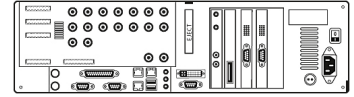


DMS 160 Bank



The DMS 160 Bank is a stand-alone H.264 audio and video recorder with up to 16 analogue channels.

Furthermore, the DMS 160 Bank is optimised for use in banks due to its special system parameters and certifications.

- Up to 16 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 1.5 Mbps
- Resolution up to 4CIF
- Frame rate per channel up to 12 fps at CIF
- Evaluation with SeMSy® or PView via Ethernet
- Integrated SmartFinder, privacy zones and motion detection
- 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		Options		Activations	
Item number		Item number		Item number	
160.001.000.016	DMS 160 Bank without HDDs 16x analogue video channels	000.194	19" bracket, for a 3HU single device	000.209FS	SEDOR® camera sabotage protection
160.001.016.116	DMS 160 Bank with 1x 160 GB HDD 16x analogue video channels	180.900	VdS installation kit, incl. mounting kit and protective cover for the connections	100.102.FS	D/N-RC - Day/Night Remote Control
160.001.025.116	DMS 160 Bank with 1x 250 GB HDD 16x analogue video channels	200.128FS	Internal RAID 1, 2x HDDs with the same capacity required (only ex factory)	200.034	PGuard light
160.001.032.216	DMS 160 Bank with 2x 160 GB HDDs 16x analogue video channels	200.337	Filter pad, 3HU (5 pieces)	200.116FS	Audio for all channels
160.001.050.116	DMS 160 Bank with 1x 500 GB HDD 16x analogue video channels	100.105.0160	Bank Security Package 160, for DMS 160 Bank / incl. 2x 160 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.117FS	PRemote PDA, PRemote advance required
160.001.050.216	DMS 160 Bank with 2x 250 GB HDDs 16x analogue video channels	100.105.0250	Bank Security Package 250, for DMS 160 Bank / incl. 2x 250 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.118FS	PView / PRemote live split recording
160.001.075.116	DMS 160 Bank with 1x 750 GB HDD 16x analogue video channels	100.105.0500	Bank Security Package 500, for DMS 160 Bank / incl. 2x 500 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.119FS	Voice Talk - bidirectional audio, PRemote advance required
160.001.100.116	DMS 160 Bank with 1x 1000 GB HDD 16x analogue video channels	100.105.0750	Bank Security Package 750, for DMS 160 Bank / incl. 2x 750 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.122FS	PRemote advance
160.001.100.216	DMS 160 Bank with 2x 500 GB HDDs 16x analogue video channels	100.105.1000	Bank Security Package 1000, for DMS 160 Bank / incl. 2x 1000 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.124FS	Weather server
160.001.150.216	DMS 160 Bank with 2x 750 GB HDDs 16x analogue video channels	010.240	DVI digital output	200.130	SNMP (SI-package SYS-Watch)
160.001.200.216	DMS 160 Bank with 2x 1000 GB HDDs 16x analogue video channels	200.210.1	RS485 kit, for the direct control of Dallmeier PTZ dome cameras at the recorder, -DCCP activation included-	200.202FS.4	DVR4 EBÜS standard image transmission
		702.043	Slimline DVD+RW drive		
		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		

* Flash is a trademark or registered trademark of the company Adobe Systems Incorporated headquartered in San Jose, California, USA., Trademarks which are designated by an ® are registered trademarks of Dallmeier electronic.

Technical specifications

Max. video channels	16x 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
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 400 fps
Frame rate per canal	Up to 3 fps at 4CIF Up to 4 fps at DCIF Up to 5 fps at 2CIF Up to 12 fps at CIF Up to 25 fps at QCIF
Bit rate per channel	Up to 1.5 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
Track modes	Standard
ATM activity survey	Integrated

Interfaces

Camera inputs	16x CVBS/BNC, with loop-through
Video outputs	4x CVBS/BNC, 1x VGA, 1x DVI-I (optional)
Audio IN -encoder card-	16x 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	22x, 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, UL, FCC, ACA, Kalagate, CB, DIN EN 50130-4, UVV-Kassen
VdS certification	Only if ordering VdS-Mounting-Kit