AVerMedia

AVerDiGi NV Series | Hybrid Windows-based DVR

- Hybrid NVR
- D1 Real-Time
- Watermark Technology
- Video Encryption
- CMS
- Live Update
- 3G/PDA Viewer & iViewer
- Remote Monitoring

AVerDiGi NV7000H

FREE AVerDiGi Hybrid DVR & NVR Support Full Range of IP Cameras and we are able to add IP camera support based on your request

Hybrid NVR

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

MegaPixel IP Camera

Support various IP cameras up to 5 MegaPixel to provide the best image quality.

POS Integration

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

Dual Monitor

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

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.

System Controller Pro

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

Video Encryption

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

SDK

Software Development Kit opened for integrating NV system via your intelligent software to provide customized function.

CM3000/CM3000 Gold

Central Management System which supports live alarm notification, connection of 1000 DVRs in advanced mode, and compatible with AVerDiGiNV/ SA/ EB/ NX/ XR/ SEB networking DVRs.

(Support up to 4 monitors display)

Remote Console

Remote Console provides remote live preview, record, playback and remote control.

WebViewer

Facilitate users for remote viewing via Web browser without installing or downloading extra software.

PDAViewer/iViewer

Users can monitor live video through PDA/ iPhone mobile and operate functions, such as remote PTZ control, I/O control, and remote playback.

HandyViewer/SmartViewer

Support remote cell phone, Symbian and Windows smart phone access for instant monitoring and notification. Smart phones with JAVA2.0 can support PTZ cameras control as well.

3GViewer

Support live video monitoring for 3Gpp stream compatible mobile phone.

Up to 32 Video Inputs

......x32

Up to 32 Audio Inputs

......x32

Input

System Integration

AVerDiGi Data Box | POS | ATM

Backup Device

CD / DVD-RW | External HDD | Disk Array

Pen Drive | NAS | AVerDiGi RA4000e

AVerDiGi NV Series

Security System

Printer | Light | Telephone

Alarm | LCD | TV

Touch Monitor | Home Appliance | SMS/ MMS

E-Mail | Microphone | Sensor

AVerDiGi Accessories

Display 21 eSATA&485 | System Controller Pro

Intranet
Internet

Remote Monitoring

Central Management

CM3000/CM3000 Gold

Center | Emap | Monitor | Playback

2-Way Audio

Remote Access

PDAViewer/ 3GViewer/ iViewer

HandyViewer/ SmartViewer (for Symbian/ Windows smart phone)

WebViewer | Remote Console

Software Development Kit

SDK

Product Features

Video Source	Various Input	4~32 composite video inputs (BNC connectors), support PTZ cameras and IP cameras
Display	Display Mode	Auto Scan with full screen display under 1,4,8,9,13,16,32-camera display modes
Recording	Recording Mode	Continuous Recording/ Smart Recording/ Motion Recording/ Audio Recording/ Alarm Recording/ Manual Recording. All modes can be triggered by schedule
	De-interlace Option	Optimize for dynamic or static camera scenes
	Motion Detection	Detecting any kind of movements within the camera focus
	Privacy Protection	Editable shield preventing private areas from monitoring and recording
	E-map Function	Show the positions of cameras, sensors, relays and triggered status
Search & Playback	Powerful Search	By date, time, camera, area, event, vision, and log file.
	Bookmark	Easily save links to particular locations of recorded data and play them directly from the saved links
	Advanced Event Log Viewer	Details complete event logs according to your selection on event, operation, POS, system and network events.
Alarm Notification	Alarm Triggered Mode	Single event or multiple events as alarm trigger conditions/ POS keyword/ HDD error and many more
	Smart Alert Function	Launch E-map/ 1-cam TV display/ Warning sound/ Email/ Make a phone call/ Send files to FTP/ SMS and MMS/ PTZ preset point tracking/ Alarm SOP wizard/ Start recording/ Snapshot/ Enlarge camera view/ Send video to CMS
Others	Direct Burn	Support direct burn to CD-R/ RW/ DVD-R/ RW discs
	Attention Please (patent-pending)	Enable dialogs to trace if operator pays attention to security monitor.

