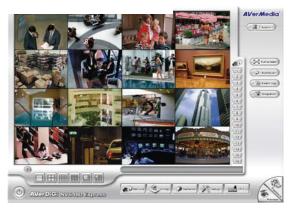


AVerDiGi Hybrid NV6480EXP





Major Features	
Hybrid Network Video Recorder (Accepts both CCTV/Analog as well as IP Cameras)	Remote backup of video surveillance data
True PCI-Express interface provides higher bandwidth and the ability to record in real time up to 640x480 (VGA) resolution	Keyboard lockup to enhance security
Point of sale integration (ANSI ASCII Serial output based cash registers)	Watermark image verification technology
Dispatch Server shares internet access loading	 Supports over 12 different languages
 Attention metric designed to measure the attention span of security officers 	 Virtual keyboard
Intelligent Status Notification (Alert you on HDD space, CPU load, Memory usage, etc)	 Record up to 16 audio channels
Display up to a matrix of 16 channels on RCA output	Watch dog function built in
Smart Voice detection recording	Video enhancer software designed to
	Visually enhance surveillance video data
Multiple events alarm alert	DDNS function supports dynamic IP
Bookmark playback for easier retrieval	 Central monitoring system enables users to
	access and monitor up to 128 channels
	simultaneously for a wide range of
	applications
Backup to DVD/CD-RW directly	

Performance Comparison

Product	NV6480 Express (PCI-E)	NV6000 - 480 (PCI)
Video Input	16 Channels (single card)	16 Channels (single card)
Audio Input	16 channels	16 channels
Display Rate(NTSC / PAL)	480/400 fps	480/400 fps
Recording Rate(NTSC / PAL) (CIF)	480/400 fps	480/400 fps
Recording Rate(NTSC / PAL) (VGA)	480/400 fps **	120/100 fps

Recording Rate(NTSC / PAL) (D1)	160/128 fps	120/100 fps
TV-OUT	Configurable multiplexed screen	1 channel display
Interface	High speed PCI-E	32 bit PCI
Size	165 x 105 mm	256 x 105 mm

^{*} Specifications are subject to change without prior notice

Product Specification

Video Feature

- 16 composite video inputs (BNC connectors) and/or 16 IP Camera (Selected IP Cameras).
 Max of 16 video feed per system.
- 16 audio input channels
- Video Format: NTSC and PAL
- Support 320x240, 640x480, or 720x480(enhanced) pixels (NTSC & PAL) 16-bit true color
- RCA composite video out to a regular terminal or TV monitor
- Supports static as well as dynamic de-interlacing for smoother graphics
- Built in noise reduction algorithm

Display

- Compact mode and Advanced mode
- Adjustable frame rate and resolution on each camera
- Auto Scan with full screen display under 1, 4, 8, 9, 13, 16-camera display modes
- Digital zoom into specific area
- Pan/Tilt/Zoom (PTZ) cameras: PTZ script is available for adding new protocols
- Auto Gain Control (AGC) balances image quality
- Software based night view function enhances low light condition

Recording

- Video compression: MPEG4
- Video Encryption supported
- Support 320x240, 640x480, and 720x480
- D1 resolution recording in 320x240
- Fully de-interlace in 640x480 and 720x480 mode
- Recording modes: Alarm triggered/sensor triggered/motion detection/continuous/smart/scheduled/voice detection
- Programmable multiple masking zones
- Intelligent shield protects privacy
- Capable of recording audio channel(s) with full synchronization
- Max 16 audio channels recording
- Auto recycling when storage nearing full
- Intelligent pre-motion and post motion recording
- Supports video encryption in Advanced MPEG4

Search & Playback & Backup

- Real time playback without having to disable recording/network functions
- Power search: by date, time, camera, area, event, vision, POS text or log file
- Full screen playback
- Complete playback control: forward, backward, speed up, slow down
- Digital zoom into any designated area
- Export a single frame into a file or print out
- Set a segment and have it output as avi video clip
- Visual search by day, hour, minute, second
- Bookmark search: By time, description. Protect recorded file from being recycled and show file status
- Direct backup to DVD-RW/CD-RW (Requires Nero Ultra 6.0+)

Remote Access

- Simultaneous multiple remote live/recorded surveillance via Internet Explorer 6
- Backup remotely
- Central management server controls multiple DVRs
- Remote monitoring / remote recording / playback remote recording / playback server recording
- Full control of PTZ cameras remotely
- PDA handy view (Windows CE/Pocket PC 2002 or above)
- Two-way audio communication
- 1,4,9 and 16 screen divisions
- Remote E-map
- Choose from dial-up, Internet or Lan speed
- Dispatch server allows you to broadcast video stream to the public

Schedule

- Record, enable network, backup, reboot and disabling alarms
- One time or weekly schedule
- Scheduling can be done down to every quarter of an hour

E-map

Shows you the positions of cameras, sensors and relays

^{**} Attainable with the use of Intel Core™2 Duo processor 2GHz of above

Stores up to 8 different maps

Alarm Notifications

- E-mail notifications
- FTP notifications
- Voice modem call out notification
- Turn relay on (light switch, alarm, etc)
- Plays warning sound (can be re-recorded)
- Start recording on multiple cameras (capture video from different angle)
- Send TV-out signals
- Launch E-Map
- Enlarge camera view
- Send SMS/MMS
- Alert messages helps security follow proper standard operational procedures

User Access

- Setup up to 32 users with their own individual passwords for remote access
- Each user can be preconfigured to perform only certain actions (eg. access specific cameras remotely)

I/O card (Included)

 4 sensor inputs and 4 relay outputs controls per set

System Requirements

- CPU: Pentium® 4 3.0 GHz or higher
- Motherboard with Intel 915, 945, 955, 965 Chipset (VIA/SiS/Ali Chipset motherboards not supported) (Recommended Intel, ASUS, Gigabyte motherboards)
- OS: XP Professional (For HT)
- RAM: 512MB minimum
- PCI-Express x 1 Compliant
- HDD: 120GB or higher
- CD-ROM/DVD-ROM
- 32-bit high color SVGA graphics card with at least 128MB video memory and DirectDraw® / YUV Rendering Capability (AGP Recommended)
- 10/100 Base-T Ethernet card
- Sound card and speakers

NV6480 Express Card Product Information

Product Information	Details
Product Name	AVerMedia NV6480 Express
Box Dimension	13.5' x 10.5' x 3'
Box Weight	2.7 lb
UPC Code	Available soon
AVerMedia SKU	NV6480EXP

What's Included?

- 1 NV6480 Express Card
- 2 Octopus Cables
- 1 Watchdog Cable
- 1 OSD-KIT
- 1 I/O Box
- 1 Quick User Guide
- 1 Installation CD (includes drivers, application program, manual)
- 1 USB Receiver + 1 remote control unit

