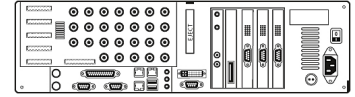# DMS 240 Bank

The DMS 240 Bank is a stand-alone H.264 audio and video recorder with up to 24 analogue channels. The basic version with 8 analogue channels can be expanded by 8 or 16 analogue channels respectively.

Furthermore, the DMS 240 Bank is optimised for use in banks due to its special system parameters and certifications.

- Up to 24 analogue video channels
- PentaplexPlus functionality: Simultaneous real-time recording, streaming, live display, playback and remote access
- H.264 video compression and G.722 audio compression
- Bit rate up to 2 Mbps
- Resolution up to 4CIF
- Frame rate per channel up to 25 fps at CIF
- Evaluation with SeMSy® or PView via Ethernet

- Integrated SmartFinder, privacy zones, motion detection and SEDOR® camera sabotage protection
- Live browser access and integrated UTC compatibility
- Integrated ATM activity survey
- Easy-Change functionality in case of HDD failure
- Linux operating system on Flash memory
- UVV-Kassen certified and DIN EN 50130-4 compliant

Variants	
Item number	
240.001.000.008	DMS 240 Bank without HDDs 8x analogue video channels
240.001.000.016	DMS 240 Bank without HDDs 16x analogue video channels
240.001.000.024	DMS 240 Bank without HDDs 24x analogue video channels
240.001.025.108	DMS 240 Bank with 1x 250 GB HDD 8x analogue video channels
240.001.025.116	DMS 240 Bank with 1x 250 GB HDD 16x analogue video channels
240.001.025.124	DMS 240 Bank with 1x 250 GB HDD 24x analogue video channels
240.001.050.108	DMS 240 Bank with 1x 500 GB HDD 8x analogue video channels
240.001.050.116	DMS 240 Bank with 1x 500 GB HDD 16x analogue video channels
240.001.050.124	DMS 240 Bank with 1x 500 GB HDD 24x analogue video channels
240.001.050.208	DMS 240 Bank with 2x 250 GB HDDs 8x analogue video channels
240.001.050.216	DMS 240 Bank with 2x 250 GB HDDs 16x analogue video channels
240.001.050.224	DMS 240 Bank with 2x 250 GB HDDs 24x analogue video channels
240.001.075.108	DMS 240 Bank with 1x 750 GB HDD 8x analogue video channels
240.001.075.116	DMS 240 Bank with 1x 750 GB HDD 16x analogue video channels
240.001.075.124	DMS 240 Bank with 1x 750 GB HDD 24x analogue video channels
240.001.100.108	DMS 240 Bank with 1x 1000 GB HDD 8x analogue video channels
240.001.100.116	DMS 240 Bank with 1x 1000 GB HDD 16x analogue video channels
240.001.100.124	DMS 240 Bank with 1x 1000 GB HDD 24x analogue video channels
240.001.100.208	DMS 240 Bank with 2x 500 GB HDDs 8x analogue video channels
240.001.100.216	DMS 240 Bank with 2x 500 GB HDDs 16x analogue video channels
240.001.100.224	DMS 240 Bank with 2x 500 GB HDDs 24x analogue video channels
240.001.150.208	DMS 240 Bank with 2x 750 GB HDDs 8x analogue video channels
240.001.150.216	DMS 240 Bank with 2x 750 GB HDDs 16x analogue video channels
240.001.150.224	DMS 240 Bank with 2x 750 GB HDDs 24x analogue video channels
240.001.200.208	DMS 240 Bank with 2x 1000 GB HDDs 8x analogue video channels
240.001.200.216	DMS 240 Bank with 2x 1000 GB HDDs 16x analogue video channels
240.001.200.224	DMS 240 Bank with 2x 1000 GB HDDs 24x analogue video channels

