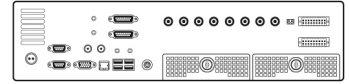


DLS 4 Bank



The DLS 4 Bank is a stand-alone H.264 audio and video recorder with up to 8 analogue channels. The basic version with 4 analogue channels can be expanded by 2/4 analogue channels with an activation code.

Furthermore, the DLS 4 Bank is optimised for use in banks due to its special system parameters and certifications.

- Up to 8 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
- 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
004.011.000.004	DLS 4 Bank without HDDs 4x analogue video channels	000.120 19" bracket, for a 2HU single device	000.207FS SEDOR® camera sabotage protection
004.011.016.104	DLS 4 Bank with 1x 160 GB HDD 4x analogue video channels	200.128FS Internal RAID 1, 2x HDDs with the same capacity required (only ex factory)	004.010.2.FS Activation of additional 2 analogue channels (in addition to 4 activated channels)
004.011.025.104	DLS 4 Bank with 1x 250 GB HDD 4x analogue video channels	200.338 Filter pad, 2HU (5 pieces)	004.101.2.FS Activation of additional 2 analogue channels (in addition to 6 activated channels)
004.011.032.204	DLS 4 Bank with 2x 160 GB HDDs 4x analogue video channels	100.103.0160 Bank Security Package 160 , for DLS 4 Bank / incl. 2x 160 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	100.101.FS ATM activity survey
004.011.050.104	DLS 4 Bank with 1x 500 GB HDD 4x analogue video channels	100.103.0250 Bank Security Package 250, for DLS 4 Bank / incl. 2x 250 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	100.102.FS D/N-RC - Day/Night Remote Control
004.011.050.204	DLS 4 Bank with 2x 250 GB HDDs 4x analogue video channels	100.103.0500 Bank Security Package 500, for DLS 4 Bank / incl. 2x 500 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.034 PGuard light
004.011.075.104	DLS 4 Bank with 1x 750 GB HDD 4x analogue video channels	100.103.0750 Bank Security Package 750, for DLS 4 Bank / incl. 2x 750 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.116FS Audio for all channels
004.011.100.104	DLS 4 Bank with 1x 1000 GB HDD 4x analogue video channels	100.103.1000 Bank Security Package 1000, for DLS 4 Bank / incl. 2x 1000 GB HDDs, RAID 1, ATM activity survey, SEDOR®, SysWatch	200.117FS PRemote PDA, PRemote advance required
004.011.100.204	DLS 4 Bank with 2x 500 GB HDDs 4x analogue video channels	702.044 DVD+RW Drive	200.118FS PView / PRemote live split recording
004.011.150.204	DLS 4 Bank with 2x 750 GB HDDs 4x analogue video channels	124.002.01 TA-24 MS multi screen, for using CVBS monitors incl. split switching	200.119FS Voice Talk - bidirectional audio, PRemote advance required
004.011.200.204	DLS 4 Bank with 2x 1000 GB HDDs 4x analogue video channels	129.303 VSC-1 (Video System Controller), for the control of analogue cameras at the recorder	200.122FS PRemote advance
		200.325 DFM-1-USB radio clock unit, Radio clock unit on USB (up software version: V5.1.X)	200.124FS Weather server
		100.034 DNI-1 basis set, for the connection of an external data interface (such as ATM, access control, cash register, etc.)	200.130 SNMP (SI-package SYS-Watch)
		100.035 DNI-1/E expansion module	200.202FS.4 DVR4 EBÜS standard image transmission
		100.050 DNI-TA24, for connecting the TA-24 MS keyboard	200.210.FS DCCP -Dallmeier Camera Control Protocol-
		100.039 Power supply unit for DNI interfaces and TA-24	200.234FS VNC server

Technical specifications

Standard / max. video channels	4x / 8x 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
Video compression	H.264
Audio compression	G.722.1
Resolution	4CIF, DCIF, 2CIF, CIF, QCIF
Recording mode	Permanent, motion, contact, timer
Max. frame rate	Up to 200 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
Browser live access	Integrated

Interfaces

Video inputs	8x CVBS / BNC, with loop-through
Video outputs	2x CVBS / BNC, 1x VGA
Audio IN -encoder card-	8x on D-SuB
Aux-Line IN/Mic IN/Audio OUT (Mainboard)	1x 3.5 mm phone jack / 1x 3.5 mm phone jack / 1x 3.5 mm phone jack
Ethernet	1x RJ45, 10/100/1000 Mbps
Ethernet protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP
Contact IN / Relay OUT	14x, each 4 functions / 5x, configurable as NO or NC
Serial / USB / PS/2	2x RS232, 1x RS485 / 5x USB 2.0 / Mouse, keyboard

Further specifications

Exchangeable hard disks -optional-	Up to 2x 3.5"
Archiving medium	DVD-RW drive -optional-
Video norm	PAL / NTSC
Voltage supply	12 V DC +/- 5%
Power consumption	Max. 70 W
Heat power	Max. 239 BTU/h
Dimensions W x H x D	425 x 88 x 384 mm
Operating temperature	5° - 40° C, 20° - 25° C recommended
Humidity -not condensing-	5 - 7 %
Atmospheric load	Dust-free
Fan	2x with automatic speed adaptation
Weight	9 - 10 Kg
Operating system	Linux
Languages	German, English, French, Spanish (others on request)
Approvals/certifications	CE, FCC, UL, ACA, CB, DIN EN 50130-4, UVV-Kassen