Specifications are subject to change without prior notice

Product Specifications

Product Model: NV3000, NV5000, NV6240E, NV6480E

Product Model	NV3000				NV5000	NV6240E 8ch		NV6240E 16ch		NV6480E	
Operating System	Windows XP, VISTA, 7 (32 bit)										
Video Card	1	2	3	4	1 Main card + 3 optional video extension cards	1	2	1	2	1	2
Video Input	4	8	12	16	4,8,12,16	8	16	16	32	16	32
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					
Audio Input	1	2	3	4	4	8	16	16	32	16	32
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	480/400	960/800	480/400	960/800
CIF Recording Rate(NTSC/PAL)fps	30/25	60/50	90/75	120/100	120/100	240/200	480/400	240/200	480/400	480/400	960/800
D1 Recording Rate(NTSC/PAL)fps	12/10	24/20	36/30	48/40	120/100 (Frame rate may drop if video ext. cards are attached)	240/200	160/130	80/65	160/130	160/130	320/260
Sensor Input/Relay	4/3	8/6	12/9	12/16	4/3	4/4	8/8	4/4	8/8	4/4	8/8
IP camera Access	1	1	1	1	4	8	16	16	32	16	32
Overheat Detection	N/A				N/A	Yes					
Dimensions	105 x 138 mm				105 x 167.6 mm	109.5 x 167 mm					
Product Level	Entry Level				Medium Level	Medium-High Level					
Touch Monitor Support	Yes (AVerDiGi TM1900/1700)				Yes (AVerDiGi TM1900/1700)	Yes (AVerDiGi TM1900/1700)					
Dual Monitor Output	Yes				Yes	Yes					
Distinction	Cost-effectiveness with superior video quality. Video is stackable and expandable to provide high flexibility and meet your need					TRUE PCI-E interface enables real-time recording 480 fps at 640 x 480 and 2 times faster data transfer speed than PCI interface					

Product Model: NV7240, NV7480, NV8416E4, NV9000E

Product Model	NV7240		NV7480		NV8416E4		NV9000E	
Operating System	Windows XP, VISTA, 7 (32 bit)							
Video Card	1	2	1	2	1	2	1	2
Video Input	8	16	16	32	16	32	16	32
Video Format	MPEG4				H.264/MPEG4		MPEG4	
Compression	Hardware Compression				Software Compression		Hardware Compression	
Video Resolution (full de-interlace filter)	NTSC:352x240,720x240,720x480 PAL:352x288,720x288,720x576				NTSC:352x240,640x480,720x240,720x480 PAL:352x288,640x480,720x288,720x576		NTSC:352x240,720x240,720x480 PAL:352x288,720x288,720x576	
Audio Input	4	8	4	8	16	32	16	32
TV out	Yes				Multiple and configurable channels		Multiple and configurable channels	
Display Rate(NTSC/PAL)fps	240/200	480/400	480/400	960/800	480/400	960/800	480/400	960/800
CIF Recording Rate(NTSC/PAL)fps	240/200	480/400	480/400	960/800	480/400	960/800	480/400	960/800
D1 Recording Rate(NTSC/PAL)fps	120/100	240/200	120/100	240/200	480/400	960/800	480/400	960/800
Sensor Input/Relay	4/4	8/8	4/4	8/8	4/4	8/8	4/4	8/8
IP camera Access	8	16	16	32	16	32	16	32
Overheat Detection	Yes				Yes		Yes	
Dimensions	105 x 165 mm				109.5 x 165 mm		109.5 x 255 mm	
Product Level	Medium-High Level				High-End Level		High-End Level	
Touch Monitor Support	Yes (AVerDiGi TM1900/1700)				Yes (AVerDiGi TM1900/1700)		Yes (AVerDiGi TM1900/1700)	
Dual Monitor Output	Yes				Yes		Yes	
Distinction	Hardware compression real-time recording provide best quality and save your CPU loading with guaranteed recording frame rate				Breakthrough true PCI-Ex4 interface to provide maximun bandwidth for 16 channels D1 real-time recording and display		Hardware compression real-time recording at D1 resolution provides best quality and save your CPU loading with guaranteed recording frame rate	

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