

## Video Capture Card with Software Compression (A Series) NVB-050/16A



### Features

- QUADRUPLEX: simultaneous recording, monitoring, playback (2 x VGA) and networking
- Software compression: MPEG-4
- Video input: 16
- Audio input: up to 4 (with 2 sound cards)
- 16 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	16 x BNC
Audio Input	1, 2 or 4 (with 2 sound cards)
Alarm Input	16 (NO/NC)
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	50 fps
Recording Speed	50 fps
Display Screen	1, 4, 6, 9, 10, 16

Specifications	Description
Playback Screen	1, 4, 9, 16
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 (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