

**NV 3000 / 5000 / 6000E / 7240 / 7480 / 7000H / 8416E4 / 9000E /
NX8000 Series / NXU8000 Series 7.7 SP1**

V7.7.0.015 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 / P35 / P45 chipset |
| | RAM | 1 GB or higher |
| | 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 | 10/100 Base-T Ethernet card |
| | OS | Windows XP Professional / Vista |
| 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 / P35 / P45 chipset and NVIDIA nForce™4 Ultra MCP , nVidia nForce 570 SLI chipset |
| | RAM | 1GB 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 | 10/100/1000 Base-T Ethernet card |
| | OS | Windows XP Professional / Vista |
| | Others | PCI-Express x1, 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 / P35 / P45 chipsets *Two PCI-E x 1 slots are required to install 32 channels system |
| | RAM | 1GB 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 | 10/100/1000 Base-T Ethernet card |
| | OS | Windows XP Professional/ Vista |
| | Others | Two PCI-Express x1, Sound card and speakers |
| | CPU | Pentium 4 3.2 GHz or higher |
| | Mother Board | Motherboard with Intel 865 / 945 / 955 / 965 / 975 / P35 / P45 chipsets |

| | | |
|--------------------------|---------------------|--|
| NV7480 NV7240 | RAM | 1GB or higher |
| | Graphic Card | 32-bit high color SVGA graphics card with 128MB 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 |
| NV7000H | CPU | Pentium 4 2.8 GHz or higher |
| | Mother Board | Motherboard with Intel 865 / 945 / 955 / 965 / P35 / P45 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 |
| NV8416E4 | 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 / P35 / P45 chipset and NVIDIA nForce™4 Ultra MCP , nVidia nForce 570 SLI chipset |
| | RAM | 1GB 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 | 10/100/1000 Base-T Ethernet card |
| | OS | Windows XP Professional / Vista |
| | Others | PCI-E x4 interface, Sound card and speakers |
| NV9000E | CPU | Core2Duo E82 2.66Ghz or above |
| | Mother Board | Motherboard with Intel 915 / 945 / 955 / 965 / 975 / P35 / P45 chipset and NVIDIA nForce™4 Ultra MCP , nVidia nForce 570 SLI chipset |
| | RAM | 2GB or higher |
| | Graphic Card | 32-bit high color SVGA graphics card with 256MB video memory and DirectDraw® / YUV Rendering Capability |
| | HDD | 500GB or higher |
| | Ethernet | 10/100/1000 Base-T Ethernet card |
| | OS | Windows XP Professional / Windows Vista |
| | Others | PCI-Express x1, Sound card and speakers |

Note: At least 2G RAM is advised if you want to install mega-pixel IP camera on your DVR system.

[New Function]

1. iDispatch Server supports PDAViewer and JAVAViewer connection
 - Users are now allowed to connect to iDispatch Server with PDA or mobile phone

[Improvement]

1. DVR will record log information in event log when operating Remote Backup
 - Only available when DVR and CM3000 are both 7.7 SP1 version or above
2. Options to include player when output video clip in CM3000 playback

[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 FPS per channel
3. OSD control is not supported under dual monitor environment
4. IP camera connection is limited up to 8 channels for NV5000 system
5. Up to 42 mega pixels resolution in total for all IP camera channels could be connected in one system

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