Options	
Item number	
000.194	19" bracket, for a 3HU single device
180.900	VdS installation kit, incl. mounting kit and protective cover for the connections
200.128FS	Internal RAID 1, 2x HDDs with the same capacity required (only ex factory)
200.337	Filter pad, 3HU (5 pieces)
010.240	DVI digital output
200.210.1	RS485 kit, for the direct control of Dallmeier PTZ dome cameras at the recorder, -DCCP activation included-
702.043	Slimline DVD+RW drive
124.002.01	TA-24 MS multi screen, for using CVBS monitors incl. split switching
129.303	VSC-1 (Video System Controller), for the control of analogue cameras at the recorder
200.325	DFM-1-USB radio clock unit, Radio clock unit on USB (up software version: V5.1.X)
240.100.0250	VdS kit 250, incl. 2x 250 GB HDDs, RAID 1, VdS installation kit
240.100.0500	VdS kit 500, incl. 2x 500 GB HDDs, RAID 1, VdS installation kit
240.100.0750	VdS kit 750, incl. 2x 750 GB HDDs, RAID 1, VdS installation kit
240.100.1000	VdS kit 1000, incl. 2x 1000 GB HDDs, RAID 1, VdS installation kit
240.100.0160	VdS kit 160, incl. 2x 160 GB HDDs, RAID 1, VdS installation kit
100.034	DNI-1 basis set, for the connection of an external data interface (such as ATM, access control, cash register, etc.)
100.035	DNI-1/E expansion module
100.050	DNI-TA24, for connecting the TA-24 MS keyboard
100.039	Power supply unit for DNI interfaces and TA-24

Activations	
Item number	
100.102.FS	D/N-RC - Day/Night Remote Control
200.034	PGuard light
200.117FS	PRemote PDA, PRemote advance required
200.118FS	PView / PRemote live split recording
200.119FS	Voice Talk - bidirectional audio, PRemote advance required
200.120FS	Dual Stream
200.122FS	PRemote advance
200.124FS	Weather server
200.130	SNMP (SI-package SYS-Watch)
200.202FS.4	DVR4 EBÜS standard image transmission
200.234FS	VNC server

DMS 240 Bank

Technical specifications

Max. video channels	24x analogue cameras
Supported cameras	Analogue cameras of Dallmeier and of third party
Operating mode	PentaplexPlus: recording, streaming, live display, playback, remote access
Split display	1, 4, 9, 16, 25
Video/audio compression	H.264 / G.722.1
Resolution	4CIF, DCIF, 2CIF, CIF, QCIF
Recording mode	Permanent, motion, contact, timer
Max. frame rate	Up to 600 fps
Frame rate per canal	Up to 12 fps at 4CIF
	Up to 16 fps at DCIF, 2CIF
	Up to 25 at CIF, QCIF
Bit rate per channel	Up to 2 Mbps

Integrated / optional functions

Management software	PView Light
Configuration software	DMS NetConfig
UTC compatibility	Integrated
Privacy Zones	Integrated
Motion detection	Integrated
SmartFinder	Integrated
Suspicion track (Verdachtspur)	Integrated
SEDOR	Integrated
Track modes	Standard
ATM activity survey	Integrated
Audio for all channels	Integrated

Interfaces

Camera inputs	24x CVBS / BNC, with loop-through
Video outputs	4x CVBS / BNC, 1x VGA, 1x DVI-I (optional)
Audio IN -encoder card-	24x on D-SuB
Aux-Line IN/Mic IN/Audio OUT (Mainboard)	1x 3,5 mm conector Jack / 1x 3,5 mm conector Jack / 1x 3,5 mm conector Jack
Ethernet	1x RJ45, 10/100/1000 Mbps
Ethernet protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP
Kontakt IN / Relay OUT	30x, each 4 functions / 5x, configurable as NO or NC
Serial / parallel / USB / PS/2	2x RS232 / 1x IEEE 1284 / 3x USB 2.0 / Mouse, keyboard

Further specifications

Exchangeable hard disks -optional-	Up to 2x 3.5"
Archiving medium	SlimLine DVD-RW drive -optional-
Video norm	PAL / NTSC
Voltage supply	110/230V 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
Operating temperature	5° - 40° C, 20° - 25° C recommended
Humidity -not condensing-	5 - 70%
Atmospheric load	Dust-free
Fan	3x with automatic speed adaptation
Weight	10 - 12 Kg
Operating system	Linux
Languages	German, English, French, Spanish (others on request)
Approvals/certifications	CE, FCC, UL, ACA, Kalagate, CB, DIN EN 50130-4, UVV-Kassen
VdS certification	Only if ordering VdS-Mounting-Kit