

## Video Capture Card with Software Compression (A Series) NVB-100/8A



### Features

- QUADRUPLEX: simultaneous recording, monitoring, playback (2 x VGA) and networking
- Software compression: MPEG-4
- Video input: 8
- Audio input: up to 4 (with 2 sound cards)
- 8 sensor inputs & 4 sensor outputs
- Composite Output: 1 x RCA (full-screen sequence, events)
- Recording resolution:
  - 352 x 288
  - 704 x 576
- Double-screen operation capability (2 x VGA)
- Remote control:
  - NOVUS® PTZ cameras
  - NOVUS® cameras equipped with RS-485 interface
- Protocols: Novus-C, Novus-C1, Novus-C2, Pelco-P, Pelco-D and others
- Advanced schedule recording & motion detection functions
- Watermark image protection (JPEG)
- Recording modes: Normal, Sensor, Motion detection, Sensor & Motion, Normal & Event
- Playback display: common, panorama and icon views
- Network support: LAN, WAN, xDSL
- Remote connection through DVR\_Net, PDA\_Net and Internet Explorer
- External devices support: POS, ATM, AC
- CPU load: approx. 90%
- In set included: PTZ converter, alarm input/output interface
- Software: DVR\_Main server application, DVR\_Net application for remote connections, PDA\_Net application for remote connection from PDA devices, DVR\_Uilities tools for playing back the video material recorded with DVR\_Main application on another PC, N-Tool for recording time estimation.

| Specifications       | Description                    |
|----------------------|--------------------------------|
| Video Input          | 8 x BNC                        |
| Audio Input          | 1, 2 or 4 (with 2 sound cards) |
| Alarm Input          | 8 (NO/NC)3                     |
| Alarm Output         | 4                              |
| Composite Output     | 1 x RCA (full-screen sequence) |
| PCI Board Quantity   | 1                              |
| Recording Resolution | 352 x 288, 704 x 576           |
| Compression          | MPEG-4 (software compression)  |
| Display Speed        | 100 fps                        |
| Recording Speed      | 100 fps                        |
| Display Screen       | 1, 4, 6, 9                     |

| Specifications           | Description   |
|--------------------------|---|
| Playback Screen          | 1, 4, 9   |
| Recording Mode           | Normal, Sensor, Motion detection, Sensor & Motion, Normal & Event   |
| Notification Function    | Event and Video loss (Sound, Alarm, Relay, E-mail, Phone, Preset)   |
| Backup Drives            | HDD, CD-RW, DVD-RW, network drives (DAT files)  |
| Video Saving Files       | AVI, MP4 or MP4+EXE (MP4 with player included)  |
| Frame Saving Files       | JPEG  |
| Backup                   | Auto/Manual   |
| Network Support          | LAN, WAN, xDSL  |
| Software                 | DVR_Net, PDA_Net (PDA devices), DVR_Calc  |
| PTZ Camera Control       | RS-232/RS-422/RS-485 (from DVR_Main, DVR_Net, PDA_Net, IE)  |
| Protocol                 | Novus-C, Novus-C1, Novus-C2, Pelco-P, Pelco-D and others  |
| Image Security           | Watermark - JPEG files  |
| User Authorization       | 3-level password protection (up to 100 users)   |
| Auto System Recovery     | Hardware WATCHDOG function  |
| External Devices Support | POS, ATM, AC (Access Control)   |
| CPU                      | INTEL Pentium IV 2.4 GHz and higher   |
| Motherboard              | Intel, ASUS, GigaByte based on Intel i845, i865 or i9xx chipsets<br>(NOTE: i845G and i865G are not acceptable!) |
| VGA                      | ATI Radeon 9000 and higher  |
| RAM                      | 512 MB  |
| Operating System         | Windows 2000/XP/VISTA/Windows 7 Professional  |