

Window-Based Security DVR Solution Comparison Chart (updated 5/15/2007)

Product Model	NV7000H Series		NV6480EXP		NV6240Express-8CH Series (NV6240EXP-8CH)		NV6240		NV5000		NV3000		
Features	<p>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 that supports 32 channels * (2 NV6480EXPRESS cards) will be released towards the middle to end of Q2 2007.</p> <p>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.</p> <p>The AVerDIGI NV6240 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 in 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!!</p> <p>Our Entry level 4-port PCI card. You can stack up to 4 cards to make a 16 channel system.</p>												
Video Cards	1	2	1	2*	1	2	1	2 main cards + 2 optional video extension cards	1	2	3	4	
Video Input	8	16	16	32*	8	16	16	4, 8, 12, 16	4	8	12	16	
Audio Input	8	16	16	32*	8	16	8	4 (Optional Audio Card)	1 (Optional Audio Card)	2 (Optional Audio Card)	3 (Optional Audio Card)	4 (Optional Audio Card)	
Display Rate(NTSC/PAL) fps	240/200	480/400	480/400	960/800*	480/400	480/400	240/200	480/400	120/100	240/200	60/50	90/75	120/100
Recording Rate(NTSC/PAL) fps (CIF)	240/200	480/400	480/400	960/800*	240/200	480/400	240/200 (NV6240)	240/200	120/100	240/200	60/50	90/75	120/100
Recording Rate(NTSC/PAL) fps (D1 720 x 480 or 640x480)	60/50	120/100	480/400 (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 480/400 fps or 720 x 480 (D1) at 160/128 fps (Using Intel Core™2 Duo processors)	480/400 (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 480/400 fps or 720 x 480 (D1) at 160/128 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
Sensor Input/Relay Output	4/4	8/8	4/4	8/8*	4/4	8/8	4/4	4/4	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	16	32*	8	16	16	4, 8, 12, 16	4, 8, 12, 16	8, 16	1	1	
Compression Method	H.264 (Hardware)												
TV-OUT	1 Channel Display Auto Scan												
Interface	32 Bit PCI												
NV Software Version Supported	Version 7.1												
Maximum Recording Resolution	1920 x 1280 (Selected Megapixel IP Cameras)												
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**Specifications subject to change without prior notice
 ** NV4000/5000/6000/6480EXPRESS/7000/7000H software version 5.5 or above