

## Important Notice on NVR v2.2 Service Pack 2

### Contents

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- What's new
- NVR 2.2 SP2 supported Operation System
- How to install NVR 2.2 SP2
- Important Notes on Windows Vista Environment
- NVR 2.2 SP2 Download Link
- ACTi Utility Suite Download Link
- Documents

### What's new

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In this update, we have greatly improved the performance and reliability of our NVR. Although it looks the same, now the engine runs much smoother.

NVR Workstation and Server in Enterprise version are now separate. This provides a unified interface for our upcoming CMS server, and helps reduce unnecessary install of bundled server software on workstations. Please note that Enterprise server users will need to install Enterprise Workstation 2.2.56 for icons to appear and access Enterprise Server on the same PC. Just installing Enterprise Server 2.2.47 will no longer work. NVR Professional remains a single package.

Since USB HDDs and DVD-R/RW are generally much less reliable than required, we no longer support them in NVR SP2. If you already use them for recording, we ask you to kindly switch to an internal hard drive for better stability. We apologize for any inconveniences.

## NVR 2.2 SP2 supported Operation System

Supported Operating System	
Windows XP SP3	Professional (SP3)
Windows Server 2003	Standard (SP2)
Windows Vista	Business (SP1)
	Enterprise (SP1)
	Ultimate (SP1)

★ Does Not support with Windows XP SP2

There is a windows compatible issue on Windows XP SP2 and SQL 2005 Express SP3.

However, NVR v2.2 / CMS v1.0 will use SQL 2005 Express SP3 , hence please update your Windows XP professional to XP sp3 before you install NVR.

★ Does Not support with Windows Vista Home Edition

★ Windows Server 2008 Standard and Enterprise will be supported in next version

★ Does Not support 64 Bit Windows

★ Please make sure all hot fix and service pack are patched

## How to install the NVR 2.2 SP2

When you install NVR v2.2 on a PC, the procedure is different in different conditions (according to Operating System and if there's any NVR currently installed).

Please refer to below table to find your condition and follow below instruction to install NVR.

PC Condition	Operating System		
	Windows XP	Windows Server 2003	Windows Vista
			Business(SP1) Enterprise(SP1) Ultimate (SP1)
	SP3	Standard (SP2)	
Fresh Installation	Install NVR directly		
NVR v2.2 older version Installed	Condition 1		
NVR v2.1 series Installed	Condition 1		
NVR v2.0 series Installed	Condition 2		
Activator v1.3/v1.4 Installed	Condition 3		

★ Condition 1:

(NVR v2.1 series · NVR 2.2 Beta 0[2.2.0.5] · Beta1[2.2.1.1] · Beta2[2.2.1.9] · SP1[2.2.3.4] · SP1 Patch[2.2.3.5])

Step 1: Backup database using [BackupWizard v2.0.13](#)

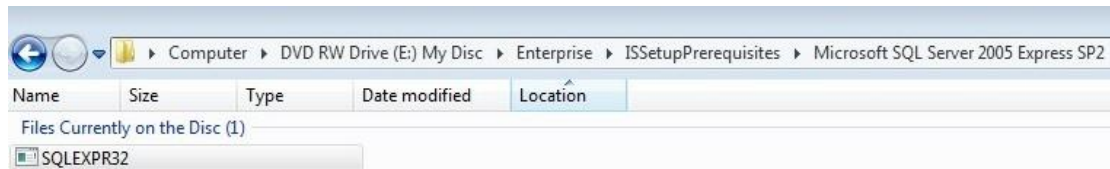
Step 2: Uninstall old NVR / NVR Workstation / SQL

Step 3: If **SQL 2005 Express had been installed** on your computer, please install the SQL 2005 Express SP3 SQLEXP32.EXE manually from our NVR CD or unzip the NVR 2.2 ([NVR 2.2 SP2 download link](#))

You can find the SQLEXP32.EXE under the path.

