

Digital Video Recorder

NV-DVR5816/DVD



- Recording speed: up to 400 fps for 720 x 288 - „real-time recording” DVR
- 16-channel audio recording, remote listening through the network
- External devices support (“Text-in” feature): ATM, POS, AC etc.
- Effective copying in the „mini-bank” format
- Graphical object visualization (maps)
- Archiving and Mirroring

MPEG-4 compression
D1 Recording resolution
System self-diagnostic
Pre-alarm function (up to ½ h)

NV-DVR5816/DVD digital video recorder features the most advanced technical parameters among recorders available on the market. High stability and trouble-free continuous operation are the biggest advantages of 5000 Series DVRs, which - in connection with expanded self-diagnostic functions of recorders' processes and automatic notification - enable installation of the devices in objects of the highest safety requirements.

All 5000 Series DVRs are based on the same hardware and software solutions. Differences among particular models refer mainly to recording speed.

NV-DVR5816/DVD recorder work in full pentaplex mode that allows for simultaneous recording (4 HDDs in Hot Swap drives), live monitoring, playback, networking and archiving/mirroring of the recorded data.

Specifications

Model	NV-DVR5816/DVD
Operation Mode	PENTAPLEX
Video Input	16 x BNC, loop-through
Video Output	Main Monitor (1 x BNC, 1 x S-Video, 1 x VGA), Spot Monitor (4 x BNC)
Alarm Input/Output	16/12 OC, 4 relay outputs
Audio Input/Output	16 x RCA/1 x RCA
Recording Speed	Up to 400 fps (720 x 288, 360 x 288), up to 200 fps (720 x 576)
Compression	MPEG-4 - own algorithm
Recording Resolution	720 x 576, 720 x 288, 360 x 288
Recording Mode	Time-lapse, Event (Alarm, Motion detection, Object detection and/or "Text-in")
Motion Detection	616 detection windows (28x22 grid) with sensitivity & active areas cells number needed for alarm activation defined individually for each channel
Schedule Recording	Individually adjustable for each day/specific days (holidays etc.) per camera, combination of individual recording modes possibility
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. 18 TB - supports up to 4 SATA HDDs installed in Hot Swap drives and external HDDs through SCSI port, 1 HDD 250 GB in-set included
Backup	Onto CD/DVD, HDD or USB Flash Memory through USB port, through the network
Archiving	Automatic archiving onto internal or external HDD connected through SCSI or USB port
Mirroring	Automatic backup onto internal HDDs
DVD-RW Drive	Built-in
External Ports	1 x Ethernet - RJ-45 interface, 10/100 Mbits/s 3 x USB 2.0 for external drives (HDD, PC mouse, Flash Memory), 1 x SCSI for external HDDs, 2 x RS-485 for PTZ cameras or NV-KBD60 & NV-KBD30 keyboards 2 x RS-232 for POS, ATM, AC etc.
PTZ Control	Directly from the device or through the network (RASplus, IE)
Protocol	Novus-C, Novus-C1, Pelco-D and others
Control	Front panel, IR remote control (in-set included), Network (RASplus, IE), NV-KBD60 & NV-KBD30 keyboards, USB PC mouse
Set-up	Multi-lingual On Screen Display (OSD)
Software	RASplus, N-Tool
User Authorization	Creation of user groups and accounts with diverse grants, password protection
Power Supply	100 ~ 240 VAC