



DLR3-16/250SDV

Article-No.: 72814

Digital Video Recorder (16 channels) 250
GB SATA, DVD-RW Drive, Ethernet, 230VAC

Main features

Triplex Operation
Recording / Playback Speed 100 Fields/Sec. max.
16 Loop-through Inputs / VGA, Composite Outputs
Alarm Inputs / Outputs
Storage Capacity 250GByte (3 HDDs max.)

MPEG-4 Video Compression Standard
Video Resolution 720x576 Pixels max.
Network Connectivity (10/100Base-T Ethernet)
Secondary Storage/Archiving via USB and DVD-RW
Live Picture & Playback Zoom (2x)

Specifications

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|-----------------------|--|
| Series | eneo DLR |
| Operation mode | Triplex |
| Video standard | PAL/NTSC (automatic selection) |
| Video inputs (amount) | 16 |
| Video inputs | 1Vp-p, (C)VBS, 75ohms, BNC (loop-through) |
| Main exits | CVBS, VGA |
| Monitor outputs | 1Vp-p, (C)VBS, 75ohms, BNC |
| Spot monitor | CVBS |
| IP channels | - |
| Audio inputs | - |
| Alarm inputs | 16x TTL, programmable as NC/NO |
| Activity detection | 16x12 grid, Sensitivity levels: 5, Discrimination size: 192 levels |
| Alarm out | On system and disk fail |
| Alarm outputs | 2x Relais contacts (terminal block) |
| Alarm notification | E-Mail, Pager, Remote SW (RAS) |
| Alarm processing | Programmable automatic alarm multiscreens |
| Alarm reset input | 1x TTL |

Specifications (continued)

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|-----------------------------------|---|
| Event Logs | No limit for alarm-in, motion, video loss, text-in |
| System logs | up to 5000, user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors |
| Max. recording resolution | 672 x 272 |
| Resolution | 720x576 Pixels (PAL/Display) |
| Compression standard | MPEG4 |
| Compression standard | MPEG4 (advanced compression engine provides smaller data size without significant picture quality distortion) |
| 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 | 100 B./Sek. |
| Recording speed | 100 Images/sec. at 336x272 Px. / PAL, 50 Images/sec. at 672x272 Px. / PAL |
| Digital storage media | SATA HDD, Built-in DVD-RW |
| Harddisk capacity (internal) | 250 GB |
| Max. harddisk capacity (internal) | 2250 GB |
| Pre-alarm recording | Up to 30min. |
| Post-alarm recording | Up to 15min. |
| Playback | 1, 4, 9, 16 channel Split, PIP |
| Playback speed | 25 images/sec. at CIF (336x272 Px. / PAL) |
| Monitor display | Real time: 25 Fields/sec. (PAL), 30 Fields/sec. (NTSC) per camera |
| Zoom function | 2x |
| Covert camera operation | programmable |
| Integrated writer | DVD |
| Archiving | USB (HDD's, DVD-RW, Flash drive) |
| Secondary Storage | via USB 2.0, Built-in DVD-RW. Network Data Export: Clip Player, AVI, JPG, BMP |
| Control units (external) | System Keyboard, Mouse |
| 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 |
| Scheduling | Different schedule for 7 days per week, programmable holidays, hour-by-hour configuration, time-lapse, event-driven, 2 mixed independent time-lapse schedules |
| Search function | Date/Time, Record table, Calendar, Event, Motion, Museum, Text-In |
| Menu languages | German, English, French, Italian, Spanish, Danish, Polish, Russian, Czech, Hungarian |
| Ethernet interface | 10Base-T/100-Base-TX, RJ-45 |
| Network protocols | TCP/IP, ADSL, DHCP, DVRNS |
| Transmission rate (Network) | 100 ips (CIF), 50 ips (2CIF), PAL |
| Remote configuration | via Web browser |
| Interfaces external storage | USB |
| Interfaces external storage | 2.0 |
| Serial interfaces | RS-232, RS-485 |
| Serial interfaces | RS-485 for telemetry control (proved protocols: eneo-Fastrax, Pelco P&D) or remote keyboard control |



Specifications (continued)

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| 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 | 150W |
| Temperature range (Operation) | +5°C ~ +40°C |
| Housing | Steel metal with plastic front, desktop design |
| Colour | Pantone 427C |
| Dimensions (HxWxD) | 88x430x393mm |
| Weight | 7.4kg |
| Parts supplied | 19" Rack mount kit, Mains cable, Viewer CD ROM (RASplus), Manuals |
| Certificates | CE |

Optional Accessories

| Image | Artikel-Nr. / Typ | Description |
|---|-------------------|--|
|  | DVR-MOUSE | USB Mouse for Recorder Series DTR, DPR and DLR3 |
|  | EDC-KBD1 | System Keyboard with 3-axis Joystick, 12VDC |
|  | EDC-KBDM-3 | System Keyboard w. Joystick, 5" Monitor 12VDC, Fastrax Protocol |
|  | KBD-2 | System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC |
|  | HDD-250SATA-H | Hard Disk Drive 250GB,SATA for DTR-42xx, DTR-61xx, DLR1.1, DLR3-08/16 (SATA) |

Optional Accessories (continued)

| Image | Artikel-Nr. / Typ | Description |
|---|-------------------|--|
|  | 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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