

# DMR-5016/4.5

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DMR-5016/4.5  
Digital Video Recorder (16 Channels), 4.5TB,  
H.264, 400fps, 704x576, Audio

**Art-Nr. 200171**



## Main Features

H.264 video compression / pentaplex operation	5 internal harddisks maximum
Recording in real-time (400fps@704x576)	16 x audio inputs, 1 x audio output
Full HD monitor support (1920 x 1080)	USB 2.0, RS-485, RS-232 interfaces
3 x multiscreen monitor output	Simultaneous Live & Playback on main monitor
eSATA and iSCSI connectors	Hard disk mirroring as a standard
Integrated DVD-RW drive	ATM/POS text insertion/ 2x to 4x digital zoom

## Specifications

Series	eneo DMR
Operation mode	Pentaplex
Video standard	PAL / NTSC (auto selection)
Video inputs (amount)	16
Video inputs	1Vp-p, (C)VBS, 75ohms, BNC (loop-through)
IP channels	-
Main video outputs	HDMI, 2x VGA, 2x composite
Video outputs	VGA/HDMI up to 1920x1080 pixels maximum
Spot monitor	1x composite (CVBS)
Audio inputs	16, 4x RCA, 12x DSUB
Audio output	1x RCA
Alarm inputs	16x TTL, programmable as NC/NO

## DMR-5016/4.5

(Continuation Specifications)

<b>Motion detector</b>	Programmable grid 32x24 (768 per camera), 5 sensitivity levels, adjustable minimum field size, video signal obscuration and video signal blind detection
<b>Covert camera mode</b>	available
<b>Alarm triggers</b>	contact, video loss, motion detection, system and disk fail, on-screen and/or via alarm output, acoustic
<b>Alarm outputs</b>	4x relais contacts (125VAC, 2A; 30VDC, 1A)
<b>Alarm notification</b>	e-mail, remote software
<b>Alarm reset input</b>	TTL input
<b>Event logs</b>	up to 5000
<b>Max. recording resolution</b>	704x576
<b>Compression standard</b>	H.264
<b>Max. recording rate</b>	400 B./Sek., @ 704 x 576
<b>Recording speed</b>	400 fps @ 352 x 288, 400 fps @ 704 x 288, 400 fps @ 704 x 576
<b>Digital storage media</b>	SATA hard disk
<b>Number of HDD (internal)</b>	in case the eSATA connector is not used, up to 5 harddisks possible
<b>Harddisk capacity (internal)</b>	4,5 TB
<b>Max. harddisk capacity (internal)</b>	10 TB
<b>Recording</b>	permanent, contact, movement, timer, event
<b>Digital signature</b>	watermark
<b>Pre-alarm recording</b>	yes
<b>Post-alarm recording</b>	yes
<b>Playback</b>	full screen, 4 channel split, 9 channel split, 16 channel split
<b>Patrol mode</b>	yes
<b>Playback speed</b>	400 fps @ 352 x 288, 200 fps @ 704 x 288, 100 fps @ 704 x 576
<b>Zoom function</b>	in full screen mode (live and playback operation)
<b>Search function</b>	date/time, record table, calendar, event, motion, museum, text
<b>Integrated writer</b>	DVD
<b>Secondary Storage</b>	via USB 2.0, Built-in CD-RW. Network Data Export: Clip Player, AVI, JPG, BMP
<b>Control units (external)</b>	system keyboard, mouse
<b>Remote access</b>	remote software, Microsoft Internet Explorer
<b>Mobile access</b>	iPhone, PDA
<b>Time synchronization</b>	NTP
<b>Menu languages</b>	German, English, French, Italian, Spanish, Polish, Hungarian, Czech, Danish, Russian
<b>Network</b>	10/100/1000 Base-Tx, RJ45
	IPv4
<b>Network protocols</b>	HTTP, TCP, SMTP, NTP
<b>Firmware update</b>	via remote software, USB Flash drive
	BNC

## DMR-5016/4.5

(Continuation Specifications)

<b>Interfaces external storage</b>	USB, eSATA, iSCSI
<b>Serial interfaces</b>	RS-485, RS-232
<b>Serial interfaces protocols</b>	Fastrax IIE, Pelco D, Pelco P
<b>Text insertion interface</b>	ATM/POS
<b>Password protection</b>	64 groups, 256 users
<b>Key locking</b>	no
<b>Operation system</b>	Embedded Linux
<b>Supply voltage</b>	100-240VAC
<b>Power consumption</b>	70W
<b>Temperature range (operation)</b>	+5°C ~+40°C
<b>Housing</b>	Metal with plastic front (19" rack ears provided)
<b>Colour</b>	black
<b>Dimensions (HxWxD)</b>	90x430x492mm
<b>Weight</b>	10.0 kg
<b>Parts supplied</b>	IR remote controller, PSU, 19" rack mount angle, remote viewer software, manual
<b>Certificates</b>	CE

### Optional accessories

<b>74149</b>	<b>KBD-2</b>	System Keyboard with 3-Axis Joystick and Jog Shuttle, 12VDC
<b>74746</b>	<b>KBD-NSC-100</b>	Network System Controller with 3-Axis Joystick and Jog Shuttle, 5VDC
<b>71922</b>	<b>RAS+</b>	Remote Administration Interface Software for DLR, DMR, DTR, DCR, DPR, DIR DVRs
<b>71902</b>	<b>USB-MOUSE</b>	USB Mouse for Recorder Series DMR, DPR, BLR and DLR3/4 - PS/2, USB
<b>72952</b>	<b>HDD-1000SATA-H2</b>	Hard Disk Drive 1TB, SATA for eneo BLR, DLR, DMR Series
<b>72745</b>	<b>RAS MOBILE</b>	PDA Remote Monitoring Software for DLR, DMR, DCR, DTR, DPR Recorders
<b>200080</b>	<b>VMC-22LCD</b>	22"(56cm) LCD/TFT Monitor, Full HD, 1920x1080, 3D-Comb Filter, HDMI, DVI-D, VGA
<b>72975</b>	<b>HDD-500SATA-H</b>	Hard Disk Drive 500GB, SATA, for eneo BLR, DLR, DMR Series
<b>72998</b>	<b>HDD-2000SATA</b>	Hard Disk Drive 2TB, SATA for eneo BLR, DLR, DMR Series
<b>72934</b>	<b>USB-8COM</b>	Serial Text Interface Converter 8x RS232 for DLR-/DTR-/DPR-/DMR-series
<b>72999</b>	<b>DMR-104/EXTENS</b>	External Harddisk Extension (4xSATA), eSATA Connector, 19"

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