

## Digital Video Recorder NDR-HA1104



### Caracteristici

- QUADRUPLEX: simultaneous recording, live monitoring or playback, backup and networking
- Operating system based on Linux
- Real-time display
- Recording speed: up to 100 fps
- H.264 and MPEG-4 compression (selectable)
- Recording resolution:
  - 720 x 288
  - 360 x 288
- Supports 1 SATA HDD
- Recording resolution, speed and quality defined individually for each camera
- Advanced schedule recording & motion detection functions
- Post-alarm function
- Advanced search functions of recorded images
- PTZ control directly from the device or through USB port, CD & through the network
- Possibility of controlling NOVUS® cameras equipped with RS-485 interface
- Protocol: Novus-C1, Pelco-D and others
- Backup: through USB port onto HDD, CD/DVD & through the network or USB Flash Memory
- Networking (simultaneous connections with multiple DVRs and alarm e-mail notification)
- Software: RASplus application (for remote administration, live monitoring and data search) with a built-in module for graphical object visualization (maps), RASmobile application (for mobile devices (PDA) based on Windows Mobile OS, for viewing camera images)
- Self-diagnostic function
- User friendly multi-lingual OSD
- Power supply: 100 ~ 240 VAC

Specificatii	Description
Mod de operare	QUADRUPLEX
Sistem de operare	Linux
Intrare Video	4 x BNC
Iesire video	Main Monitor (1 x BNC, 1 x VGA)
Intrare Alarm	4
Iesire Alarm	1 relay output
Viteza Inregistrare	Up to 100 fps (360 x 288), up to 50 fps (720 x 288)
Compresie	H.264 and MPEG-4 own algorithm (selectable)
Rezolutie Inregistrare	720 x 288, 360 x 288
Mod de inregistrare	Time-lapse, Event (Alarm, motion detection)
Viteza de afisare	100 fps (real-time)
Afisajul	Full screen, 4, sequence, freeze image function, digital zoom of a chosen acreen area: 2x

Specificatii	Description
Detectarea de miscare	192 detection windows (16x12 grid) with sensitivity & active areas cells number needed for alarm activation defined indyvidually for each channel
Detectare pierdere semnal video	tak
Programarea inregistrarii	Indyvidually adjustable for each day per camera, combination of individual recording modes possibility
Cautarea inregistrarilor	By date/time or events
Jurnal de evenimente	Up to 5 000 alarm events
Diagnostic System	Automatic control of HDD bad sectors number („Health”) & temperature status with notification function
Depozitare	Supports 1 SATA HDD*
Backup	Through USB port onto HDD, CD/DVD & through the network or USB Flash Memory
Port-uri externe	1 x Ethernet - RJ-45 interface, 10/100 Mb/s, 1 x USB 2.0 for external drives (HDD, CD-RW, Flash Memory), 1 x RS-485 for PTZ cameras
Functii PTZ	Directly from device or through the network (RASplus, RASmobile, IE)
Protocol	Novus-C1, Pelco-D i others
Control	Front panel, Network (RASplus, RASmobile, IE)
Programare	Multi-lingual On Screen Display (OSD)
Software	RASplus, RASmobile
Autentificare utilizator	Yes
Auto System Recovery	Hardware WATCHDOG function
Alimentare	100 ~ 240 VAC
Consum	Approx. 20 W with 1 HDD
Temperatura de lucru	5°C ~ 40°C
Umiditate	0% ~ 90% (non-condensing)
Dimensiuni (mm)	430 (W) x 46,5 (H) x 310 (D)
Greutate	2,4 kg (without HDD)
*	The list of recommended disk models and their capacity is available on Novus Security website in the compatible disk file in the product tab."