

# DLR4-04/1.5TBD

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DLR4-04/1.5TBD  
Digital Video Recorder (4 Channels), 1.5 TB,  
H.264, 100fps, 704x576, DVD, Audio

**Art-Nr. 73198**



## Main Features

<b>Pentaplex operation</b>	<b>Network connectivity (10/100Base-T Ethernet)</b>
<b>H.264 video compression standard</b>	<b>Secondary storage / Archiving via USB and DVD RW</b>
<b>Recording speed: 100 fps max.</b>	<b>Storage capacity: 1500GByte (3 HDDs max.)</b>
<b>Video resolution: 704x576 px. max.</b>	<b>Browser access &amp; RASPlus/RAS mobile remote control</b>
<b>4 loop-through inputs / VGA, composite outputs</b>	<b>IR remote control and mouse control</b>
<b>2-way audio / alarm inputs &amp; outputs</b>	<b>PTZ control through RS-485 port</b>

## Specifications

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

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(Continuation Specifications)

<b>Motion detector</b>	programmable 32 x 24 (768) masking grid, minimum field size: 256 levels, 5 sensitivity levels, video signal obscuration and video signal blind detection
<b>Covert camera mode</b>	available
<b>Alarm triggers</b>	system error, disk error, acoustic
<b>Alarm outputs</b>	1x NO/NC contact
<b>Alarm notification</b>	e-mail, remote software (RASplus), callback
<b>Alarm reset input</b>	TTL input
<b>Event logs</b>	no limit for alarm-in, motion, video loss, text-in
<b>Max. recording resolution</b>	704x576
<b>Compression standard</b>	H.264, (H.264: advanced compression engine provides smaller data size without significant picture quality distortion)
<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>	1,5 TB
<b>Max. harddisk capacity (internal)</b>	6 TB
<b>Recording</b>	permanent, movement, timer, panic, event
<b>Digital signature</b>	watermark
<b>Pre-alarm recording</b>	up to 30min.
<b>Post-alarm recording</b>	up to 15min.
<b>Playback</b>	full screen, 4 channel split, 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>Zoom function</b>	2x~4x
<b>Search function</b>	date/time, record table, calendar, event, motion, museum, text
<b>Integrated writer</b>	DVD
<b>Secondary Storage</b>	via USB 2.0, Built-in CD-RW. Network Data Export: Clip Player, AVI, JPG, BMP
<b>Control units (external)</b>	system keyboard, mouse
<b>Remote access</b>	Microsoft Internet Explorer, remote software
<b>Mobile access</b>	iPhone, PDA
<b>Menu languages</b>	English, German, French, Italian, Polish, Danish, Russian, Czech, Hungarian, Spanish
<b>Network</b>	10/100 Base-Tx, RJ45
<b>Network protocols</b>	TCP/IP, DHCP, SMTP, PPPoE
<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: eno-Fastrax, Pelco P&D) or remote keyboard control

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(Continuation Specifications)

<b>Text insertion interface</b>	ATM/POS, 10 chann. max.
<b>Password protection</b>	64 groups, 256 users
<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>	6.8kg
<b>Parts supplied</b>	IR remote controller, 19" rack mount angle, power cord, Viewer CD ROM (RASplus), manuals
<b>Certificates</b>	CE

## Optional accessories

<b>74149</b>	<b>KBD-2</b>	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
<b>74746</b>	<b>KBD-NSC-100</b>	Network System Controller with 3-Axis Joystick and Jog Shuttle, 5VDC
<b>71902</b>	<b>USB-MOUSE</b>	USB Mouse for Recorder Series DMR, DPR, BLR and DLR3/4 - PS/2, USB
<b>72998</b>	<b>HDD-2000SATA</b>	Hard Disk Drive 2TB, SATA for eneo BLR, DLR, DMR Series

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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.

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