

Video Security

Recorders | eneo Digital Video Recorders

DLR3-16N/160CD

Digital Video Recorder (16-Channel)
160GB HDD, CD-RW Drive, Ethernet, 230VAC

Art-No. 71926



Features

Duplex Operation

MPEG-4 Video Compression

Recording / Playback Speed 100 Fields/Sec. max.

Video Resolution 720x576 Pixels max. (PAL)

16 Loop-through Inputs / VGA, Composite Outputs

Network Connectivity (10/100Base-T Ethernet)

Audio and Alarm Inputs / Outputs

Secondary Storage/Archiving via USB and CD-RW

Storage Capacity 160GByte (3 HDDs max.)

Live Picture & Playback Zoom (2x)

Integrated Motion Detector

PTZ Control and Remote Control through RS-485 Port

Specifications

Video standard	PAL/NTSC (auto detection)
Event Logs	No limit for alarm-in, motion, video loss, text-in
Security	Key lock, 64 user groups access rights programmable for each group (up to 256 user)
Transmission rate (Network)	100 Pict./Sec. max (PAL) via Network
Alarm notification	E-Mail, Pager, Remote SW (RAS)
Alarm processing	Programmable automatic alarm multiscreens
Remote control	-
Text insertion interface	ATM/POS
Monitor display	Real time: 25 Fields/Sec. (PAL), 30 Fields/Sec. (NTSC) per camera
Covert camera operation	Programmable
Time synchronization	Via Network time protocol. Operation as Network time server
System logs	up to 5000, user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors
Zoom function	2x
Playback	1, 4-, 9-, 16-channel Split, PIP

(Specifications continued)

Post-alarm recording	Up to 15min.
Serial interface	RS-485 for telemetry control (proved protocols: eneo-Fastrax, Pelco P/D) or remote keyboard control
Activity detection	16x12 grid, Sensitivity levels: 5, Discrimination size: 192 levels
Simplex/Duplex/Triplex/Pentaplex operation	Duplex
Video inputs	16x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs
Monitor outputs	1x Spot 1Vp-p, (C)VBS, 75ohms, BNC; 1x VGA
Video output	1x 1Vp-p, (C)VBS, 75ohms, BNC; 1x Y/C, Y= 1Vp-p, C= 0.3Vp-p, 75ohms
Audio input	2x line-in, RCA socket
Audio output	1x line-out, RCA socket
Resolution	720x576 Pixels (PAL/Display)
Compression standard	MPEG-4, advanced compression engine provides smaller data size without significant picture quality distortion
Recording speed	100 Fields/sec. at CIF (336x272 Px. / PAL), 50 Fields/sec. at 2CIF (672x272 Px. / PAL)
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
Hard disk capacity	160GByte ATA-2 HDD (up to 3 internal HDD's)
Playback speed	25 Fields/sec. at CIF (336x272 Px. / PAL)
Secondary Storage	via USB 2.0, Built-in CD-RW. Network Data Export: Clip Player, AVI, JPG, BMP
Alarm inputs	16x TTL, programmable as NC/NO
Alarm outputs	2x Relais contacts (terminal block)
Alarm reset input	1x TTL (terminal block)
Alarm out	On system and disk fail
Pre-alarm recording	Up to 30min.
Digital storage media	ATA-2 HDD's (EIDE), Built-in CD-RW
Archiving	USB (HDD's, CD-RW, Flash drive), IDE (CD-RW)
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
Remote Software	For remote administration and search function (RAS plus, supplied with the unit)
Interfaces	2x USB, 1x RS-485, 1x RS-232 (Remote control via modem),
Supply voltage	100VAC~230VAC, 50/60Hz
Power consumption	Approx. 150watts
Temperature range	5°C ~ +40°C
Housing	Steel metal with plastic front, desktop design
Colour	Pantone 427C
Dimensions (HxWxD)	88x430x393mm
Weight	Approx. 7.4kg

DLR3-16N/160CD

(Specifications continued)

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 and DCR 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

71919 / HDD-500

Hard Disk Drive 500GB for DLR/DXR/DTR and DCR Series

71902 / DXR-MOUSE

USB Mouse for Recorder Series DXR, DTR, 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.

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