

AVerDiGi Hybrid NV6240EXPRESS 8CH



Major Features (For more updated features, please check the website major features page)

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	MegaPixel IP Cameras (Arecont ®, Iqinvision ®) Supported
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 8 audio channels per card or 16 channels for 2 cards
Display up to a matrix of 8 channels on RCA output (per card). Up to 16 channels for 2 cards	Watch dog function built in
Smart Voice detection recording	Video enhancer software designed to Visually enhance surveillance video data
Supports Dual Monitor Display	DDNS function supports dynamic IP
Bookmark playback for easier retrieval	Central monitoring system enables users to access and monitor multiple DVRs simultaneously for a wide range of applications
Backup to DVD/CD-RW directly	Plus much more!

Achievable Configuration

Product	NV6240Express 8CH (PCI-E)	
Video Input	8 Channels (single card)	16 Channels (two cards)
Audio Input	8 channels	16 channels
Display Rate(NTSC / PAL)	240/200 fps	480/400 fps
Recording Rate(NTSC / PAL) (CIF)	240/200 fps	480/400 fps
Recording Rate(NTSC / PAL) (VGA)	240/200 fps **	480/400 fps **

Recording Rate(NTSC / PAL) (D1)	80 / 64 fps	160/128 fps
TV-OUT	Configurable multiplexed screen	Configurable multiplexed screen
Interface	High speed PCI-E	High speed PCI-E
Size	165 x 105 mm	165 x 105 mm

* Specifications are subject to change without prior notice

** Attainable with the use of Intel Core™2 Duo processor 2.4GHz or above

Product Specification

Video Feature

- 8 ~ 16 (2 cards) composite video inputs (BNC Connectors) and/or 8 ~ 16 IP camera (selected IP cameras), Max. of 8 video feed (either analog or digital) per card
- 8 audio input channels. Max of 16 for 2 cards
- Video Format: NTSC
- Support 352x240, 640x480, 720x480, 1920x1200 (Selected 2.3 Megapixel IP Cameras)
- 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
- Dual-Monitor (VGA) support

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 / H.264
- Video Encryption supported
- Support 320x240, 640x480, and 720x480 up to 1920x1200 with selected Megapixel IP Cameras
- Recording up to 1920x1200 (Selected 2.3MPixel IP Cameras)
- Full de-interlacing 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 (2 cards)
- Auto recycling when storage nearing full

- Intelligent pre-motion and post motion recording
- Supports video encryption in Advanced MPEG4 / H.264

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) / Windows Smart Phones / Java viewer support for Symbian smart phone or others with JAVA 2.0 support
- 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
- Remote SDK Support

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
- 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

System Requirements

- CPU: Pentium® 4 3.2 GHz or higher (Core 2 Duo 2.4 or above recommended)
- Motherboard with Intel 915, 945, 955, 965, 975 Chipset (VIA/SiS/AlI Chipset motherboards not supported) (Recommended Intel, ASUS, Gigabyte motherboards)
- OS: XP Professional (For HT)
- RAM: 1024MB 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)
- CSA or PCI-E Gigabit LAN
- Sound card and speakers

What's Included?

- 1 NV6240 Express 8CH Card
- 1 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

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 control included in package. Up to 96 Sensors/Relays possible with external third party I/O Box (Moxa brand)



NV6240 Express 8CH Card

Product Information	Details
Product Name	AVerMedia NV6240 Express 8CH
Box Dimension	13.5' x 10.5' x 3'
Box Weight	2.7 lb
UPC Code	Available soon
AVerMedia SKU	NV6240EX8

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