DMS 240 IPS

24 digital channel server

- The DMS 240 IP server is a stand-alone audio and video recorder with up to 24 IP based channels. The basic version with 8 IP based channels can be adapted for use with 8/16 IP based channels.
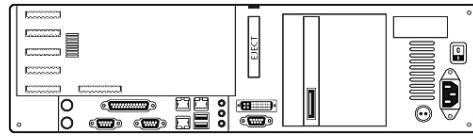
  Features:
- IP based video input
- Bit rate up to 4 Mbps
- Resolution up to D1
- Frame rate up to 25 fps per channel
- Memory capacity min. 250 GB
- Easy-Change functionality in case of HDD failure (no hot-plug, no hot-swap)
- Simultaneous real-time recording and playback for all channels
- Cooperation and Remote Control via SeMSy® or PView via LAN
- Motion detection for Dallmeier IP cameras
- 12V output for storage system DAS-4 Eco
- Linux operating system on flash drive

Options:
- Further IP based camera inputs up to 24x
- 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

Item number
- 240.000.IPS

DMS 240 IPS

Format

Max. camera inputs	24x IP cameras
Supported cameras	IP cameras of Dallmeier and of third party, incl. Megapixel cameras
Video compression	MPEG-2 MP@ML, MPEG-4 ISO/IEC 14496, MJPEG
Audio compression	MPEG-1 Layer 2
Operating mode	Duplex: recording, streaming
Split dispaly	1, 4, 9, 13, 16, 25 (only via PView)

Resolution

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

Frame rate

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 IP channels	Up to 4 Mbps
With up to 16 IP channels	Up to 3 Mbps
With up to 24 IP channels	Up to 2 Mbps

Interfaces

Video IN / OUT

Video outputs	1x VGA, 1x DVI-I (optional)

Audio IN / OUT

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

Further interfaces

Ethernet	1x RJ45, 10/100/1000 Mbps
Contact IN	30x, 4 functions each
Relay OUT	5x, as NO or NC configurable
Serial	2x RS232
Parallel	1x IEEE 1284
USB	3x USB 2.0 Typ 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
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° - 40° C, 20° - 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