

DLR4-16/250D

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DLR4-16/250D
Digital Video Recorder (16 Channels), H.264,
250GB, 400fps, DVD, audio

Art-Nr. 72933



Main Features

Pentaplex operation	2-way audio / alarm inputs & outputs
H.264 video compression standard	Storage capacity: 250GByte (3 HDDs max.)
Recording speed: 400 ips max.	Live picture & playback zoom (4x)
Video resolution: 720x576 px. max.	Browser access & RASPlus/RAS mobile remote control
16 loop-through inputs / VGA, composite outputs	IR remote control and mouse control
Network connectivity (10/100Base-T Ethernet)	PTZ control through RS-485 port

Specifications

Series	eneo DLR
Operation mode	Pentaplex
Video standard	PAL/NTSC (automatic selection)
Video inputs (amount)	16
Video inputs	1Vp-p, (C)VBS, 75ohms, BNC (loop-through)
Main exits	VGA, composite (CVBS)
Video outputs	1Vp-p, composite, 75ohms, BNC
Spot monitor	composite (CVBS)
IP channels	-
Audio inputs	4
Audio output	1x line-out, Cinch
Alarm inputs	16x TTL inputs, programmable as NC/NO

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(Continuation Specifications)

Motion detector	32x24 (768) grid per camera, Sensitivity levels: 5. Minimum size for detection: 256 levels. Video signal obscuration and video signal blind detection.
Alarm recording	Event, Pre- and post alarm, Panic and Video loss
Covert Camera Recording	Available
Alarm out	On system and disk fail
Acoustic alarm display	ON/OFF switchable
Alarm outputs	2x Relay contacts (NO/NC)
Alarm notification	E-Mail, Remote SW (RASplus), Callback
Alarm reset input	TTL input
Event Logs	No limit for alarm-in, motion, video loss, text-in
System logs	Up to 5,000 for user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors
Max. recording resolution	704 x 576
Resolution	720x576 Pixels (Display)
Compression standard	H.264, (H.264: advanced compression engine provides smaller data size without significant picture quality distortion)
Image size	Low: 2/2.4kB, Standard: 4/4.8kB, High: 6/7.2kB, Very high: 8/9.6kB (NTSC/PAL), at CIF resolution
Max. recording rate	400 B./Sek., @ 352 x 288
Recording speed	400 ips. at CIF (352x288 Px.), 200 ips. at 2CIF (704x288 Px.), 100 ips. at 4CIF (704x576 Px.) / PAL
Digital storage media	SATA hard disk
Harddisk capacity (internal)	250 GB
Max. harddisk capacity (internal)	3 TB
Recording modes	Continuous, Time-lapse, Motion Detection, Text-in, Pre-alarm, Panic
Digital signature	Watermark
Pre-alarm recording	up to 30min.
Post-alarm recording	Up to 15min.
Playback	1, 4, 9, 16channel split, PIP
Playback speed	400 ips. at CIF (352x288 Px.), 200 ips. at 2CIF (704x288 Px.), 100 ips. at 4CIF (704x576 Px.) / PAL
Monitor display	Real time: 25 ips (PAL), 30 ips (NTSC) per camera
Zoom function	2x~4x
Integrated writer	DVD
Secondary Storage	via USB 2.0: HDD, Flash drive, built-in SATA DVD RW. Network Data Export: Clip Player, AVI, JPG, BMP
Control units (external)	System Keyboard, Mouse
Remote control	included
Remote access	Browser, Remote Software

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(Continuation Specifications)

Remote Software	For remote administration and search function (RASplus, Webguard, supplied with the unit)
Scheduling	Different schedule for 7 days per week, programmable holidays, hour-by-hour configuration, time-lapse, event-driven, 2 mixed independent time-lapse schedules
Search function	Date/Time, Record table, Calendar, Event, Motion, Museum, Text-In
Menu languages	German, English, French, Italian, Spanish, Dutch, Danish, Polish, Russian, Czech, Hungarian
Network	10/100 Base-Tx, RJ45
Network protocols	Manual, ADSL, DHCP, DVRNS
Transmission rate (Network)	100 ips (CIF), 50 ips (2CIF), PAL
Interfaces external storage	USB, 2x USB 2.0
Serial interfaces	RS-485, RS-232, RS-485 for telemetry control (proved protocols: eneo-Fastrax, Pelco P&D) or remote keyboard control
Text insertion interface	ATM/POS, 10 chann. max.
Password protection	64 Groups, 256 User
Supply voltage	100VAC ~240VAC, 0.6A 50/60Hz
Power consumption	40W
Temperature range (Operation)	+5°C ~+40°C
Housing	Steel metal with plastic front, desktop design
Colour	Pantone 427C
Dimensions (HxWxD)	88x430x405mm
Weight	6.2kg
Parts supplied	IR Remote control unit, 19" Rack mount kit, Power supply unit 100~240VAC / 2A with Mains cable, Viewer CD ROM (RASplus), Manuals
Certificates	CE

Optional accessories

71922	RAS+	Remote Administration Interface Software for DLR and DTR Digital Video Recorders
71902	DVR-MOUSE	USB Mouse for Recorder Series DTR, DPR and DLR3
72745	RAS MOBILE	PDA Remote Monitoring Software for DLR, DCR, DTR and DPR Digital Video Recorders
74746	KBD-NSC-100	Network System Controller with 3-Axis Joystick and Jog Shuttle, 5VDC
74149	KBD-2	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
74088	EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC
74092	EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC, Fastrax Protocol
72952	HDD-1000SATA-H2	Hard Disk Drive 1000GB, SATA for DCR, DTR, DIR, DLR1.1, DLR3/4, DPR
72934	USB-8COM	Serial Text Interface Converter 8x RS232 for DLR-3/4, DTR and DPR

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Product information

The eneo DLR4 series Pentaplex recorders feature a very efficient compression method (H.264) and a high record and playback speed. As a result they only take up approximately 8K (NTSC) for one best quality image, which is significantly less than comparable models. Recorder series is 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. Graphical 11 language user interface, telemetry function, USB 2.0 interface to be used for the purpose of expanding internal storage capacity and for quick and easy archiving on external hard disk or CD-RW.

