

# DLR4-04/1,75TD

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DLR4-04/1,75TD

Digital Video Recorder (4 Channels), H.264, 1,

75TB, 100fps, DVD, Ethernet

Art-Nr. 98556



## Main Features

Pentaplex operation

H.264 video compression standard

Recording Speed: 100 ips max.

Video resolution: 720x576 px. max.

4 loop-through inputs / VGA, composite outputs

2-way audio / alarm inputs & outputs

Network connectivity (10/100Base-T Ethernet)

Secondary storage / Archiving via USB 2.0 & DVD RW

1750Gbyte SATA HDD (No HDD extension possible)

Browser access & RASPlus/RAS mobile remote control

IR remote control and mouse control

PTZ control through RS-485 port

## Specifications

Series	eneo DLR
Operation mode	Pentaplex
Video standard	PAL/NTSC (automatic selection)
Video inputs (amount)	4
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	4x TTL, programmable as NC/NO (terminal block)

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(Continuation Specifications)

<b>Motion detector</b>	32x24 (768) grid per camera, Sensitivity levels: 5. Minimum size for detection: 256 levels. Video signal obscuration and video signal blind detection.
<b>Alarm recording</b>	Event, Pre- and post alarm, Panic and Video loss
<b>Covert Camera Recording</b>	Available
<b>Alarm out</b>	On system and disk fail
<b>Acoustic alarm display</b>	ON/OFF switchable
<b>Alarm outputs</b>	Relay contact (NO/NC)
<b>Alarm notification</b>	E-Mail, Remote SW (RASplus), Callback
<b>Alarm reset input</b>	TTL input
<b>Event Logs</b>	No limit for alarm-in, motion, video loss, text-in
<b>System logs</b>	Up to 5,000 for user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors
<b>Max. recording resolution</b>	704 x 576
<b>Resolution</b>	720x576 Pixels (Display)
<b>Compression standard</b>	H.264, (H.264: advanced compression engine provides smaller data size without significant picture quality distortion)
<b>Image size</b>	Low: 2/2.4kB, Standard: 4/4.8kB, High: 6/7.2kB, Very high: 8/9.6kB (NTSC/PAL), at CIF resolution
<b>Max. recording rate</b>	100 B./Sek., @ 352 x 288
<b>Recording speed</b>	100 ips. at CIF (352x288 Px.), 50 ips. at 2 CIF (704x288 Px.), 25 ips. at 4CIF (704x576 Px.) / PAL
<b>Digital storage media</b>	SATA hard disk
<b>Harddisk capacity (internal)</b>	1,75 TB
<b>Max. harddisk capacity (internal)</b>	3 TB
<b>Recording modes</b>	Continuous, Time-lapse, Motion Detection, Text-in, Pre-alarm, Panic
<b>Digital signature</b>	Watermark
<b>Pre-alarm recording</b>	up to 30min.
<b>Post-alarm recording</b>	Up to 15min.
<b>Playback</b>	Single, quad picture, PIP
<b>Playback speed</b>	100 ips. at CIF (352x288 Px.), 50 ips. at 2CIF (704x288 Px.), 25 ips. at 4CIF (704x576 Px.) / PAL
<b>Monitor display</b>	Real time: 25 ips (PAL), 30 ips (NTSC) per camera
<b>Zoom function</b>	2x~4x
<b>Integrated writer</b>	DVD
<b>Secondary Storage</b>	via USB 2.0: HDD, Flash drive, built-in SATA DVD RW. Network Data Export: Clip Player, AVI, JPG, BMP
<b>Control units (external)</b>	System Keyboard, Mouse
<b>Remote control</b>	included
<b>Remote access</b>	Browser, Remote Software

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(Continuation Spezifications)

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

## Optional accessories

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

