



Digital Recorders

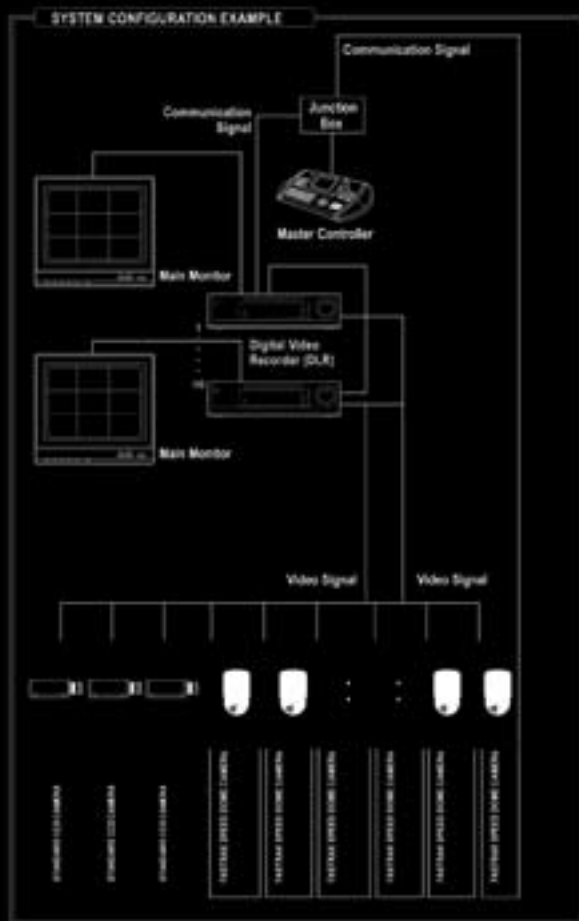
Price, Performance
& Perfection: The eneo
DLR Recorder Series





Performance, Price & Compatibility: A Perfect Combination.

eneo digital recorders are always the first choice for up-to-date features at a fair price. From the single channel solution* as replacement for analogue recorders up to the 16-channel system for complex projects: professionals find everything they need to satisfy modern security application requirements. Network connection inclusive. The self-explanatory menus and Remote Administration System Software (RAS) for control, configuration and search are most intuitive. Furthermore, it is standardised for the whole DLR family, which makes child's play of system upgrades or device changes.



RAS "Admin"






RAS "Watch"



RAS "Search"

* For information on the new 1-Channel DVR eneo DLR-201 please see the separate info sheet.

The eneo DLR Digital Recorder Series at a glance

	 DLR-204	 DLR-109	 DLR-116
Ideal Applications of the Recorder	<p>Ideal for small installations of four to nine cameras These recorders cut a good figure in small systems of four to nine cameras. A monitor and signal sources are all that the system still needs. Other signal processing equipment is normally unnecessary. The recorders' simple operation makes them ideal for retail outlets, petrol stations or drinks cash-and-carry stores – where staff turnover may be high or where security specialists are not close at hand.</p> <p>A tip: the DLR recorders are also the perfect and favourably priced solution for decentralized recording and network connection.</p>		<p>For systems with many signal sources The DLR series flagship likes to make connections with its 16 signal sources. So even complex installations can now be favourably priced. And with a hard disk capacity of up to 480 GB you have more than enough reserves for long recording phases.</p>
Specifications			
Video Input/Output	4/1	9/1	16/1
Compression	ML-JPEG	ML-JPEG	ML-JPEG
Hard Disk Capacity*	120GB / up to 480GB*	120GB / up to 480GB*	120GB / up to 480GB*
Recording Speed	50 Fields/sec.	50 Fields/sec.	50 Fields/sec.
Resolution max.	720x576 Pixels	720x576 Pixels	720x576 Pixels
Operation Mode	Duplex	Duplex	Duplex
Audio Input/Output	1/1	1/1	1/1
Alarm Input/Output	4/4	9/4	16/4
Interface with most popular Multiplexers	-	-	-
Various Recording Modes	√	√	√
Multi-Screen Display	4x	9x	16x
Network Connectivity	Ethernet LAN as Standard	Ethernet LAN as Standard	Ethernet LAN as Standard
Dimensions HxWxD	88x430x365mm	88x430x365mm	88x430x365mm

* Based on the storage capacity of Hard Disks available by May 2003. Current HD sizes on request.

ML-JPEG + 4x EIDE = Enormous Storage Reserves

eneo digital recorders don't give up quickly, even in permanent use. The multi-channel recorders can be equipped with up to four internal EIDE hard disks to satisfy requirements. This produces up to 480GB* storage for your digital data. Additionally, the ML-JPEG compression method makes a picture really tiny on your hard disk. Only 12-18 kilobytes at best picture quality – to be precise.

At second glance

Many digital recorders are now available. But not all recorders are able to satisfy your high professional requirements. Therefore you have to be very careful. Here are ten points to help you check.

1. Duplex capability

Can the recorder record and playback simultaneously?

The eneo DLR can do that! This allows you to evaluate recorded images while recording is continuing.

2. Audio

Can the recorder also record audio?

The eneo DLR can do that! The audio signal can also be an important part of a surveillance event.

3. Compression method

What is the size of an image at maximum quality?

The eneo DLR compresses using the efficient ML-JPEG method. It therefore only needs about 18 KB for a picture in utmost quality. This is approximately half the size used by the majority of comparable suppliers. The memory space for a picture determines hard disk utilisation and therefore also the recording time. Check this out; otherwise your next hard disk upgrade will be due soon.

4. Software

Does it have an extensive software package?

Most recorders only offer browser access.

With the eneo DLR you also get a software solution for network access. This gives you, for example, full access to all camera signals via a multiplexer. The recorder configuration can also be stored externally for instant availability after changing a hard disk or recorder.

5. Search functions

How do you find recorded material?

Most recorders only permit a simple jump to a date and time. The eneo DLR series boasts extensive search functions. So stored material can be found straight away using the graphic display.

6. Ports

Is there a Y/C video input and output?

With the eneo DLR: Yes!

7. Operation

How easy is it to operate the recorder?

The eneo DLR is equipped with a jog shuttle for easy selecting single images. This makes recorder operation a pleasure.

8. Menu language

Is there a multilanguage menu – including English?

Of course our 5-language menu offers English, and it is displayed graphically.

9. External archiving

Is there a port for storage media connection?

We provide you with a USB port for external storage media.

10. Printer port

Can single pictures be printed out?

External PostScript printers can be connected to the integral printer port to provide printed images quickly, for instance when searching for a person.



VIDEOR TECHNICAL

Carl-Zeiss-Straße 37
63322 Rödermark
Tel. (0 60 74) 8 88-0
Fax (0 60 74) 8 88-100
info@videortechnical.com
www.videortechnical.com