AVerMedia® NV5000

Advanced Digital Surveillance System

Server User Interface

Remote View
Remote Setup

PDA/Mobile Handy View

Central Management

Visual Search

Intelligent Search

E-Map

λ Features

- Remote monitoring / recording / playback / retrieve through LAN or Internet
- Easily Search and Playback: Step by step on date, hour, minute
- PDA/Mobile Handy view
- POS system integration with video images.
- Center management controls multiple servers
- Friendly Graphic User Interface: Clear and easy-understood figures

λ Performance

Product	NV5000	
Video Cards	1 Main card + 3 optional Video extension cards	2 main cards + 2 optional Video extension cards
Video Input	4 ~ 16 Channels	8 ~ 16 Channels
Display Rate (NTSC / PAL)	120 / 100 fps	240 / 200 fps
MPEG4 Recording Rate (NTSC / PAL)	120 / 100 fps	240 / 200 fps

* Specifications are subject to change without prior notice

λ Product Configuration

Different Hardware Combinations						
Video Capture Card Numbers	Video Extension Card Numbers	Audio / IO Card Number	Number of Video Channels	Number of Audio Channels	Sensor Inputs	Relay Outputs
1	0	0	4	0	0	0
		1	4	4	4	3
	1	0	8	0	0	0
		1	8	4	4	3
	2	0	12	0	0	0
		1	12	4	4	3
	3	0	16	0	0	0
		1	16	4	4	3
2	0	0	8	0	0	0
		1	8	4	4	3
	2	0	16	0	0	0
		1	16	4	4	3

λ Product Specification

λ Video Feature

- 4~ 16 composite video inputs (BNC connectors)
- Video Format: NTSC and PAL
- Support 320x240, 640x480, and 640x480(enhanced) pixels (NTSC & PAL) 16-bit true color
- 1 composite TV out terminal (RCA Jack)

λ Display

- Adjustable frame rate and resolution on each camera
- Auto Scan with full screen display under 1, 4, 9, 16-camera display modes
- Pan/Tilt/Zoom (PTZ) cameras: PTZ script is available for adding new protocols
- Auto Gain Control (AGC) balance image quality

λ Recording

- Video compression: MPEG4 & M-JPEG
- Support 320x240, 640x240, and 640x480
- Fully de-interlace in 640x480 mode
- Recording modes: Alarm trigger / Motion Detection / Continuous / Schedule recording
- Programmable masking zone blank under recording modes
- Intelligent shield protects privacy
- Max 4 audio channels recording
- Auto recycling when storage disk is full

λ Search & Playback

- Real time playback: immediate access playback
- Powerful search: by date, time, camera, area, event, vision, and log file
- 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

λ Webcam Control

- Simultaneous multiple remote LIVE surveillance via standard web browsers (Internet Explorer 6)
- Center management controls multiple servers
- Remote monitoring / recording / playback / retrieve through LAN or Internet
- Remote PTZ control
- Remote setup
- PDA handy view (Windows CE 3.0 / Pocket PC 2002)
- DDNS function supports dynamic IP

λ Schedule

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

λ E-map

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

λ Other

- Virtual Keyboard
- Support UPS
- User / Password control: Administrator / User with flexible and separate privilege setting
- Water Mark image verification technology

- Multiple actions upon alarm: recording, relay output, sound alert, call-out (phone / e-mail / ftp)
- Backup device: Disk Array, CD+-RW, DVD+-RW

λ **Audio & I/O card (Optional)**

- 4 composite Audio inputs (RCA Jack)

- 4 sensor inputs and 3 relay outputs controls per set
- Multiple alarm trigger modes: video loss, motion detection, and sensor input
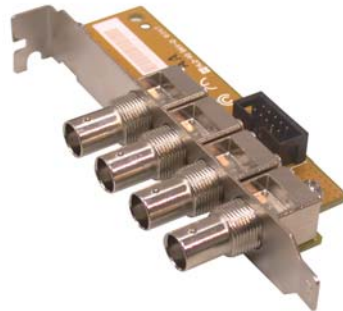
λ System Requirements

- CPU: Pentium® 4 1.8 GHz or higher
- Motherboard with Intel 845, 865, 875, 915 Chipset (VIA/SiS/Ali Chipset motherboards not supported) (Recommended Intel, ASUS, Gigabyte, MSI motherboards)
- OS: Windows 2000 / XP Professional (XP Pro recommended)
- RAM: 512MB recommended
- 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 64MB video memory and DirectDraw® / YUV Rendering Capability (AGP or PCI Express Recommended)
- 10/100 Base-T Ethernet card
- Sound card and speakers

What is included in the package?

- 1 NV5000 Card
- 1 Watchdog cable
- 1 Video signal cable
- 1 Quick User Guide
- 1 Installation CD (includes drivers, application program, manual)
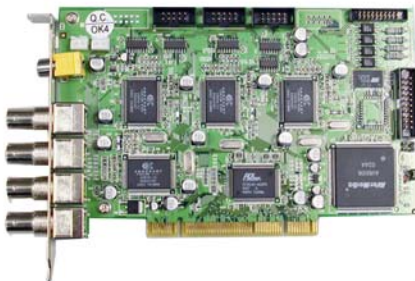
What are the optional items?

- 4 Channel Video Extension Card (Part no. NVDVIEXT) (up to 3 can be hooked up per system)
- 4 Channel Audio Extension Card (Part no. NVD4AUEXT) (up to 1 can be hooked up per system)
- I/O Box (Part no. NVDACCBOX) (up to 1 can be hooked up per system)

NV5000 Video Extension (Optional)

NV5000 4-CH Audio Extension (Optional)

NV5000 Card

Product Information	Details
Product Name	AVerMedia NV5000
Box Dimension	8.5' x 12' x 3'
Box Weight	1.30Lb
UPC Code	795522 959997
AverMedia SKU	NVDNV5000