Video Security

Recorders | eneo Digital Video Recorders

DLR3-16N/660CD
Digital Video Recorder (16-Channels)
660GB HDD, CD-RW Drive, Ethernet,230VAC

Art-No. 71928

eneo

Features

Duplex Operation	**Audio and Alarm Inputs / Outputs**
MPEG-4 Video Compression	**Secondary Storage/Archiving via USB and CD-RW**
Recording / Playback Speed 100 Fields/Sec. max.	**Storage Capacity 660GByte (3 HDDs max.)**
Video Resolution 720x576 Pixels max. (PAL)	**Live Picture & Playback Zoom (2x)**
16 Loop-through Inputs / VGA, Composite Outputs	**Integrated Motion Detector**
Network Connectivity (10/100Base-T Ethernet)	**PTZ Control and Remote Control through RS-485 Port**

Specifications

Operation mode	duplex
Video standard	PAL/NTSC (automatic selection)
Video inputs (amount)	16
Video inputs	16x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs
Main exits	CVBS, Y/C, VGA
Video outputs	1Vp-p, (C)VBS, 75ohms, BNC Y/C: Y=1Vp-p, 75ohms C=0.3Vp-p
Spot monitor	CVBS
Audio inputs	2, 2x line-in, Cinch
Audio output	1x line-out, RCA socket
Alarm inputs	16x TTL, programmable as NC/NO
Activity detection	16x12 grid, Sensitivity levels: 5, Discrimination size: 192 levels
Alarm out	On system and disk fail
Alarm outputs	2x Relais contacts (terminal block)
Alarm notification	E-Mail, Pager, Remote SW (RAS)
Alarm processing	Programmable automatic alarm multiscreens
Alarm reset input	1x TTL

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(Specifications continued)

Event Logs	No limit for alarm-in, motion, video loss, text-in
System logs	up to 5000, user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors
Max. recording resolution	672 x 272 (2CIF)
Resolution	720x576 Pixels (PAL/Display)
Compression standard	MPEG4, MPEG4 (advanced compression engine provides smaller data size without significant picture quality distortion), Audio: G.726, (ADPCM)
Image size	Low: 2/2.4kB, Standard: 4/4.8kB, High: 8/9.6kB, Very high: 12/14.4kB (NTSC/PAL). 2x bigger at high resolution mode
Max. recording rate	100HB/Sek.
Recording speed	100 Fields/sec. at CIF (336x272 Px. / PAL), 50 Fields/sec. at 2CIF (672x272 Px. / PAL)
Digital storage media	ATA-2 (EIDE) HDD's, Built-in CD-RW
Max. harddisk capacity (internal)	1500GB, 660GByte ATA-2 HDD's (3 internal HDD's max.)
Harddisk capacity (internal)	660GB
Pre-alarm recording	Up to 30min.
Post-alarm recording	Up to 15min.
Playback	1, 4-, 9-, 16-channel Split, PIP
Playback speed	25 Fields/sec. at CIF (336x272 Px. / PAL)
Monitor display	Real time: 25 Fields/sec. (PAL), 30 Fields/sec. (NTSC) per camera
Zoom function	2x
Covert camera operation	programmable
Intergrated writer	CD
Archiving	USB (HDD's, CD-RW, Flash drive), IDE (CD-RW)
Secondary Storage	via USB 2.0, Built-in CD-RW. Network Data Export: Clip Player, AVI, JPG, BMP
Control units (external)	system keyboard, mouse
Remote control	-
Remote access	remote software
Remote Software	For remote administration and search function (RAS plus, supplied with the unit)
Time synchronization	Via Network time protocol. Operation as Network time server
Menu languages	German, English, Italian, French, Spanish, Polish, Russian, Czech, Hungarian
Ethernet interface	10Base-T/100-Base-TX, RJ-45
Network protocols	TCP/IP, ADSL, DHCP, DVRNS
Transmission rate (Network)	100 Fields/sec. (CIF), 50 Fields/sec. (2CIF), PAL
Interfaces external storage	USB, 2x USB 2.0
Serial interfaces	RS-232, RS-485, RS-485 for telemetry control (proved protocols: eneo-Fastrax, Pelco P/D) or remote keyboard control, RS-485 for telemetry control (proved protocols: eneo-Fastrax, Pelco P/D) or remote keyboard control
Text insertion interface	ATM/POS

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(Specifications continued)

Security	Key lock, 64 user groups access rights programmable for each group (up to 256 user)
Supply voltage	100VAC~230VAC, 50/60Hz
Power consumption	approx. 150watts
Temperature range (Operation)	+5°C ~ +40°C
Housing	Steel metal with plastic front, desktop design
Colour	Pantone 427C
Dimensions (HxWxD)	88x430x393mm
Weight	approx. 7.4kg
Parts supplied	19" Rack mount kit, Mains cable, Viewer CD ROM (RAS+), Manuals

Accessories

71857 / HDD-250	Hard Disk Drive 250GB for DLR/DXR/DTR/ DCR and BTR-30xx Series
71919 / HDD-500	Hard Disk Drive 500GB for DLR/DXR/DTR/ DCR and BTR-30xx Series
74088 / EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC/230VAC
74092 / EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC/230VAC, Fastrax Protocol
71902 / DVR-MOUSE	USB Mouse for Recorder Series DTR (DXR), DPR and DLR3

Product Information

The DLR3 series duplex recorders feature a very efficient compression method (MPEG-4). As a result they only take up approximately 12K for one best quality image, which is significantly less than comparable models. As storage capacity can be expanded to up to 3 Hard Disks, recording long periods of time is no problem. Recorders of the DLR3 series are network compatible and are equipped with supporting remote software. This software enables access to live pictures and recorded images in single or multi-image mode without interrupting recording. For quick and easy archiving a CD writer is integrated.