

Digital Video Recorder NDR-EA4208



Features

- PENTAPLEX: simultaneous recording, live monitoring/playback, backup, mirroring and networking
- Operating system based on Linux
- Real-time display
- Recording speed: up to 200 fps
- H.264 compression
- Recording resolution:
 - 720 x 576
 - 720 x 288
 - 360 x 288
- 4 spot monitor outputs with matrix switcher function (16 x 4)
- Supports up to 3 SATA HDDs (4th HDD installation possible with additionally purchased mounting kit)
- Recording speed and quality defined individually for each camera
- Advanced schedule recording & motion detection functions
- Pre- & post-alarm functions
- Recording time estimation function
- 8-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
- Protocols: N-Control, Pelco-D, Pelco-P and others
- NV-KBD70 & NV-KBD30 keyboards compatible
- Possibility of installing DVD-RW drive (option)
- Backup: onto HDD or USB Flash Memory through USB port, CD/DVD (option) & through the network
- Networking (simultaneous connections with multiple DVRs and alarm e-mail notification)
- Software: E-Viewer application for remote administration, live monitoring and recorded data search with a built-in callback module (E-Viewer Callback), iMon application for live monitoring, receiving information on alarm events, alarm output control, DVR configuration from iPhone and Android OS devices
- Self-diagnostic functions with automatic notification
- User friendly multi-lingual OSD
- Covert camera function
- IR remote control and PC mouse control (in-set included)
- Power supply: 12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)

| Specifications | Description |
|------------------|---|
| Operation Mode | PENTAPLEX |
| Operating System | Linux |
| Video Input | 8 x BNC, loop-through |
| Video Output | Main Monitor (1 x BNC, 1 x VGA), Spot Monitor (4 x BNC) |
| Alarm Input | 8 |
| Alarm Output | 4 OC, 4 relay output |

| Specifications | Description |
|-----------------------|---|
| Audio Input | 4 x RCA (Line-in), 4 x RCA (Microphone) |
| Audio Output | 1 x RCA |
| Recording Speed | Up to 200 fps (360 x 288), up to 100 fps (720 x 288), up to 50 fps (720 x 576) |
| Compression | H.264 |
| Recording Resolution | 720 x 576, 720 x 288, 360 x 288 |
| 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, digital zoom of a chosen screen area: 2x, freeze image function |
| Motion Detection | 256 detection windows (16x16 grid) with sensitivity defined individually for each channel |
| 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, events or "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 | Supports up to 3 SATA HDDs* (4th HDD installation possible with additionally purchased mounting kit) |
| Backup | Onto CD/DVD (option), HDD or USB Flash Memory through USB port, through the network |
| Mirroring | Automatic backup onto internal HDDs |
| External Ports | 1 x Ethernet - RJ-45 interface, 10/100 Mbits/s, 3 x USB 2.0 for external drives (HDD, Flash Memory), 1 x USB 1.1 for PC mouse, 1 x RS-485 & 1 x RS-232 for PTZ cameras, NV-KBD70 & NV-KBD30 keyboards, POS, ATM, AC etc. |
| PTZ Functions | Directly from the device or through the network |
| Protocol | N-Control, Pelco-D, Pelco-P and others |
| Control | Front panel, IR remote control (in-set included), Network (E-Viewer, iMon, IE), NV-KBD70 & NV-KBD30 keyboards, USB PC mouse (in-set included) |
| Set-up | Multi-lingual On Screen Display (OSD) |
| Software | E-Viewer, iMon |
| User Authorization | Creation of user groups and accounts with diverse grants, password protection |
| Auto System Recovery | Hardware WATCHDOG function |
| Power Supply | 12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included) |
| Power Consumption | Approx. 80 W with 4 HDDs |
| Operating Temperature | 5°C ~ 40°C |
| Relative Humidity | 0% ~ 80% (non-condensing) |
| Dimensions (mm) | 430 (W) x 88 (H) x 428 (D) |
| Weight | 6 kg (without HDD) |
| Rack Mount | Standard EIA 19", 2U |
| * | The list of recommended disk models and their capacity is available on Novus Security website in the Compatible Disks file in the product tab |