

DTR-4216/500D

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DTR-4216/500D
Digital Video Recorder (16 Channels), 500GB,
200fps, DVD, Ethernet, 230VAC

Art-Nr. 72691



Main Features

MPEG-4 ASP Video Compression / Pentaplex Operation
16 Loop-through Inputs / VGA, Comp./S-VHS Outputs
2-way Audio / Alarm Inputs & Outputs
Recording Speed: 50ips (D1 Resolution)
Recording Speed max.: 200ips (PAL)
500Gbyte EIDE HDD (Extentable to 3 HDD's)

Video Resolution 720x576 Pixels max. (D1)
SCSI Port for Archiving / Memory Extension
Backup: Archiving and Mirroring
ATM/POS Text Insertion / 2x to 4x Digital Zoom
PTZ Control and Remote Control through RS-485 Port
Ethernet Connectivity / IR Remote Control

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, 4x line-in, Cinch
Audio output	1x line-out, Cinch
Alarm inputs	16x TTL, programmable as NC/NO

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(Continuation Specifications)

Activity detection	16x12 grid, Sensitivity levels: 5, Discrimination size: 192 levels. Minimum size for detection: 15 levels, Intrusion and Obscuration detection.
Alarm recording	Event, Pre- and Post alarm, Motion detection
Covert Camera Recording	Available
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, 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	200 B./Sek.
Recording speed	200 ips. at CIF (352x288 Px.), 100 ips. at 2CIF (704x288 Px.), 50 ips. at 4CIF (704x576 Px.) / PAL
Digital storage media	SATA HDD's, Built-in CD/DVD-RW
Harddisk capacity (internal)	500 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	200 ips. at CIF (352x288 Px.), 100 ips. at 2CIF (704x288 Px.), 50 ips. at D1 (704x576 Px.) / PAL
Monitor display	Real time: 25 ips (PAL), 30 ips (NTSC) per camera
Zoom function	2x~4x
Intergrated writer	DVD
Archiving	With SATA, SCSI and USB HDD's. Real-time mirroring
Secondary Storage	via USB 2.0, SCSI Interface, or built-in CD/DVD-RW writer. 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

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(Continuation Spezifications)

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
Transmission rate (Network)	100 ips (CIF), 50 ips (2CIF), PAL
Interfaces external storage	USB, SCSI, 3x 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.
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

74149	KBD-2	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
74092	EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC, Fastrax Protocol
74088	EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC
74746	KBD-NSC-100	Network System Controller with 3-Axis Joystick and Jog Shuttle, 5VDC
71902	DVR-MOUSE	USB Mouse for Recorder Series DTR, DPR and DLR3
72947	HDD-1000SATA-S	Hard Disk Drive 1000GB, SATA, for DTR, DIR, DLR1.x, DLR3/4 and DPR Series
72935	HDD-500SATA-S	Hard Disk Drive 500GB, SATA for DTR, DIR DLR1.x, DLR3/4 and DPR Series
72934	USB-8COM	Serial Text Interface Converter 8x RS232 for DLR-3/4, DTR and DPR
72923	HDD-250SATA-H1	Hard Disk Drive 250GB, SATA, for DTR, DIR, DLR1.x, DLR3/4 and DPR Series
72952	HDD-1000SATA-H2	Hard Disk Drive 1000GB, SATA for DCR, DTR, DIR, DLR1.1, DLR3/4, DPR

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Product information

The DTR-4200 series Pentaplex recorders feature a very efficient compression method (MPEG-4) and a high record and playback speed. As a result they only take up approximately 12K for one best quality image, which is significantly less than comparable models. As storage capacity can be expanded to up to 3 SATA Hard Disks, recording long periods of time is no problem. Recorders of the DTR-4200 series are 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. For quick and easy archiving a CD/DVD writer is integrated.

