eneo

DLR4-16/8.0TBV

Article-No.: 200007

Digital Video Recorder (16
Channels), H.264, 1.5TB,
400fps, 704x576, DVD-RW

Mainfeatures

Pentaplex operation
Recording speed: 400 ips max.
16 loop-through inputs / VGA, composite outputs
Secondary storage / Archiving via USB 2.0 & DVD RW
Live picture & playback zoom (4x)
IR remote control and mouse control

H.264 video compression standard
Video resolution: 704x576 pixels maximum
Network connectivity (10/100Base-T Ethernet)
Storage capacity: 1500GByte (3 HDDs max.)
Browser access & RASPlus/RAS mobile remote control
PTZ control through RS-485 port

Specifications

Series	eneo DLR
Operation mode	Pentaplex
Operation Mode	live, playback, record, network, backup
Video standard	PAL/NTSC (automatic selection)
Video inputs (amount)	16
Video inputs	1Vp-p, (C)VBS, 75ohms, BNC (loop-through)
Main video outputs	VGA, composite (CVBS)
Video outputs	1Vp-p, 75ohms, BNC
Spot monitor	composite (CVBS)
IP channels	-
Audio inputs	-
Alarm inputs	16x TTL, programmable as NC/NO
Motion detector	32x24 (768) grid per camera, Sensitivity levels: 5. Minimum size for detection: 256 levels. Video signal obscuration and video signal blind dtection.
Covert camera mode	available
Alarm triggers	on system and disk fail, acoutic

Specifications (continued)

Alarm outputs	2x NO/NC contact
Alarm notification	e-mail, remote software (RASplus), callback
Alarm reset input	TTL input
Event logs	no limit for alarm-in, motion, video loss, text-in
Max. recording resolution	704 x 576
Compression standard	H.264
Compression standard	(H.264: advanced compression engine provides smaller data size without significant picture quality distortion)
Max. recording rate	400 B./Sek.
Max. recording rate	@ 352 x 288
Digital storage media	SATA hard disk
Harddisk capacity (internal)	4,5 TB
Max. harddisk capacity (internal)	6 TB
Recording	permanent, movement, timer, panic, event
Digital signature	watermark
Pre-alarm recording	up to 30min.
Post-alarm recording	up to 15min.
Playback	full screen, 4 channel split, 9 channel split, 16 channel split, PiP
Playback speed	400 ips. at CIF (352x288 Px.), 200 ips. at 2CIF (704x288 Px.), 100 ips. at 4CIF (704x576 Px.) / PAL
Zoom function	2x~4x
Search function	date/time, record table, calendar, event, motion, museum, text-in
Intergrated writer	no
Secondary Storage	USB 2.0 interface. Network Data Export: AVI, JPG, BMP
Control units (external)	system keyboard, mouse
Remote access	remote software, Microsoft Internet Explorer
Mobile access	iPhone, PDA
Menu languages	German, English, French, Italian, Spanish, Dutch, Danish, Polish, Russian, Czech, Hungarian
Network	10/100 Base-Tx, RJ45
Network protocols	TCP/IP, DHCP, SMTP, PPPoE
Transmission rate (Network)	100 ips (CIF), 50 ips (2CIF), PAL
Interfaces external storage	USB
Interfaces external storage	2x 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.
Password protection	64 groups, 256 users
Supply voltage	100VAC ~ 240VAC, 0.6A 50/60Hz
Power consumption	40W
Temperature range (operation)	+5°C ~ +40°C
Housing	Steel metal with plastic front, desktop design
Colour	Pantone 427C
Dimensions (HxWxD)	88x430x405mm
Weight	7.4kg
Parts supplied	manuals, IR remote controller, 19" rack mount angle, power cord, Viewer CD ROM (RASplus)

Specifications (continued)

Certificates	CE

Optional Accessories

Image	Artikel-Nr. / Typ	Description
	EDC-KBDM-3	System Keyboard w. Joystick, 5" Monitor 12VDC, Fastrax Protocol
	EDC-KBD1	System Keyboard with 3-axis Joystick, 12VDC
	KBD-2	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
	KBD-NSC-100	Network System Controller with 3-Axis Joystick and Jog Shuttle, 5VDC
	DVR-MOUSE	USB Mouse for Recorder Series DTR, DPR, BLR and DLR3/4 - PS/2, USB
	USB-8COM	Serial Text Interface Converter 8x RS232 for DLR-/DTR-/DPR-/DMR-series
	RAS+	Remote Administration Interface Software for DLR, DMR, DTR, DCR, DPR, DIR DVRs

Optional Accessories (continued)

Image	Artikel-Nr. / Typ	Description
	RAS MOBILE	PDA Remote Monitoring Software for DLR, DMR, DCR, DTR, DPR Recorders
	HDD-2000SATA	Hard Disk Drive 2TB, SATA for eneo BLR, DLR, DMR Series

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