



## DTR-6116/1.0TD

Article-No.: 72746

Digital Video Recorder (16 Chann.), 1.0  
TB HDD, DVD-RW Drive, Ethernet, 230VAC

### Mainfeatures

MPEG-4 Video Compression / Pentaplex Operation  
2-way Audio / Alarm Inputs & Outputs  
Recording Speed max.: 400ips  
Video Resolution 720x576 Pixels max.  
Secondary Storage/Archiving via USB and CD-RW

16 Loop-through Inputs / VGA, Comp./S-VHS Outputs  
Recording Speed: 100ips  
Storage Capacity 1000GByte (3 HDD's max.)  
SCSI Port for Archiving / Memory Extention  
ATM/POS Text Insertion / 2x to 4x Digital Zoom

### Specifications

Series	eneo DTR
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	CVBS, Y/C, VGA
Video outputs	1Vp-p, (C)VBS, 75ohms, BNC Y/C: Y=1Vp-p, 75ohms C=0.3Vp-p
Monitor outputs	4x Spot 1Vp-p, (C)VBS, 75ohms, BNC
Spot monitor	CVBS
IP channels	-
Audio inputs	4
Audio inputs	line-in, Cinch
Audio output	1x line-out, Cinch
Alarm inputs	16x TTL, programmable as NC/NO
Activity detection	16x12 grid, Sensitivity levels: 5, Discrimination size: 192 levels. Minimum size for detection: 15 levels, Intrusion and Obscuration detection.





## Specifications (continued)

Alarm recording	Event, Pre- and Post alarm, Motion detection
Alarm out	On system and disk fail
Alarm outputs	15x TTL, open collector, 1x Relay (terminal block)
Alarm notification	E-Mail, Pager, Remote SW (RASplus)
Alarm processing	Programmable automatic alarm multiscreens
Alarm reset input	2-4 TTL (terminal block)
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	MPEG4
Compression standard	MPEG4 ASP (advanced compression engine provides smaller data size without significant picture quality distortion), Audio: G.726 (ADPCM)
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
Max. recording rate	400 B./Sek.
Recording speed	400 ips at 352x288 Px. / PAL, 200 ips at 704x288 Px. / PAL, 100 ips at 704x576 Px. / PAL
Digital storage media	SATA HDD's, Built-in CD/DVD-RW
Harddisk capacity (internal)	1000 GB
Max. harddisk capacity (internal)	3000 GB
Recording modes	Continuous, Event based or scheduling. Simultaneous recording and playback
Pre-alarm recording	Up to 30min.
Post-alarm recording	Up to 15min.
Playback	1, 4, 9, 16 channel split, PIP
Playback speed	400 Images/sec. at CIF (352x288 Px. / PAL), 200 Images/sec. at 2CIF (704x288 Px. / PAL), 100 Images/sec. at D1 (704x576 Px. / PAL)
Monitor display	Real time: 25 ips (PAL), 30 ips (NTSC) per camera
Zoom function	2x-4x
Covert camera operation	programmable
Integrated writer	DVD
Archiving	With SATA, SCSI and USB HDD's. Real-time mirroring via USB 2.0, SCSI Interface, or built-in CD/DVD-RW writer.
Secondary Storage	Network Data Export: Clip Player, AVI, JPG, BMP
Control units (external)	System Keyboard, Mouse
Remote control	Wireless remote control enabled
Remote access	Remote Software, Browser
Remote Software	For remote administration and search function (RASplus, Webguard, supplied with the unit)
Time synchronization	Via Network time protocol. Operation as Network time server
Search function	Date/Time, Record table, Calendar, Event, Motion, Museum, Text-In
Menu languages	German, English, Italian, French, Spanish, Polish, Russian, Czech, Hungarian
Ethernet interface	10Base-T/100-Base-TX, RJ-45





## Specifications (continued)

Transmission rate (Network)	100 ips (CIF), 50 ips (2CIF), PAL
Interfaces external storage	USB, SCSI
Interfaces external storage	3x USB 2.0
Serial interfaces	RS-485, RS-232
Serial interfaces	RS-485 for telemetry control (proved protocols: eneo-Fastrax, Pelco P&D) or remote keyboard control
Text insertion interface	ATM/POS, 10 chann. max.
Security	Key lock, 64 user groups access rights programmable for each group (up to 256 user)
Supply voltage	100VAC~230VAC, 50/60Hz
Power consumption	approx. 150watts
Temperature range (Operation)	+5°C ~ +40°C
Housing	Steel metal with plastic front, desktop design
Colour	Pantone 427C
Weight	8.7kg
Parts supplied	IR Remote control unit, 19" Rack mount kit, Mains connection cable, Viewer CD ROM (RASplus), Manuals
Certificates	CE

## Optional Accessories

Image	Artikel-Nr. / Typ	Description
	EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC
	KBD-2	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
	EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC, Fastrax Protocol
	DVR-MOUSE	USB Mouse for Recorder Series DTR, DPR and DLR3

## Optional Accessories (continued)

Image	Artikel-Nr. / Typ	Description
	HDD-250SATA-H	Hard Disk Drive 250GB,SATA for DTR-42xx, DTR-61xx, DLR1.1, DLR3-08/16 (SATA)
	HDD-500SATA-H	Hard Disk Drive 500GB,SATA for DTR-42xx, DTR-61xx, DLR1.1, DLR3-08/16 (SATA)
	HDD-750SATA-H	Hard Disk Drive 750GB, SATA for DLR1.1, DLR3 (SATA), DTR-42xx, DTR-61xx
	HDD-1000SATA-S	Hard Disk Drive 1000GB, SATA for DTR-42xx, DTR-61xx, BCR, DCR DVRs

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