



AVer™ DiGi NV Series Hybrid Windows-Based Capture Card

- D1 Real-Time Hybrid DVR
- Pro-Active IP Camera Integration with Key Manufacturing Partners
- Comprehensive Remote Access via Web, CMS, and Mobile
- Stack up to 32 Channels
- Advanced Alarm Management
- Access Control Integration

Key Points



Hybrid DVR

Support both IP and Analog cameras/PTZ control with various popular brands.



MegaPixel Resolution

Each individual channel supports a maximum of 5 MegaPixel MPEG4/H.264/MJPEG. Support up to 42 MegaPixel resolution in total for the installation of all IP camera channels.



Dual Monitor

Support dual monitor environment for independent preview and playback or E-map save your trouble switching.



Video Encryption

Support H.264 and MPEG4 video encryption for privacy protection and security purpose.



POS Integration

Provide POSViewer and filter condition to monitor POS information with image and receipt as user's demands.



System Controller Pro

Featured intuitive preview, playback, and PTZ control functions for users to efficiently control the surveillance system.



iEnhance/iStable

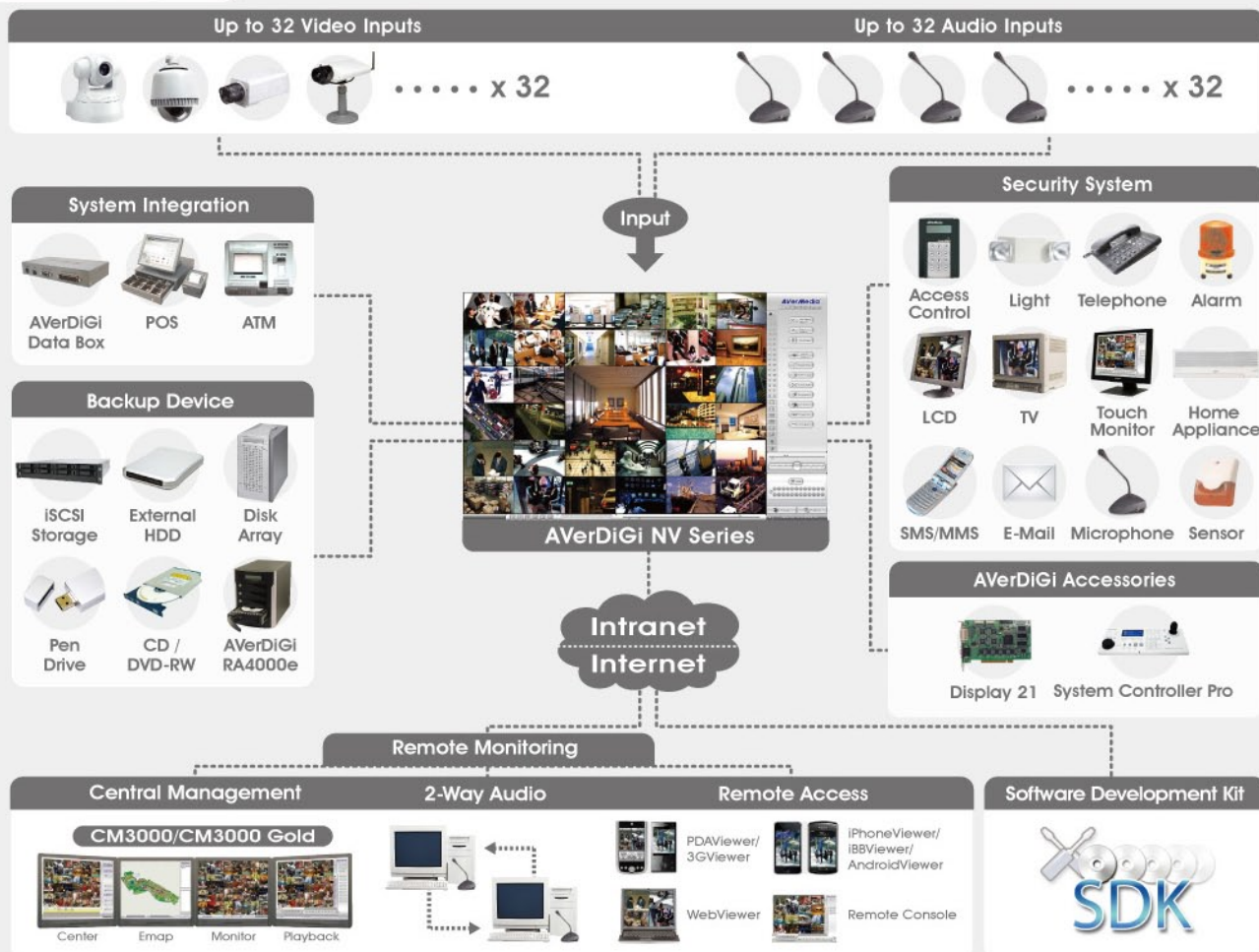
Exclusive video software with enhancement and stabilizer functions can adjust recorded data to the highest quality image and avoid impact from shaking and jolts.



