

NVR Professional Edition V2.2.28 NVR Enterprise Edition, V2.2.34

Quick Installation Guide

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TABLE OF CONTENTS

١.	ADMINISTRATOR'S CHECK LIST	7
2.	OPERATOR CHECK LIST	8
3.	SYSTEM REQUIREMENTS Supported Operating System and Browser Recommended PC Specification – 16 channels Recommended PC Specification – 32 channels Recommended PC Specification – 48 channels Recommended PC Specification – 64 channels Existing Databases	9 9 9 10 10
4.	SELECTING WHICH PROGRAM TO INSTALL: NVR PROFESSIONAL OR NVR ENTERPRISE Description: Note to Vista Users: Disable User Access Control (UAC) 1. Go to the Start Menu → Control Panel → User Accounts 2. Select Turn User Account Control on or off 3. Uncheck box, then click OK. 4. System will prompt you to reboot. Do this now, then re-initialize the NVR Installation process.	 2 2 3 3 3
5.	INSTALLING NVR PROFESSIONAL Software Installer Step 1: Backup Database Click on the Step 1: Backup Database Link Enter Info into Backup Wizard Step 2. Install NVR Main Program I. Click on Step 2: Install NVR Professional Main Program link 2. Install SQL 2005 SP2 for NVR Professional 3. Install SQL 2005 SP2 for NVR Professional 3. Install SQL 2005 SP2 Progress 4. Install NVR Main Program 5. Default Installation Path: C:\Program Files\NVR 6. Install NVR Components 7. Database designation and setting default login 8. NVR Professional Installation Progress Bar 9. NVR Professional Installation Completed I0. Restart System	14 15 15 16 17 17 17 18 18 18 18 19 20 20 20
6.	INSTALLING NVR ENTERPRISE Enable Internet Information Services (IIS) Configure Internet Information Services (IIS) and Firewall Setting Enable IIS Status In Windows Vista Step 1. Click "Control Panel" Step 2. Click "Programs and Features" Step 3. Click "Turn Windows features on or off" option Step 4. Select "Internet Information Services" Step 5. Enable ASP Programs Install IIS under Windows XP Step 1: Locate IIS Package	22 22 23 23 24 25 25 26 27 28

2

	Step 2: Install IIS Package	28
	Step 3: Click Finish to complete installation.	29
	Install IIS under Windows 2003 Standard Edition	29
	Step I: Click Start \rightarrow Control Panel \rightarrow Add or Remove Program	29
	Step 2: Click Add/Remove Windows Components	30
	Step 3: Select Application Server	30
	Step 5: Click OK to install IIS Server	ו כ ז ו
		27
	Sol Server Seference lesteller	32 22
	SQL Server Software Installer	33
	Software Installer for NVR Program	34 24
	Check for Previous INVK Versions Select Installation Folder	34 25
	SOL Database Settings	36
	Use Windows Authentication if an error message appeared	37
	Select Components to Install	38
	Installation Process	39
	Installation Complete	39
	Reboot Computer	40
	Configure IIS in Windows Vista	41
	Step I. Use Backup Database to Restore Database	41
	Step 2. Go to desktop, right mouse click on Computer, select Manage	42
	Step 3. Click Service and Application \rightarrow Double-click on Microsoft Internet	40
	Information (IIS) Manager Stop 4. Click on Web Sites \rightarrow Default Web Site \rightarrow Click Basic Settings \rightarrow Select	42
	NVR Path	43
	Step 5. Check IIS Services	44
	Configure IIS for Windows XP and Windows 2003	45
	Step 1: Click Start -> Control Panel -> Administrative Tools	45
	Step 2: Click Internet Information Services (IIS)	46
	Step 3: Select "Local Computer" then select "Web Sites" then Right Click on Defa	ılt
	Web Site icon and select Properties	46
	Step 4: Click Home Directory tab and click "A directory	46
	Step 5: Browse or input C:\Program Files\NVR\IPControlCenter in the Local Path	47
	field. Stop (* (Mindows Somer 2002 only) Click the "Maleh Someics Extension" and	4/
	windows below shows on screen	47
	Step 7: (Windows Server 2003 only) Click the "Active Server Pages" then click the	77
	"Allow" button. When the "Active Server Pages" is allowed, the setting is complet	ed.47
7.	INSTALLING NVR WORKSTATION	48
	InstallWizard – NVR Workstation	48
	Check for previous versions	49
	Select Installation Folder	49
	Select Components to Install	50
	Begin Installation	50
	Installation Complete	51
	Reboot System	51
8.	NVR PROGRAM BASIC FUNCTIONS	52
	Adding Devices	52
	Create Camera Group	52
		3

