

## Digital Video Recorder NV-DVR5508/DVD



### Features

- PENTAPLEX: simultaneous recording, live monitoring, playback, archiving/mirroring and networking
- Operating system based on Linux
- Real-time display
- Recording speed: up to 200 fps
- TRIPLEX function: simultaneous recording, live monitoring and playback of a chosen camera on the main monitor
- MPEG-4 compression
- Recording resolution:
  - 720 x 576
  - 720 x 288
  - 360 x 288
- 4 spot monitor outputs with matrix switcher function (16 x 4)
- Storage of max. 9 TB, 1 HDD 250 GB in-set included
- 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
- 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 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: RASplus application (for remote administration, live monitoring and recorded data search) with a built-in module for graphical object visualization (maps)
- 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      | 8 x BNC, loop-through  |
| Video Output     | 1 Main Monitor output (BNC, Y/C and/or VGA), 4 Spot Monitor output (BNC) |
| Alarm Input      | 8  |
| Alarm Output     | 7 OC, 1 relay outputs  |
| Audio Input      | 4 x RCA  |

| Specifications        | Description  |
|-----------------------|--|
| 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 576 (v), 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         | 200 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<br>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. 1 TB each) 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 & external HDDs connected through USB or SCSI ports  |
| Mirroring             | Automatic archiving onto internal or external HDD connected through SCSI or USB port   |
| DVD-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.)<br>1 x SCSI for external HDDs, 1 x RS-485 for PTZ cameras, NV-KBD60 & NV-KBD30 keyboards, POS, ATM, AC etc.<br>1 x RS-232 for POS, ATM, AC etc. |
| PTZ Functions         | PTZ cameras control directly from the device and through the network (RASplus, IE)   |
| Protocol              | Novus-C, Novus-C1, Pelco-D   |
| 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  |
| 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            | Standard EIA 19", 2U   |
| *                     | The list of recommended disk models and their capacity is available on Novus website in the compatible disks file in the products tab  |