Remote Access

Remote Software Integration: CM3000/CM3000 Gold, Remote Console, WebViewer, PDAViewer, iPhoneViewer, iBBViewer, AndroidViewer, 3GViewer, JavaViewer, HandyViewer, and SmartViewer

Application Diagram





Key Features

The AVerDiGi NV Series covers hybrid video capture cards from the entry-level to high-end surveillance solutions, it combines real-time recording rates and AVerMedia's powerful software. The NV Series is compatible with major brands of IP cameras in the industry. Even stacking up to 32 channels, the NV Series is still able to provide superior image quality and ensures easy, efficient, and effective security.

VIDEO FEATURE

- 4-32 composite video inputs (BNC connectors)
- IP and Analog camera Pan-Tilt-Zoom enabled
- Up to 16 audio inputs
- Video format: NTSC/ PAL
- RCA composite video out to CCTV/ TV monitor
- Support static as well as dynamic de-interlacing for smoother graphics

RECORDING

- Two types of de-interlace method: optimized for static scene or dynamic scene
- Recording modes: Alarm Trigger/ Motion Detection/ Smart/ Audio Detection/ Continuous/ Schedule
- Programmable masking zone blank under recording modes
- Intelligent shield protects privacy
- Auto recycling when storage disk is nearing full

DISPLAY

- Support up to 1920x1200 wide screen resolutions
- Compact and Advanced mode
- Auto scan with full screen display under 1, 4, 8, 9, 13, 16, 32 -camera display modes
- Digital zoom in for specific area
- Pan/ Tilt/ Zoom (PTZ) cameras: PTZ script is available for adding new protocols
- Auto Gain Control (AGC) balance image quality
- Night view ability
- Configurable TV output: 1, 4, 8, 9, 13, 16 - camera display and auto scan

FORENSICS

Search

- Powerful search: by date, time, camera, area, event, vision, and log file
- Face Finder: Detect human face in live video to facilitate quick searches
- Bookmark: Easily save links to particular locations of recorded data and play them directly from the saved links
- Visual Search: Visually breaks down video by day, hour, minute, 10 seconds, and second
- Advanced event log search by event, operation, POS, system and network activities

Playback

- Real-time playback without having to disable recording/ network functions
- Complete playback control: playback, backward playback, fast forward/ backward playback, forward/ backward frame-by- frame playback
- Digital zoom-in for specific area

Backup

- Export single frame to BMP file and print out
- Output "AVI" file for video clip

POS INTEGRATION

- Compatible with most commonly used POS system
- Confidential word filter
- Advanced iPOS function for live POS data display or POS data search and playback
- Event notification for POS keyword
- Change location of POS text on camera display image
- Receive POS data from Internet

REMOTE MONITORING

- Simultaneous multiple remote live/ record video via standard web browsers
- Backup remotely
- Central management system to connect up to 1,000 DVRs
- Remote monitoring/ recording/ playback/ IO Control
- Remote PTZ control
- Remote setup
- Remote E-map
- PDAViewer, SmartViewer (for Symbian/Windows Smart phone), JavaViewer, iPhoneViewer, iBlackBerryViewer, and HandyViewer
- 2-way audio communication
- DDNS function

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

- E-map showcasing camera, sensor, and relay positions
- Enabling to extend up to 8 maps

Alarm/Notifications

- On screen alarm button for manually trigger alarm when emergency
- Multiple alarm trigger modes: Video loss/ Motion Detection/ Sensor Input/ Missing & Suspicious Object/ Intruder/ POS Keyword/ HDD Fail/ Alarm Message
- Joint condition to prevent false alarm
- Real time notification: Email/ Phone call/ SMS/ MMS/ PTZ tracking/ TV-out/ Video enlargement/ Alarm SOP/ E-map popup/ Relay output/ Snapshot/ FTP transmission/ 3rd party program
- Reset alarm status both on local and remote side
- Rest alarm by sensor
- Access Control Integration: Gate, Access Control, Camera, and DVR

WEB TOOLS

- Dispatch server: Share DVR server's loading of network transmission
- Remote backup: Gradually backup recorded data from Internet
- Remote setup: Configure detail settings of DVR remotely

USER ACCESS

- Setup as many users as you like with their own individual passwords
- Each user can be pre-configured to perform only certain actions (e.g., access specific cameras remotely)

