

## Window-Based Security DVR Solution Comparison Chart (updated 2/12/2007)

Product Model	NV7000H Series		NV7000 Series		NV6480 Express Series (NV6480EXP)	NV6240Express-8CH Series (NV6240EXP-8CH)		NV6000 Series (NV6240 / NV6000)	NV5000 Series		NV3000 Series			
<b>Features</b>	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 provides remote recording & monitoring, digital video archiving, password protection, audio and video recording synchronization, and much more. Now you have the flexibility of installing a single 16-channel PCI Express card into your surveillance PC.	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 NV6000 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. Now you have the flexibility of installing a single 16-channel PCI card into your surveillance PC.	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!!		The AVerDiGi NV3000 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 NV3000 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!!			
<b>Video Cards</b>	1	2	1	2	1	1	2	1	1 main card + 3 optional video extension cards	2 main cards + 2 optional video extension cards	1	2	3	4
<b>Video Input</b>	8	16	4	8	16	8	16	16	4, 8, 12, 16	8, 16	4	8	12	16
<b>Audio Input</b>	8	16	4	8	16	8	8	8	4 (Optional Audio Card)	4 (Optional Audio Card)	1 (Optional Audio Card)	2 (Optional Audio Card)	3 (Optional Audio Card)	4 (Optional Audio Card)
<b>Display Rate(NTSC/PAL) fps</b>	240/200	480/400	120/100	240/200	480/400	240/200	480/400	480/400	120/100	240/200	30/25	60/50	90/75	120/100
<b>Recording Rate(NTSC/PAL) fps (CIF)</b>	240/200	480/400	120/100	240/200	480/400 (NV6480EXP)	240/200	480/400	480/400 (NV6000) 240/200 (NV6240)	120/100	240/200	30/25	60/50	90/75	120/100
<b>Recording Rate(NTSC/PAL) fps (D1 720 x 480 or 640x480)</b>	60/50	120/100	30/25	60/50	640 x 480 (VGA) at 480/400 fps or 720 x 480 (D1) at 160/128 fps (Using Intel Core™2 Duo processors)	640 x 480 (VGA) at 240/200 fps or 720 x 480 (D1) at 80/64 fps (Using Intel Core™2 Duo processors)	640 x 480 (VGA) at 480/400 fps or 720 x 480 (D1) at 160/128 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	Varies depending on CPU Processor
<b>Sensor Input/Relay Output</b>	4/4	8/8	4/4	8/8	4/4	4/4	4/4	4/4	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)
<b>IP Camera Access **</b>	8	16	4	8	16	8	16	16	4, 8, 12, 16	8, 16	1			
<b>Compression Method</b>	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)			
<b>TV-OUT</b>	1 Channel Display Auto Scan		1 Channel Display Auto Scan		1 Channel Display Multiplex	1 Channel Display Multiplex		1 Channel Display Auto Scan	1 Channel Display Auto Scan		1 Channel Display Auto Scan			
<b>Interface</b>	32 Bit PCI		32 Bit PCI		High Speed PCI Express x 1	High Speed PCI Express		32 Bit PCI	32 Bit PCI		32 Bit PCI			

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