

NV 3000 / 5000 / 6000 / 6000E / 7000H V7.3.0.0013 Release Note

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[System Requirement]

Product	Item	Recommend
NV3000/5000	CPU	Intel P4 2.8GHz
	Mother Board	Intel 865/915/925/945/955/965/975 chipset
	RAM	1 GB
	Graphic Card	16-bit high color SVGA graphic card with Direct & YUV Rendering capability, 64MB video memory at least
	HDD	120GB for each partition
	Ethernet	CSA or PCI-E Gigabyte LAN
	OS	Windows 2000 / XP Professional / Vista
NV6000	CPU	Pentium 4 3.0 GHz or higher
	Mother Board	Motherboard with Intel 865, 875, 915, 945 Chipset (VIA/SiS/Ali chipset motherboards not supported) (Recommended Intel, ASUS, Gigabyte, MSI)
	RAM	512MB or higher
	Graphic Card	32-bit high color SVGA graphics card with at least 128MB video memory and DirectDraw/ YUV Rendering Capability (AGP or PCI Express recommended)
	HDD	80GB or higher
	Ethernet	CSA or PCI-E Gigabyte LAN
	OS	Windows XP Professional
	Others	Sound card and speakers
NV6000E	CPU	1. Pentium® 4 3.2 GHz or higher 2. Dual core CPU is highly recommended
	Mother Board	Motherboard with Intel 915 · 945 · 955 · 965 · 975 chipset and NVIDIA nForce™4 Ultra MCP · nVidia nForce 570 SLI chipset
	RAM	1024MB or higher
	Graphic Card	32-bit high color SVGA graphics card with 128MB video memory and DirectDraw® / YUV Rendering Capability
	HDD	120GB or higher
	Ethernet	10/100 Base-T Ethernet card
	OS	Windows XP Professional / Vista
	Others	PCI-Express x1, Sound card and speakers

NV7000H	CPU	Pentium 4 2.8 GHz or higher
	Mother Board	Motherboard with Intel 865 / 945 / 955 / 965 chipsets
	RAM	512MB or higher
	Graphic Card	32-bit high color SVGA graphics card with 64MB video memory and DirectDraw/ YUV Rendering Capability
	HDD	80GB or higher
	Ethernet	10/100 Base-T Ethernet card
	OS	Windows XP Professional/ Vista
	Others	Sound card and speakers
NV6000E x 2 (32 Channel)	CPU	Intel Core 2 Duo E6600 2.4 GHz
	Mother Board	Motherboard with Intel 865 / 945 / 955 / 965 chipsets *Two PCI-E x 1 slots are required to install 32 channels system
	RAM	1024MB or higher
	Graphic Card	32-bit high color SVGA graphics card with 64MB video memory and DirectDraw/ YUV Rendering Capability
	HDD	80GB or higher
	Ethernet	10/100 Base-T Ethernet card
	OS	Windows XP Professional/ Vista
	Others	Sound card and speakers

Note: At least 1G RAM is advised if you want to install mega-pixel IP camera on your DVR system.

[New Features]

1. Support wide screen resolution with brand new GUI design for best display efficiency
2. Improved IP camera preview and recording frame rate by saving original video data
3. On-screen alarm buttons for users to trigger alarm manually during emergency
4. Real-time video watermark verification for recorded and snapshot image
5. Full resolution snapshot and video output for IP camera image with resolution up to 1920x1200(resolution bigger than 1920x1200 will be downsized to 1920x1200)
6. Users could allocate storage path and size for alarm generated snapshot images, the system will auto recycle when storage files are over the maximum allocated size
7. Added PTZ control function for Remote Console and PTZ speed control are now available on both Remote Console and WebViewer
8. Auto Backup function for easy backup when USB or CD/DVD storage devices are detected
9. Flexible dual monitor options for preview and playback or Emap
 - A. Enable dual monitor mode when two monitors are connected(preview in 1st monitor and playback or Emap in 2nd monitor)
 - B. Enable dual monitor mode but Only display DVR system in 2nd monitor
 - C. Disable dual monitor mode when two monitors are connected(only display DVR system in 1st monitor)

10. Backup function support in Playback
11. iPOS function for adding customized POS protocol for your own POS machine
12. Independent IP camera module update which allow users to obtain up to date IP camera support without installing the whole DVR software
13. Support DVR system upgrade via USB
14. Guest mode support – allow preview and playback before user log in
15. Support AVerDiGi system controller
16. Pulse trigger function for relay devices (continuously trigger relay devices in every specified time interval)
17. Support Ethernet connection of AVerDiGi External I/O-Box
18. Support AVerDiGi Display21 TV output accessory card (when using NV6000E+)
19. Expired/Activate user account based on specified date
20. Easy de-interlace mode selection for different video scenario by clicking on de-interlace button when playback
21. Limit WebViewer recording function by user account configuration

[Improvement]

1. Maximum number of alarm image transmission via FTP increased to 32 pictures
2. Allow system administrator to decide adding video player into backup video folders or not
3. Include PTZ/IP PTZ setting information into system configuration import/export
4. Advanced AVI transcode technology for faster AVI video output
5. Improve the accuracy of motion detection when sensitivity is set to be low

[Limitation]

1. First 10 seconds of each hour would be recorded under motion recording status
2. H264 compression needs more CPU resource, and will reduce the frame rate per channel
3. OSD control is not supported under dual monitor environment

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