OTHERS

- Attention Please: Enable dialogs to trace if operator pays attentions to security monitor
- Virtual Keyboard
- Support UPS
- Hardware Watchdog
- Administrator/User level account with flexible and separate privilege setting
- Activate/ Expire user account at specified date
- True video watermark technology to prevent tampered video/ image
- Live update for latest software version and IP camera module online
- USB backup to upgrade system by USB drive
- Configuration file export and import

Product Specifications



Product Model	NV3000T				NV5000T				NV6240T	
Operating System	Windows XP/ Vista, 7 (64 bit)									
Video Card	1	2	3	4	1 Main card + 3 optional video extension cards				1	2
Video Input	4	8	12	16	4, 8, 12, 16				8	16
Video Format	H.264/MPEG4/MJPEG				H.264/MPEG4/MJPEG				H.264/MPEG4	
Compression	Software Compression				Software Compression				Software Compression	
Video Resolution (full de-interlace filter)	NTSC:352x240,640x480,720x240,720x480 PAL:352x288,640x480,720x288,720x576				NTSC:352x240,640x480,720x240,720x480 PAL:352x288,640x480,720x288,720x576				NTSC:352x240,640x480,720x240,720x480 PAL:352x288,640x480,720x288,720x576	
Recording resolution (IP Inputs)	Each individual channel supports a maximum of 5 Megapixel MPEG4/H.264/MJPEG. Support up to 42 Megapixel resolution in total for the installation of all IP camera channels									
Audio Input	1	2	3	4	4				8	16
TV out	YES				YES				Multiple and configurable channels	
Display Rate (NTSC/PAL) FPS	30/25	60/50	90/75	120/100	120/100				240/200	480/400
CIF Recording Rate (NTSC/PAL) FPS	30/25	60/50	90/75	120/100	120/100				240/200	480/400
D1 Recording Rate (NTSC/PAL) FPS	12/10	24/20	36/30	48/40	120/100				240/200	160/130
Sensor Input/ Relay	4/3	8/6	12/9	12/16	4/3				4/4	8/8
IP camera Access	1	1	1	1	4				8	16
Overheat Detection	N/A				N/A				Yes	
Dimensions	105 x 138 mm				105 x 167.6 mm				109.5 x 167 mm	
Dual Monitor Output	Yes				Yes				Yes	
Recording Mode	Continuous Recording/ Smart Recording/ Motion Recording/ Audio Recording/ Alarm Recording/ Manual Recording All modes can be triggered by schedule									
Intelligent Video	PTZ Tracking, FaceFinder, Visual Search, Noise Reduction, iEnhance, iStable, Video Encryption									
E-Map Display	Show the positions of cameras, sensors, relays and triggered status									



Product Model	NV6480T		NV8416T		NV9416T	
Operating System	Windows XP/ Vista, 7 (64 bit)					
Video Card	1	2	1	2	1	
Video Input	16	32	16	32	16	
Video Format	H.264/MPEG4		H.264/MPEG4		H.264	
Compression	Software Compression		Software Compression		Hardware Compression	
Video Resolution (full de-interlace filter)	NTSC:352x240,640x480,720x240,720x480 PAL:352x288,640x480,720x288,720x576		NTSC:352x240,640x480,720x240,720x480 PAL:352x288,640x480,720x288,720x576		NTSC:352x240,640x480,720x240,720x480 PAL:352x288,640x480,720x288,720x576	
Recording resolution (IP Inputs)	Each individual channel supports a maximum of 5 Megapixel MPEG4/H.264/MJPEG. Support up to 42 Megapixel resolution in total for the installation of all IP camera channels					
Audio Input	16	32	16	32	16	
TV out	Multiple and configurable channels		Multiple and configurable channels		Multiple and configurable channels	
Display Rate (NTSC/PAL) FPS	480/400	960/800	480/400	960/800	480/400	
CIF Recording Rate (NTSC/PAL) FPS	480/400	960/800	480/400	960/800	480/400	
D1 Recording Rate (NTSC/PAL) FPS	160/130	320/260	480/400	960/800	480/400	
Sensor Input/ Relay	4/4	8/8	4/4	8/8	4/4	
IP camera Access	16	32	16	32	16	
Overheat Detection	Yes		Yes		Yes	
Dimensions	109.5 x 167 mm		109.5 x 165 mm		109.5 x 255 mm	
Dual Monitor Output	Yes		Yes		Yes	
Recording Mode	Continuous Recording/ Smart Recording/ Motion Recording/ Audio Recording/ Alarm Recording/ Manual Recording All modes can be triggered by schedule					
Intelligent Video	PTZ Tracking, FaceFinder, Visual Search, Noise Reduction, iEnhance, iStable, Video Encryption					
E-Map Display	Show the positions of cameras, sensors, relays and triggered status					

Specifications are subject to change without prior notice