M-DMS 4

4-channel wavelet recorder

Features

- Hard disk recorder with 4 camera inputs
- Standard version with 160 GB hard disk
- With self-learning event detector (SEDOR®) for efficient camera sabotage protection
- Wavelet compression in 5 stages
- Real-time recording
- Integral motion detection
- Multi-picture display on VGA via SCD-25 single control display
- High resolution of 720x576 pixels in full picture mode
- PDA-ready
- Recording speed in multiplex operation 25 fields/sec. (PAL)
- Picture export via 2x USB 1.1
- LAN Ethernet interface is included and activated
- Integral SmartFinder for convenient picture search within the recording
- Integral Kalagate compliant picture presentation and export software (ProcessViewer)
- Operating system: Linux

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Specifications

Picture memory

Resolution	720 (H) x 288/576 (V) / CCIR/PAL; 640 (H) x 240/480 (V) / EIA/NTSC
Video standard	CCIR/PAL; EIA/NTSC
Compression	Wavelet, 4:2:2
Picture memory	Full frame/half frame mode

Multiplexer

Camera inputs	4x CVBS
Monitor outputs CVBS	1x CVBS
Monitor outputs VGA	1x VGA

Other specifications

Memory format	Up to 3,000 ring buffers, 3 free configurable longplay tracks
Recording	Controlled via contact, motion detection, permanent, calender function, RS232, adjustable per camera
Recording speed	25 fields/sec. (PAL) in multiplex operation
Playback	PAL: 50 fields/sec, NTSC: 60 fields/sec
Password protection	Individual passwords on 4 levels protect against unauthorized access
Logbook function	Documentation of all failure alerts, password inquiries and other security aspects
Search criteria	Date, time, camera number, event, quick search, SmartFinder (picture search within recording), individual adjustment possible (condition for data flash: optional DNI), individual customer data
Languages	German, English, French, Spanish (others on request)
Storage capacity	160 GB 3.5"

Interfaces

LAN	Yes
Contact IN	Yes
Contact OUT	Yes
Serial	Yes
Parallel	Yes
USB	USB 1.1
VGA	Yes
Firewire IEEE1393	Yes

Options

ISDN	64/128 Kbit only via ISDN router
WLAN	Access only via router
DFM-1	Radio controlled clock module (DCF-77)
DNI	Yes
Mounting kit 1	19" installation frame
Mounting kit 2	Universal bracket (Wall bracket)
Mounting kit 3	19" installation frame for 2 devices

Other hardware details

Mains voltage (incl. permittable tolerance)	12V DC +/-5%
Dimensions	L 222 x H 88 x W 285 mm (incl. BNC jacks) with housing feet H 100 mm
Temperature	+5° C up to +40° C
Weight	Appr. 2-4kg, without internal HDD expansion
Operating system	Linux
Approvals/certifications	CE; C-Tick; FCC; MABISZ; network approvals according to IZB/DVS/FIDUCIA
Warranty	24 months

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