

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

<ul style="list-style-type: none"> Hybrid Network Video Recorder (Accepts both CCTV/Analog as well as IP Cameras) 	<ul style="list-style-type: none"> Remote backup of video surveillance data
<ul style="list-style-type: none"> True PCI-Express interface provides higher bandwidth and the ability to record in real time up to 640x480 (VGA) resolution 	<ul style="list-style-type: none"> MegaPixel IP Cameras (Arecont ®, Iqinvision ®) Supported
<ul style="list-style-type: none"> Point of sale integration (ANSI ASCII Serial output based cash registers) 	<ul style="list-style-type: none"> Watermark image verification technology
<ul style="list-style-type: none"> Dispatch Server shares internet access loading 	<ul style="list-style-type: none"> Supports over 12 different languages
<ul style="list-style-type: none"> Attention metric designed to measure the attention span of security officers 	<ul style="list-style-type: none"> Virtual keyboard
<ul style="list-style-type: none"> Intelligent Status Notification (Alert you on HDD space, CPU load, Memory usage, etc) 	<ul style="list-style-type: none"> Record up to 8 audio channels per card or 16 channels for 2 cards
<ul style="list-style-type: none"> Display up to a matrix of 8 channels on RCA output (per card). Up to 16 channels for 2 cards 	<ul style="list-style-type: none"> Watch dog function built in
<ul style="list-style-type: none"> Smart Voice detection recording 	<ul style="list-style-type: none"> Video enhancer software designed to Visually enhance surveillance video data
<ul style="list-style-type: none"> Supports Dual Monitor Display 	<ul style="list-style-type: none"> DDNS function supports dynamic IP
<ul style="list-style-type: none"> Bookmark playback for easier retrieval 	<ul style="list-style-type: none"> Central monitoring system enables users to access and monitor multiple DVRs simultaneously for a wide range of applications
<ul style="list-style-type: none"> Backup to DVD/CD-RW directly 	<p>Plus much more!</p>

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)	240 fps	480 fps
Recording Rate(NTSC) (CIF)	240 fps	480 fps
Recording Rate(NTSC) (VGA)	240 fps **	480 fps **

Recording Rate(NTSC) (D1)	80 fps	160 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

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)

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



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

What's Included?

- 1 NV6240 Express 8CH Card
- 1 Octopus Cables
- 1 Watchdog Cable
- 1 I/O Box
- 1 Quick User Guide
- 1 Installation CD (includes drivers, application program, manual)

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