

Video Security

Recorders | eneo Digital Video Recorders

DTR-4116/750CD

Digital Video Recorder (16-Channels)
750GB HDD, CD-RW Drive, Ethernet, 230VAC

Art-No. 72671



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: 200 Fields/Sec. max. (PAL)
750Gbyte EIDE HDDs
Video Resolution 720x576 Pixels max.

SCSI Port for Archiving / Memory Extension
Backup: Archiving and Mirroring
ATM/POS Text Insertion / 2x to 4x Digital Zoom
No Spot Monitor for Triplex Playback required
PTZ Control and Remote Control through RS-485 Port
Ethernet Connectivity / IR Remote Control

Specifications

Operation mode	pentaplex
Video standard	PAL/NTSC (automatic selection)
Video inputs (amount)	16
Video inputs	16x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs
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
Audio inputs	4, 4x line-in, Cinch
Audio output	1x line-out, RCA socket
Alarm inputs	16x TTL, programmable as NC/NO
Activity detection	16x16 grid, Sensitivity levels: 5, Discrimination size: 192 levels
Alarm out	On system and disk fail
Alarm outputs	16x TTL, open collector (terminal block)
Alarm notification	E-Mail, Pager, Remote SW (RAS)
Alarm processing	Programmable automatic alarm multiscreens

(Specifications continued)

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	672 x 272 (2CIF)
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	200HB/Sek.
Recording speed	200 Fields/sec. at CIF (336x272 Px. / PAL), 100 Fields/sec. at 2CIF (672x272 Px. / PAL)
Digital storage media	ATA-2 (EIDE) HDD's, Built-in CD-RW
Max. harddisk capacity (internal)	750GB, 750GByte (3x 250GByte ATA HDD, no further internal HDD's possible)
Harddisk capacity (internal)	750GB
Pre-alarm recording	Up to 30min.
Post-alarm recording	Up to 15min.
Playback	1, 4-, 9-, 16-channel split, PIP
Playback speed	200 Fields/sec. at CIF (336x272 Px. / PAL) and duplex
Monitor display	Real time: 25 Fields/sec. (PAL), 30 Fields/sec. (NTSC) per camera
Zoom function	2x~4x
Covert camera operation	programmable
Intergrated writer	CD
Archiving	With EIDE, SCSI and USB HDD's. Real-time mirroring
Secondary Storage	via USB 2.0, SCSI Interface, or built-in CD-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
Remote Software	For remote administration and search function (RAS plus, supplied with the unit)
Time synchronization	Via Network time protocol. Operation as Network time server
Menu languages	German, English, Italian, French, Spanish, Polish, Russian, Czech, Hungarian
Ethernet interface	10Base-T/100-Base-TX, RJ-45
Transmission rate (Network)	100 Fields/sec. (CIF), 50 Fields/sec. (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.

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(Specifications continued)

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	approx. 7.4kg
Parts supplied	IR Remote control unit, 19" Rack mount kit, Power supply unit 100~240VAC / 2A with Mains cable, Viewer CD ROM (RAS+), Screw set and flat cable for HDD assy, Manuals

Accessories

71919 / HDD-500	Hard Disk Drive 500GB for DLR/DXR/DTR/ DCR and BTR-30xx Series
71857 / HDD-250	Hard Disk Drive 250GB for DLR/DXR/DTR/ DCR and BTR-30xx Series
74088 / EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC/230VAC
74092 / EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC/230VAC, Fastrax Protocol
71902 / DVR-MOUSE	USB Mouse for Recorder Series DTR (DXR), DPR and DLR3
71970 / TS-H652D	CD/DVD Writer DVD+R 48x/18x, CD/DVD ROM for Built-in DTR Series

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