

# AVerMedia® NV6000 Express

True PCI-Express HYBRID and Real Time Digital Surveillance System



PCI-Express interface provides higher bandwidth and great performance

Single Card solution for 16-channel video and 16-channel audio

Independent 16 channels on TV at the same time

Hybrid NVR: support both Analog and IP camera

## Performance

Product	NV6480 Express	NV6240 Express	
Video Input	16	16	8
Audio Input	16	16	8
Display Rate(NTSC / PAL)	480 / 400	480 / 400	240 / 200
Recording Rate(CIF, NTSC / PAL)	480 / 400	240 / 200	240 / 200
Recording Rate(VGA, NTSC / PAL)	480 / 400	240 / 200	240 / 200
Recording Rate(D1, NTSC / PAL)	160 / 128	80 / 64	80 / 64

\* Specifications are subject to change without prior notice

## Product Specification

### ➤ Video and Audio Feature

- Single card 16 channel solution
- Video Format: NTSC and PAL
- Support 352x240, 640x480, and 720x480/720x576 pixels (NTSC & PAL)
- 1 composite TV out terminal (RCA Jack)

### ➤ Display

- Compact mode and Advanced mode
- Auto Scan with full screen display under 1, 4, 8, 9, 13, 16-camera display modes
- Digital zoom in for specific area
- Pan/Tilt/Zoom (PTZ) cameras: PTZ script is available for adding new protocols
- Auto Gain Control (AGC) balance image quality
- Night view ability
- Configurable TV output: 1, 4, 8, 9, 13, 16-camera display and auto scan on TV

### ➤ Recording

- Video compression: MPEG4
- Support 352x240, 640x480 and 720x480/720x576
- Two types of de-interlace method: optimized for static scene or dynamic scene
- Recording modes: Alarm trigger / Motion Detection / Smart / Audio Detection / Continuous / Schedule recording
- Programmable masking zone blank under recording modes
- Intelligent shield protects privacy
- Auto recycling when storage disk is full

### ➤ Search & Playback

- Real time playback: immediate access playback
- Powerful search: by date, time, camera, area, event, vision, and log file
- Bookmark function for quick link
- Complete playback control: playback, backward playback, fast forward/backward playback, forward/backward frame-by-frame playback
- Digital zoom in for specific area
- Export single frame to BMP file and print out
- Output "AVI" file for video clip

### ➤ Remote Access

- Simultaneous multiple remote LIVE surveillance via standard web browsers

- Support Central Management System (CM3000)
- Remote monitoring / recording / playback
- Remote PTZ control
- Remote setup
- Remote Emap
- Remote desktop
- 2-way audio
- PDA viewer monitor video and audio
- DDNS function

### ➤ Schedule

- Record, Network enable, backup, reboot, and alarm
- One time or weekly repeat schedule

### ➤ E-map

- Showing the positions and status of camera, sensor, and relay
- Extend to 8 maps

### ➤ Instant Alert

- 4 sensor inputs and 4 relay outputs controls per set
- Multiple alarm trigger modes: video loss, motion detection, and sensor input
- Joint condition to prevent false alarm
- Real time notification: Email / Phone Call / SMS / MMS / PTZ tracking / TV-out

### ➤ Webtools

- Dispatch server: share NV's network transmission loading
- Remote Backup: gradually backup important data every hour
- Alarm Messenger: receive 4 DVRs alarm on any PC or laptop

### ➤ Other

- Virtual Keyboard
- Support UPS
- Hardware watchdog
- User / Password control: Administrator / User with flexible and separate privilege setting
- Water Mark image verification technology
- Live update for latest software version online
- Configuration file export and import
- Attention Please!! (patent pending)  
make sure security pay fully attention on surveillance monitor

## System Requirements

- ▶ CPU: Pentium® 4 3.0 GHz or higher
- ▶ PCI-Express x1

- ▶ OS: Windows 2000 / XP Professional
- ▶ RAM: 512MB

- ▶ HDD : 120GB or higher
- ▶ CD-RM/DVD-RM
- ▶ 32-bit high color SVGA graphics card with 128MB video memory and DirectDraw® / YUV Rendering

- Capability
- ▶ 10/100 Base-T Ethernet card
  - ▶ Sound card and speakers

# AVerMedia®

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