

Window-Based Security DVR Solution Comparison Chart (updated 6/26/2007)

Product Model	<u>NV7000H Series</u>		<u>NV7000 Series</u>		<u>NV6480EXP</u>		<u>NV6240EXP-8CH</u>		<u>NV6240EXP-16CH</u>		<u>NV5000 Series</u>		<u>NV3000 Series</u>			
Features	Real time display and recording, a pure H.264 MPEG4 hardware-compression solution! Our top of the line Windows-based digital surveillance recording (DVR) solution that provides remote recording & monitoring, digital video archiving, password protection, and much more. Audio and video recording in synchronization. Also stackable up to 2 video capture cards for a total of 16 channels. Now you can also take advantage of a meshed IP / CCTV Camera infrastructure for your daily surveillance needs.		Real time display and recording, a pure hardware-compression solution! Our top of the line Windows-based digital surveillance recording (DVR) solution provides remote recording & monitoring, digital video archiving, password protection, and much more. Audio and video recording in synchronization. Also stackable up to 4 video capture cards.		The AVerDiGi NV6480EXPRESS Series HYBRID Surveillance Platform is AVerMedia's latest addition to the NV series family. This 16 CH PCI Express card is capable of real time preview and recording while maintaining the highest video quality needed in surveillance. Software also supports the installation of a 32 channel system. Simply stack 2 NV6480EXP to get a 32CH solution		The AVerDiGi NV6240 Express 8-CH Series HYBRID Surveillance Platform is AVerMedia's latest addition to the NV series family. This 8 CH PCI Express card is capable of real time preview and recording while maintaining the highest video quality needed in surveillance.		The AVerDiGi NV6240EXPRESS Series HYBRID Surveillance Platform is AVerMedia's latest addition to the NV series family. This 16 CH PCI Express card is capable of real time preview and 240fps recording while maintaining the highest video quality needed in surveillance. Software also supports the installation of a 32 channel system. Simply stack 2 NV6240EXP-16CH to get a 32CH solution		The AVerDiGi NV5000 Series HYBRID Surveillance Platform features a comprehensive, yet user-friendly Windows-based digital surveillance recording (DVR) solution. It provides remote recording & monitoring, digital video archiving, password protection, audio and video recording synchronization, and much more. Expandable from 4 to 16 cameras, the AVerDiGi NV5000 Series provides the tools needed for total security in virtually any environment. Now you also have the added advantage of incorporating the best in CCTV Analog cameras as well IP cameras into a meshed Hybrid environment!!		Our Entry level 4-port PCI card. You can stack up to 4 cards to make a 16 channel system.			
Video Cards	1	2	1	2	1	2	1	2	1	2	1 main card + 3 optional video extension cards	2 main cards + 2 optional video extension cards	1	2	3	4
Video Input	8	16	4	8	16	32	8	16	16	32	4, 8, 12, 16	8, 16	4	8	12	16
Audio Input	8	16	4	8	16	32	8	16	16	32	4 (Optional Audio Card)	4 (Optional Audio Card)	1 (Optional Audio Card)	2 (Optional Audio Card)	3 (Optional Audio Card)	4 (Optional Audio Card)
Display Rate(NTSC) fps	240	480	120	240	480	960	240	480	240	480	120	240	30	60	90	120
Recording Rate(NTSC) fps (CIF)	240	480	120	240	480	960	240	480	240	480	120	240	30	60	90	120
Recording Rate(NTSC) fps (D1 720 x 480 or VGA 640x480)	60	120	30	60	640 x 480 (VGA) at 480 fps or 720 x 480 (D1) at 160 fps (Using Intel Core™2 Duo processors)	640 x 480 (VGA) at 480 fps or 720 x 480 (D1) at 240 fps (Using Intel Core™2 Duo processors)	640 x 480 (VGA) at 240 fps or 720 x 480 (D1) at 80 fps (Using Intel Core™2 Duo processors)	640 x 480 (VGA) at 480 fps or 720 x 480 (D1) at 160 fps (Using Intel Core™2 Duo processors)	640 x 480 (VGA) at 240 fps or 720 x 480 (D1) at 80 fps (Using Intel Core™2 Duo processors)	640 x 480 (VGA) at 480 fps or 720 x 480 (D1) at 160 fps (Using Intel Core™2 Duo processors)	Varies depending on CPU Processor	Varies depending on CPU Processor	Varies depending on CPU Processor	Varies depending on CPU Processor	Varies depending on CPU Processor	Varies depending on CPU Processor
Sensor Input/Relay Output	4/4	8/8	4/4	8/8	4/4	8/8	4/4	8/8	4/4	8/8	4/3 (Optional I/O Box)	4/3 (Optional I/O Box)	4/3 (Optional I/O Box)	8/6 (Optional I/O Box)	12/9 (Optional I/O Box)	16/12 (Optional I/O Box)
IP Camera Access **	8	16	4	8	16	32	8	16	16	32	4, 8, 12, 16	8, 16	1			
Compression Method	H.264 (Hardware)		MPEG4 (Hardware)		MPEG4, H.264 (Software)		MPEG4, H.264 (Software)		MPEG4, H.264 (Software)		H.264, MPEG4, MJPEG (Software)		H.264, MPEG4, MJPEG (Software)			
TV-OUT	1 Channel Display Auto Scan		1 Channel Display Auto Scan		1 Channel Display Multiplex		1 Channel Display Multiplex		1 Channel Display Multiplex		1 Channel Display Auto Scan		1 Channel Display Auto Scan			
Interface	32 Bit PCI		32 Bit PCI		High Speed PCI Express x 1		High Speed PCI Express		High Speed PCI Express x 1		32 Bit PCI		32 Bit PCI			
NV Software Version Supported	Version 7.1		Version 5.7		Version 7.1		Version 7.1		Version 7.1		Version 7.1		Version 7.1			
Maximum Recording Resolution	1920 x 1280 (Selected Megapixel IP Cameras)		720 x 480		1920 x 1280 (Selected Megapixel IP Cameras)		1920 x 1280 (Selected Megapixel IP Cameras)		1920 x 1280 (Selected Megapixel IP Cameras)		1920 x 1280 (Selected Megapixel IP Cameras)		720x480			

*Specifications subject to change without prior notice
** NV3000/5000/6000/6240/6480EXP/7000/7000H software version 5.5 or above