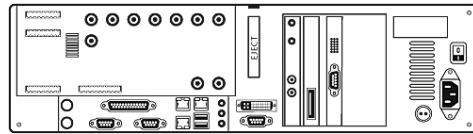
  Features:
- Analogue and IP based video inputs
- Hybrid recording: H.264, MPEG-2/-4
- Audio compression G.722
- Bit rate up to 1.5 Mbps (analogue cameras)/4 Mbps (IP cameras)
- Resolution up to 4CIF for analogue cameras, up to D1 for IP cameras
- Frame rate per channel up to 12.5 fps at CIF and up to 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
- 080.000

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Format

Max. camera inputs	8x analogues and 16x 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 channel	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 channel	6.25 / 12.5 / 25 fps at D1, 4CIF, Half D1, 2CIF, CIF, QCIF

Bit rate per channel

With up to 8 analogue channels	Up to 1.5 Mbps
With up to 8 IP channels	Up to 4 Mbps
With up to 16 IP channels	Up to 3 Mbps

Interfaces

Video IN/OUT

Camera inputs	8x 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)	8x Cinch
Audio OUT (Mainboard)	1x 3.5 mm phone jack

Further interfaces

Ethernet	1x RJ45, 10/100/1000 Mbps
Contact IN	14x, each 4 functions
Relay OUT	5x, configurable as NO or NC
Serial	2x RS232
Parallel	1x IEEE 1284
USB	3x USB 2.0 Type A
SATA OUT (optional)	SATA2, 3 GB/s
PS/2	Mouse, keyboard

Further Specifications

Exchangeable hard disks	Up to 2x 3.5" over SATA2 interface
Voltage supply	110 / 230 V AC +/- 10%, 50/60 Hz
Power consumption	Max. 150 W
Heat power	Max. 512 BTU/h
Dimensions W x H x D	425 x 133 x 445 mm
Temperature	5° - 40° C, 20° to 25° C recommended
Humidity	5 - 70% (not condensing)
Atmospheric load	Dust-free
Weight	10 - 12 kg
Fan	3x with automatic speed adaptation
Voltage OUT	2-pin, 12 V DC
Operating system	Linux
Languages	German, English, French, Spanish (others on request)
Approvals/certifications	CE, FCC, ACA, Kalagate, DIN EN 50130-4