



## DTR-6116/1.75TD

Article-No.: 72748

Digital Video Recorder (16 Chann.), 1.75  
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  
1750Gbyte SATA HDD (No HDD extension possible)  
SCSI Port for Archiving / Memory Extension  
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<br>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<br>levels. Minimum size for detection: 15 levels, Intrusion and<br>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)      | 1750 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                        | 9kg  |
| 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      |

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