

# Video Security

Recorders | eneo Digital Video Recorders

## DCR-16N/250DVD

Digital Video Recorder (16-Channels),  
250GB HDD, DVD-RW, Duplex, 230VAC

Art-No. 71954



## Features

MPEG-4 Video Compression / Pentaplex Operation  
16 Video Inputs / VGA, Composite/S-VHS Outputs  
Audio In/Output, Alarm In/Outputs  
Recording/Playback Speed: 200/400 Fields/Sec. max.  
250Gbyte EIDE HDD (Extentable to 6 HDD max.)  
Video Resolution 640x480 Pixels max. (Recording)

USB, Parallel, RS-232 and Ethernet Ports  
Programmable Alarm Priorities, Pre-Alarm Recording  
Secondary Storage / Archiving via USB and DVD-RW  
Remote Monitoring, Playback and Configuration  
Supports PTZ and Camera Control  
Ethernet Connectivity

## Specifications

Operation mode	duplex
Video standard	PAL/NTSC selectable
Video inputs (amount)	16
Video inputs	16x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs
Main exits	CVBS, Y/C, VGA, DVI-D
Monitor outputs	9x 1Vp-p, (C)VBS, 75ohms, BNC 1x S-Video VGA
Spot monitor	CVBS
Audio inputs	1, 1x line-in (3.5mm Stereo jack)
Audio output	1x line-out, 3.5mm socket
Alarm inputs	16x switch closure or TTL, programmable as NC/NO
Activity detection	40x30 (1200) grid
Alarm out	On system and disk fail
Alarm outputs	1x relay, 16x TTL open collector (terminal block)
Alarm notification	E-mail, callback
Alarm processing	Programmable automatic alarm multiscreens
System logs	Up to 5,000 for user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors

**DCR-16N/250DVD**

(Specifications continued)

<b>Max. recording resolution</b>	704 x 480
<b>Resolution</b>	704x480, 704x240, 252x240, 176x120 (PAL)
<b>Compression standard</b>	ML-JPEG, MPEG4
<b>Image size</b>	At 50Fields/sec.: 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
<b>Max. recording rate</b>	200HB/Sek.
<b>Recording speed</b>	200 Fields/sec.
<b>Digital storage media</b>	EIDE HDD's, Built-in DVD-RW
<b>Max. harddisk capacity (internal)</b>	3000GB, 250GByte EIDE HDD, expandable to up to 3 (6) internal HDD's (2nd. IDE controller necessary for up to 4-6 HDD's)
<b>Harddisk capacity (internal)</b>	250GB
<b>Pre-alarm recording</b>	Up to 1min.
<b>Post-alarm recording</b>	Up to 5min.
<b>Playback</b>	Full, Quad, 3+4, 3x3, 2+8 and 4x4 split
<b>Playback speed</b>	400 Fields/sec.
<b>Zoom function</b>	2x~4x
<b>Covert camera operation</b>	programmable
<b>Intergrated writer</b>	DVD
<b>Control units (external)</b>	PC keypad
<b>Remote access</b>	remote software, browser
<b>Remote Software</b>	For remote administration and search function (supplid with the unit)
<b>Time synchronization</b>	Via network time protocol
<b>Menu languages</b>	English, German
<b>Ethernet interface</b>	10Base-T/100-Base-TX, RJ-45
<b>Interfaces external storage</b>	USB, 6x USB 2.0
<b>Backup</b>	Internal DVD-RW
<b>Serial interfaces</b>	RS-485, RS-232, RS-485 for telemetry control: Eneo-Fastrax, Pelco P/D, etc.)
<b>Text insertion interface</b>	ATM/POS
<b>Security</b>	User groups access rights programmable for each group
<b>Supply voltage</b>	24VDC (PSU 100VAC~240VAC, 60/50Hz included)
<b>Power consumption</b>	approx. 800watts
<b>Temperature range (Operation)</b>	+5°C ~ +40°C
<b>Housing</b>	19" rack mount, steel metal
<b>Colour</b>	antracite
<b>Dimensions (HxWxD)</b>	180x440x507mm
<b>Weight</b>	approx. 20kg
<b>Parts supplied</b>	Keyboard, Mains cable, Viewer CD ROM (RAS+), PS-2 mouse, Screw set and flat cable for HDD assy, 15-pin Video adapter, Manuals

Accessories

71857 / HDD-250

Hard Disk Drive 250GB for DLR/DXR/DTR/ DCR and BTR-30xx Series

71919 / HDD-500

Hard Disk Drive 500GB for DLR/DXR/DTR/ DCR and BTR-30xx Series

Product Information

Hitachi hard disks that are designated as accessories are intended to be used for the purpose of expanding internal storage capacity and may not be used in combination with other models from Hitachi or from other manufacturers.  
250GB: HDT725025VLAT80 500GB: HDT725050VLAT80