Enterprise\ISSetupPrerequisites\Microsoft SQL Server 2005 Express SP2 or

Professional\ISSetupPrerequisites\Microsoft SQL Server 2005 Express SP2



The account is your original ID and Password of SQL 's database (SA).

If there is no SQL 2005 Express on your computer, NVR will install it automatically during NVR installation program.

Step 4: For Enterprise Server user, please install NVR SP2 Enterprise Server 2.2.47 first, then install NVR SP2 Workstation 2.2.56.

For Enterprise Workstation user, please install NVR SP2 Workstation 2.2.56

For Professional user, please install Professional 2.2.47

Step 5: Restore database using BackupWizard and activate the old license key

★ Condition 2 :

(NVR v2.0 series)

Step 1: Backup database using [BackupWizard v2.0.13](#)

Step 2: Uninstall NVR v2.0 series

(clicking uninstall in Control Panel -> Add/Remove Application -> Software -> NVR v2.0)

Step 3: For Enterprise Server user, please install NVR SP2 Enterprise Server 2.2.47 first, then install NVR SP2 Workstation 2.2.56

For Enterprise Workstation user, please install NVR SP2 Workstation 2.2.56.

For Professional user, please install Professional 2.2.47

Step 4: Restore database using BackupWizard (note that only camera setup table will be restored.) and activate the old license key

★ Condition 3: (Activator v1.3/v1.4 series)

Step 1: Database is not compatible with NVR v2.1. Previous recording and camera information will be lost after upgrade. \*

Step 2: For Enterprise Server user, please install NVR SP2 Enterprise Server 2.2.47 first, and then install NVR SP2 Workstation 2.2.56

For Enterprise Workstation user, please install NVR SP2 Workstation 2.2.56

For Professional user, please install Professional 2.2.47

Step 3: Previous recordings are needed to be manually deleted after an upgrade is made from Activator V1.3/1.4 to NVR 2.2. Otherwise NVR 2.2 WON'T have enough hard drive capacity to record.

## Important Notes on Windows Vista Environment

1. NVR 2.2 series supports Windows Vista Business, Enterprise and Ultimate edition
2. Please update all Windows Vista patches and hot-fixes before installing ACTi NVR
3. When installing NVR v2.2 series on Windows Vista environment, please use following mechanisms to make sure the installation can complete successfully
  - a. Login Windows Vista account needs to have Administrator rights
  - b. If the account does not have UAC (User Account Control) disabled, NVR Installation will disable it automatically.  
Note that this will require a reboot computer operation. After the computer come back with UAC disabled, please start Autorun and install NVR v2.2 again.
  - c. Or turn off UAC(User Account Control) manually before installation (Please refer to “Disable Windows Vista UAC” section in Quick Installation Guide for details)

## NVR 2.2 SP2 Download link

Since NVR SP2 Workstation now supports our CMS server in addition to Enterprise NVR Server, it is now a separate installation.

Please make sure you download and install BOTH Enterprise SERVER and Enterprise WORKSTATION on the server PC.

NVR Enterprise Server v2.2.47, Click [Here](#) to download Size: 263 MB

NVR Enterprise Workstation v2.2.56, Click [Here](#) to download Size: 146 MB

NVR Professional v2.2.47, Click [Here](#) to download Size: 294 MB

## ACTi Utility Suite Download link

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NVR 2.2 SP2 already bundled the ACTi Utility Suite below

	Backup Wizard	Media Converter	IP Utility	Streaming Explorer	Archive Player
Version	V2.0.13	V2.1.11	V3.5.20	V2.0.02	V2.1.03

Latest Utility Version on our website (Click [Here](#) to download the latest utility)

	Backup Wizard	Media Converter	<b>IP Utility</b>	Streaming Explorer	Archive Player	<b>Mobile Explorer</b>
Version	V2.0.13	V2.1.11	<b>V3.5.23</b>	V2.0.02	V2.1.03	<b>V2.1.10</b>

## Documents

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Release Note (Click [Here](#))

NVR Quick Installation Guide (Click [Here](#))

NVR User's Manual (Click [Here](#))

Utility Manual (Click [Here](#))