

## Digital Video Recorder NV-DVR5009/CD



### Features

- PENTAPLEX: simultaneous recording, live monitoring, playback, archiving and networking
- Operating system based on Linux
- Real-time display
- Recording speed: up to 200 fps
- MPEG-4 compression (4 levels)
- Recording resolution:
  - 360 (H) x 288 (V)
  - 720 (H) x 288 (V)
- 4 spot monitor outputs fully controlled
- Storage of max. 9 TB
- Recording speed and resolution defined individually for each camera and each recording mode
- Advanced schedule recording & motion detection functions
- Pre- & post-alarm functions
- 4-channel real-time audio recording
- External devices support ("Text-in" feature): ATM, POS, AC etc.
- Advanced search functions of recorded images
- PTZ control directly from the device or through the network
- Possibility of controlling NOVUS® cameras equipped with RS-485 interface
- Protocol: Novus-C, Novus-C1, Pelco-D and others
- NV-KBD60 & NV-KBD30 keyboards compatible
- Built-in CD-RW drive
- Backup: CD-RW drive & external HDDs through USB port, USB Flash Memory, network
- Networking (simultaneous connections with multiple DVRs, real-time audio transmission and alarm e-mail notification)
- Software:
  - IRAS application for remote connection with single or multiple DVRs through the network (full DVR administration, live monitoring and recorded data search)
  - iMap application that allows the user to create graphic interfaces based on own site schemes (object map editor included)
- Self-diagnostic functions with automatic notification
- User friendly multi-lingual OSD
- Covert camera function
- Power supply: 100~240 VAC

Specifications	Description
Operation Mode	PENTAPLEX
Operating System	Linux
Video Input	9 x BNC loop-through, 1.0 Vp-p/75 Ohm
Video Output	1 Main Monitor output (BNC, Y/C and/or VGA), 4 Spot Monitor output (BNC)
Alarm Input	9
Alarm Output	9, OC

Specifications	Description
Audio Input	4 x RCA
Audio Output	1 x RCA
Recording Speed	Up to 100 fps for 720 (H) x 288 (V), 200 fps for 360 (H) x 288 (V)
Compression	MPEG-4 - own algorithm (4 quality levels)
Recording Resolution	720 (H) x 288 (V) and 360 (H) x 288 (V) - defined individually for each channel
Recording Mode	Time-lapse, Event (Alarm, Motion detection and/or "Text-in")
Display Speed	225 fps (real-time)
Display Screen	Full screen, 4, 9, PiP, sequence, user defined, freeze image function, digital zoom of a chosen screen area: x2, x3, x4
Motion Detection	256 detection windows (16x16 grid) with sensitivity, active areas size & cells number needed for alarm activation defined individually for each channel, additional disappeared object detection function
Video Loss Detection	Yes
Schedule Recording	Individually adjustable for each day/specific days (holidays etc.) per camera, combination of individual recording modes possibility
Recorded Data Search	By date/time or events (motion, disappeared object, "Text-in")
Event History Log	Up to 10 000 alarm events
Time Synchronization	Automatic time synchronization with NTP server
System Diagnostic	Automatic control of HDD bad sectors number ("Health") & temperature status with local and network notification function
Storage	Max. 9 TB - supports up to 3 internal HDDs (max. 500 GB each) and external HDDs through SCSI port
Backup	CD-RW drive & external HDDs through USB port, USB Flash Memory, network backup
Archiving	Automatic archiving onto internal & external HDDs connected through USB or SCSI ports
CD-RW Drive	Built-in
External Ports	1 x Ethernet - RJ-45 interface, 3 x USB 2.0 for external drives (HDD, PC mouse, Flash Memory, POS, ATM, AC etc.) 1 x SCSI for external HDDs, 1 x RS-485 for PTZ cameras, NV-KBD60 & NV-KBD30 keyboards, POS, ATM, AC etc. 1 x RS-232 for POS, ATM, AC etc.
PTZ Functions	PTZ cameras control directly from the device without an additional keyboard or through the network (IRAS, iMap, IE browser)
Protocol	Novus-C, Novus-C1, Pelco-D
Control	Front panel, Network (IRAS, iMAP), NV-KBD60 & NV-KBD30 keyboards
Set-up	Multi-lingual On Screen Display (OSD)
Software	IRAS, iMAP
User Authorization	Multi-level password protection
Auto System Recovery	Hardware WATCHDOG function
Power Supply	100~240 VAC
Power Consumption	Approx. 100 W with 4 HDDs
Operating Temperature	5°C ~ 40°C
Relative Humidity	0 % ~ 80 % (non-condensing)
Dimensions (mm)	430 (W) x 88 (H) x 403 (D)
Weight	10.2 kg (without HDD)
Rack Mount	Yes
*	Lista zalecanych modeli i pojemności dysków dostępna w załączniku „Kompatybilne dyski”