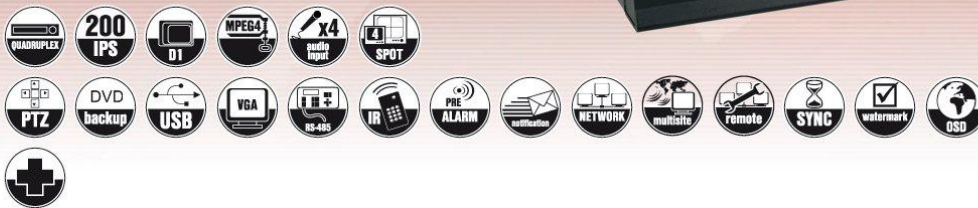


Digital Video Recorder NV-DVR4616(S)/D



Features

- QUADRUPLEX: simultaneous recording, live monitoring, playback and networking
- Operating system based on Linux
- Real-time display
- Recording speed: up to 200 fps
- MPEG-4 compression
- Recording resolution:
 - 704 x 576
 - 704 x 288
 - 352 x 288
- Supports up to 3 SATA HDDs
- Recording resolution, speed and quality defined individually for each camera
- Advanced schedule recording & motion detection functions
- Pre- & post-alarm functions
- 4-channel real-time audio recording
- Advanced search functions of recorded images
- PTZ control directly from the device or through the network
- Protocol: Novus-C, Pelco-D and others
- NV-KBD70, NV-KBD30 keyboards compatible
- Built-in DVD-RW drive
- Backup: onto HDD or USB Flash Memory through USB port, CD/DVD & through the network
- Networking (simultaneous connections with multiple DVRs and alarm e-mail notification)
- Software: N-Viewer4000 application for remote administration, live monitoring and recorded data search
- Self-diagnostic functions with automatic notification
- User friendly multi-lingual OSD
- Covert camera function
- IR remote control and PC mouse control
- Power supply: 100 ~ 240 VAC

Specifications	Description
Operation Mode	QUADRUPLEX
Operating System	Linux
Video Input	16 x BNC, loop-through
Video Output	Main Monitor (1 x BNC, 1 x VGA, 1 x S-Video), Spot Monitor (4 x BNC)
Alarm Input	16
Alarm Output	16
Audio Input	4 x RCA
Audio Output	1 x RCA
Recording Speed	Up to 200 fps (352 x 288), up to 100 fps (704 x 288), up to 50 fps (704 x 576)
Compression	MPEG-4 - own algorithm

Specifications	Description
Recording Resolution	704 x 576, 704 x 288, 352 x 288
Recording Mode	Time-lapse, Event (Alarm, Motion detection)
Display Speed	400 fps (real-time)
Display Screen	Full screen, 4, 6, 9, 13, 16, sequence, user defined, freeze image function, digital zoom of a chosen screen area
Motion Detection	264 detection windows (16x16 grid) with sensitivity defined individually for each channel
Video Loss Detection	Yes
Schedule Recording	Individually adjustable for each day/week per camera, combination of individual recording modes possibility
Recorded Data Search	By date/time or events
Event History Log	Up to 60 000 000 alarm events
Time Synchronization	Automatic time synchronization with NTP server
System Diagnostic	Automatic control of HDD with local and network notification function (e-mail)
Storage	Supports up to 3 internal SATA HDDs*
Backup	Onto CD/DVD, HDD or USB Flash Memory through USB port, through the network
DVD-RW Drive	Built-in
External Ports	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s, 3 x USB 2.0 for external drives (HDD, PC mouse, Flash Memory), 1 x RS-485 for PTZ cameras and/or NV-KBD70, NV-KBD30 keyboards, 1 x RS-232 for service purposes
PTZ Functions	PTZ cameras control directly from the device and through the network (N-Viewer4000, IE)
Protocol	Novus-C, Pelco-D and others
Control	Front panel, IR remote control (in-set included), Network (N-Viewer4000, IE), NV-KBD70, NV-KBD30 keyboards, USB PC mouse
Set-up	Multi-lingual On Screen Display (OSD)
Software	N-Viewer4000
User Authorization	Creation of user groups and accounts with diverse grants, password protection
Auto System Recovery	Hardware WATCHDOG function
Power Supply	100 ~ 240 VAC
Power Consumption	Approx. 100 W with 3 HDDs
Operating Temperature	5°C ~ 40°C
Relative Humidity	0% ~ 80% (non-condensing)
Dimensions (mm)	430 (W) x 88 (H) x 450 (D)
Weight	8.1 kg (without HDD)
Rack Mount	Standard EIA 19", 2U
*	The list of recommended disks models and thier capacity is available in the compatible disks file