DLS 4

DIN
DIN EN 50130-4
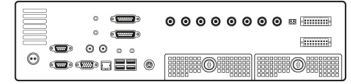
The DLS 4 is a stand-alone H.264 audio and video recorder with up to 8 analogue channels. The basic version with 4 analogue channels can be expanded in blocks of 2 analogue channels via activation codes up to a maximum of 8 analogue channels.

- 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
- Integrated UTC compatibility
- Easy-Change functionality in case of HDD failure
- Linux operating system on Flash memory
- DIN EN 50130-4 compliant

Variants

Item number	
004.010.000.004	DLS 4 without HDDs 4x analogue video channels
004.010.016.104	DLS 4 with 1x 160 GB HDD 4x analogue video channels
004.010.025.104	DLS 4 with 1x 250 GB HDD 4x analogue video channels
004.010.032.204	DLS 4 with 2x 160 GB HDDs 4x analogue video channels
004.010.050.104	DLS 4 with 1x 500 GB HDD 4x analogue video channels
004.010.050.204	DLS 4 with 2x 250 GB HDDs 4x analogue video channels
004.010.075.104	DLS 4 with 1x 750 GB HDD 4x analogue video channels
004.010.100.104	DLS 4 with 1x 1000 GB HDD 4x analogue video channels
004.010.100.204	DLS 4 with 2x 500 GB HDDs 4x analogue video channels
004.010.150.204	DLS 4 with 2x 750 GB HDDs 4x analogue video channels
004.010.200.204	DLS 4 with 2x 1000 GB HDDs 4x analogue video channels

Options

Item number	
000.120	19" bracket, for a 2HU single device
200.128FS	Internal RAID 1, 2x HDDs with the same capacity required (only ex factory)
200.338	Filter pad, 2HU (5 pieces)
702.044	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)
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	
004.010.2.FS	Activation of additional 2 analogue channels (in addition to 4 activated channels)
004.101.2.FS	Activation of additional 2 analogue channels (in addition to 6 activated channels)
100.102.FS	D/N-RC - Day/Night Remote Control
200.034	PGuard light
200.116FS	Audio for all channels
200.117FS	PRemote PDA, PRemote advance required
200.118FS	PView / PRemote live split recording
200.119FS	Voice Talk - bidirectional audio, PRemote advance required
200.122FS	PRemote advance
200.124FS	Weather server
200.202FS.4	DVR4 EBÜS standard image transmission
200.210.FS	DCCP -Dallmeier Camera Control Protocol-
200.234FS	VNC server

DLS 4

Technical specifications

Standard / max. camera inputs	4x / 8x analogue cameras
Supported cameras	Analogue cameras of Dallmeier and of third party
Operating mode	PentaplexPlus: recording, streaming, live display, playback, remote access
Recording mode	Permanent, motion, contact and timer
Split display	1, 4, 9
Video compression	H.264
Audio compression	G.722.1
Resolution per channel	4CIF, DCIF, 2CIF, CIF, QCIF
Frame rate in total	Up to 200 fps
Frame rate per channel	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 control	Integrated
Privacy Zones	Integrated
Motion detection	Integrated
SmartFinder	Integrated
Track modes	Standard, manual, automatic

Interfaces

Video inputs	8x CVBS / BNC, with loop-through
Video output	1x VGA, 2x CVBS / BNC
Aux / Line IN (Mainboard)	1x 3.5 mm phone jack
Audio IN (Encoder card)	8x D-SUB
Audio OUT (Mainboard / Decoder card)	1x 3.5 mm phone jack / 1x 3.5 mm phone jack
Ethernet	1x RJ45, 10/100/1000 Mbit/s
Contact IN / Relay OUT	14x, 4 functions each / 5x, as NO or NC
Serial / USB / PS/2	2x RS 232, 1x RS 485 / 5x USB 2.0 / Mouse, keyboard

Further specifications

Archiving medium	DVD-R (optional)
Hard disks	Up to 2x 3,5"
Max. storage capacity	Up to 2 TB
Video norm	PAL / NTSC
Mains voltage	12 V DC +/- 5%
Power consumption	Max. 70 W
Heating 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 - 70%
Atmospheric load	Dust-free
Weight	9 - 10 kg
Fan	2x with automatic speed adaptation
Operating system	Linux
Languages	German, English, French, Spanish (others on request)
Approvals/certifications	CE, FCC, UL, ACA, UL, CB, DIN EN 50130-4