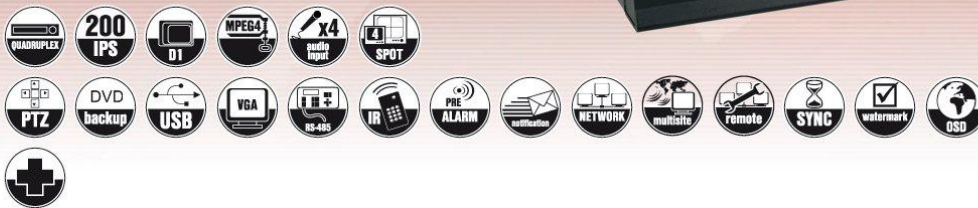


Digital Video Recorder NV-DVR4616(S)/D



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 |