Professional solution for your security systems

Digital Video Recorder
NDR-BA4104-II

B series

Features

- Quadruplex: simultaneous recording, live monitoring, playback or backup and networking
- Operating system based on Linux
- Real-time display
- 1080p HDMI socket
- Recording speed: up to 100 fps
- H.264 compression
- Recording resolution: 720 x 576, 720 x 288, 360 x 288
- Advanced schedule recording & motion detection functions
- Pre-alarm & post-alarm functions
- Audio recording
- PTZ control directly from the device or via the network
- Control protocols: N-Control, Pelco-D, Pelco-P and other
- Supports remote control by NV-KBD70 and NV-KBD30 keyboards
- Supports up to 1 SATA HDDs
- S.M.A.R.T. function
- Backup on to USB Flash Memory through USB port & via the network
- Backup as .AVI files
- Advanced search of recorded images (by time or event)
- Networking (live monitoring, playback, archiving & alarm event e-mail notification, changing DVR's settings via the IE web browser)
- Dual stream; two independent network streams (SUBSTREAM and MASTERSTREAM) for each channel
- Software: CMS application for remote administration, live monitoring and recorded data search
- User friendly multi-lingual graphical user interface
- Mobile platforms supported
- Mask function
- Event log
- Snapshot function exporting current frame to the .jpg file
- Supports importing/exporting settings
- IP addresses filtering function
- IR remote and PC mouse control (in-set included)
- Power supply: 12 VDC (100 ~ 240 VAC/12 VDC PSU in-set included)

Specifications	Description
Operation Mode	QUADRUPLEX
Operating System	Linux
Video Input	4 x BNC
Video Output	Main monitor (1 x BNC, 1 x VGA, 1 x HDMI)
Audio Input	2
Audio Output	1
Recording Speed	Up to 100 fps (720 x 576)

Specifications	Description
Compression	H.264
Recording Resolution	360 x 288, 720 x 288, 720 x 576
Recording Mode	Time-lapse, Event Alarm, Motion detection, Schedule
Display Speed	Up to 100 fps (real time)
Display Screen	1, 4, sequence, digital zoom of a selected screen area: 4x
Motion Detection	22 x 15 grid, with sensitivity defined individually for each channel
Video Loss Detection	Yes
Schedule Recording	Individual settings for: each day, each camera, possibility of combining individual recording modes
Recorded Data Search	By date/time, events (Motion detection)
Event History Log	Yes
Time Synchronization	Automatic time synchronization with NTP server
Storage	Supports 1 HDD SATA
Backup	HDD or USB Flash Memory through USB port, through the network
External Ports	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s, 2 x USB 2.0 - for Flash Memory, and for PC mouse, 1 x RS-485 - for PTZ cameras, and PTZ keyboard
PTZ Functions	Directly from the device or via the network
Protocol	N-Control, Pelco-D, Pelco-P and others
Control	Front panel, IR remote control,Network, USB PC mouse (in-set included)
Set-up	Multi-lingual On Screen Display (OSD)
Software	CMS
User Authorization	Creation of user accounts with varying privileges, password
Power Supply	12 VDC (100~240 VAC/12 VDC PSU in-set included)
Power Consumption	Max. 25 W with HDD
Operating Temperature	0°C ~ 50°C
Relative Humidity	10% ~ 90% (non-condensing)
Dimensions (mm)	300 (W) x 65 (H) x 280 (D)
Weight	2 kg (without HDD)