



Major Features

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|---|---|
| <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"> Advanced H264 compression with lower size of recorded data |
| <ul style="list-style-type: none"> Easy setup and usage | <ul style="list-style-type: none"> Keyboard lockup to enhance security |
| <ul style="list-style-type: none"> Point of sale integration (ANSI ASCII | <ul style="list-style-type: none"> Watermark image verification technology |
| <ul style="list-style-type: none"> Serial output based cash registers) | <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 to multiple hard drives |
| <ul style="list-style-type: none"> Compact mode for cleaner interface | <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"> Multiple events alarm alert | <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"> Dispatch Server shares internet access loading | |

Performance

| Product | NV7000H | |
|--|---------|-------------|
| Video Cards | 1 | 2 |
| Video Input | 8 | 16 Channels |
| Display Rate(NTSC / PAL) | 240/200 | 480/400 fps |
| H.264 Recording Rate(NTSC / PAL) (320x240) | 240/200 | 480/400 fps |

| | | |
|---------------------------------------|-------|-------------|
| H.264 Recording Rate(NTSC / PAL) (D1) | 60/50 | 120/100 fps |
| Sensor Input / Relay Output | 4 / 4 | 8 / 8 |

Specifications subject to change without notice

Product Specification

Video Feature

- 8 ~ 16 composite video inputs (D Type Connector) and/or 8 ~ 16 IP Camera (Selected IP Cameras). Max of 16 video feed per system.
- 8 ~ 16 audio input channels
- Video Format: NTSC and PAL
- Support 352x240, 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 standard: H.264
- Support 352x240, 640x240, and 720x480
- 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 up to 16 audio channels recording (per 2 cards)
- Auto recycling when storage nearing full
- Intelligent pre-motion and post motion recording

Search & Playback

- 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

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 and 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 2.8 GHz or higher
- Motherboard with Intel 865/915/925/945/955/965/975 Chipset (VIA/SiS/AlI Chipset motherboards not supported) (Recommended Intel, ASUS, Gigabyte motherboards)
- OS: Windows 2000 / XP Professional (XP Pro recommended)
- RAM: 512MB minimum
- 32-bit PCI 2.1 compliant bus slot
- HDD: 80GB 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 or PCI Express Recommended)
- 10/100 Base-T Ethernet card
- Sound card and speakers

NV7000H Card

| Product Information | Details |
|---------------------|------------------|
| Product Name | AVerDiGi NV7000H |
| Box Dimension | 8.5' x 12' x 3' |
| Box Weight | 2.3 lb |
| UPC Code | 795522960375 |
| AverMedia SKU | NVDNV7KH0 |



What's Included?

- 1 NV7000H Card
- 1 x 8 Audio/Video Octopus Cable
- 1 Watchdog Cable
- 1 Quick User Guide
- 1 Installation CD (includes drivers, application program, manual)
- 1 I/O Box & cable
- 1 Video Signal Cable



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