Dallmeier

DMS 240 HSR

24 channel hybrid recorder

- The DMS 240 HSR is a stand-alone hybrid audio and video recorder with up to 24 channels. The basic version with 8 analogue channels can be expanded by 8/16 analogue channels or activated with 8/16 IP-based channels. Furthermore, the DMS 240 HSR (High Speed, High Resolution) is optimised for recording high frame rates and high resolution.
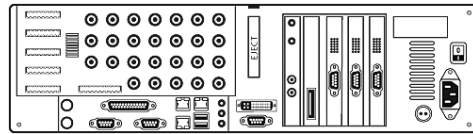
  Features:
- Analogue and IP based video inputs
- Hybrid recording: H.264, MPEG-2/-4
- Audio compression G.722
- Bit rate up to 2 Mbps (analogue cameras)/4 Mbps (IP cameras)
- Resolution up to 4CIF with analogue cameras, up to D1 with IP cameras
- Frame per channel up to 25 fps at 4CIF and up to 25 fps at D1
- Recording with high frame rates and high resolution (25 fps and 4CIF)
- 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 camera
- SEDOR® sabotage protection for analogue 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)
- PRemote advance

Item number
- 240.000.HSR

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Format

Max. camera inputs	24x analogues and 16x IP (via activation code)
Supported cameras	Analogue and IP 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 dispaly	1, 4, 9, 13, 16, 25

Resolution

Per analogue channel	4CIF, DCIF, 2CIF, CIF, QCIF
Per IP channel	D1, 4CIF, Half D1, 2CIF, CIF, QCIF

Frame rate

Per analogue channel	Up to 25 fps at 4CIF, DCIF, 2CIF, CIF, 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 24 analogue channels	Up to 2 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	24x CVBS/BNC, with loop-through
Video outputs	4x CVBS/BNC, 1x VGA, 1x DVI-I (option)

Audio IN / OUT

Aux / Line IN	1x 3.5 mm phone jack
Mic IN	1x 3.5 mm phone jack
Audio-IN	24x Cinch
Audio-OUT	1x 3.5 mm phone jack

Further interfaces

Ethernet	1x RJ45, 10/100/1000 Mbps
Contact IN	30x, 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
Video standard	PAL / NTSC
Voltage supply	110/230 V AC +/-10%, 50/60 Hz
Power consumption	Max. 130 W
Heat power	Max. 444 BTU/h
Dimensions W x H x D	425 x 133 x 445 mm
Temperature	5° up to 40° C, 20° to 25° C recommended
Humidity	5 up to 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