Add a Camera to the Group	53
Change Monitor Layout	56
Setup Layout	56
Schedule Recording	57
Archiving	57
PTZ Setting	57
Event Action Setting	58
Account Setup	58
Remote Client Login	59
How to Login	59
TROUBLE SHOOTING	60
NVR Troubleshooting	60
NVR Installation Troubleshooting	63
Create database error	63
Install NVR v2.2 Again	64
Disable UAC Error during Installation	65
Disable User Access Control	65
Un-install SQL 2005 Notes	66
Select SQLEXPRESS:Database Engine enable	66
Click Finish to un-install SQL2005	67
Un-installation progress	67
Uninstall SQL Server 2000 Notes	68
Select SQL Server Desktop Engine, then click remove	68

9.

Table of Figures

Figure 1.1 – Administrator Checklist	7
Figure 2.1 - Operator Checklist	8
Figure 3.1 – System and Browser Requirements	9
Figure 4.1 – NVR Version Breakdown	
Figure 4.2- Disable UAC - Go to Control Panel	12
Figure 4.3 - Disable UAC - User Accounts Screen	13
Figure 4.4 – Disable UAC - UAC Screen	13
Figure 5.1 - Installation CD Autorun Page	14
Figure 5.2 - Installation Autorun Screen	14
Figure 5.3 - Step 1: Select Backup Database	15
Figure 5.4 - Backup database data from NVR Professional	16
Figure 5.5 - Step 2: Install NVR Main Program	17
Figure 5.6 - Install SQL 2005 SP2	17
Figure 5.7 - SOL 2005 SP2 installation progress	18
Figure 5.8 - Install the NVR Main Program	18
Figure 5.9 - Default Installation Path: C:\Program Files\NVR	
Figure 5.10 - Install NVR Components	
Figure 5.11 - Database designation and setting default login	19
Figure 5.12 - NVR Professional Installation	20
Figure 5 13 - NVR Professional Installation Complete	20
Figure 5.14 - Click Yes button to re-start the system	21
Figure 6.1 - Configure IIS – Control Panel	23
Figure 6.2 - Configure IIS – Programs and Features	24
Figure 6.3 - Configure IIS – Turn Windows Features On/Off	25
Figure 6.4 - Configure IIS – Select Internet Information Services	25
Figure 6.5 - Configure IIS – Enable ASP Feature	26
Figure 6.6 - Select Start -> Control Panel -> Add or Remove Program	27
Figure 6.7 - Locate IIS Package location	28
Figure 6.8 - Installing IIS Service	28
Figure 6.9 - Click Finish to complete installation	29
Figure 6.10 - Select Start -> Control Panel -> Add or Remove Program	29
Figure 6.11 - Select Add/Remove Windows Components	30
Figure 6.12 - Select Application Server	30
Figure 6.13 - Select Internet Information Services (IIS)	31
Figure 6.14 – Select Save File after clicking NV/R Enterprise from Autorup menu	32
Figure 6.15 - Click Install to run the Install Wizard	
Figure 6 16 - InstallWizard will begin to install SQL Server Software	33
Figure 6.17 - Click Next to begin the NV/R Software Installation	34
Figure 6.18 - If a previous version of NVR Enterprise is detected on the system	34
Figure 6.19 - Click next to accept the default installation nath	35
Figure 6.20 - IMPORTANT: DO NOT CHANGE ANY SETTINGS ON THIS	
SCREEN: SIMPLY HIT "NEXT"	36
Figure 6.21 - If this error appears, click pext and follow the instructions on the	
next name	36
Figure 6.22 - Select Windows authentication and click Next Do not change	
any other settings on this screen	
Figure 6 23 - Click Next to continue Do not make any changes	38
Figure 6.24 - Click Next to begin the installation of the NVR software	38
Figure 6.25 - The installation process may take several minutes	39
Figure 6.26 - Click Next to exit the InstallWizard	
Figure 6.27 - Click Yes to reboot now or No to reboot later	40

Figure 6.28 - Restore data from NVR Professional	.41
Figure 6.29 - Configure IIS - Manage Computer	. 42
Figure 6.30 - Configure IIS - Select IIS Manager	. 42
Figure 6.31 - Configure IIS - Select NVR Path	. 43
Figure 6.32 - Configure IIS Web Service	. 44
Figure 6.33 - Select Administrative Tools	. 45
Figure 6.34 - Select Internet Information Services (IIS)	. 46
Figure 6.35 - Select IIS Properties	. 46
Figure 6.36 - Configure IIS Path, Default: C:\Program	
Files\NVR\IPControlCenter	. 47
Figure 6.37 - Allow Active Server Pages	. 47
Figure 7.1 - Installing NVR Workstation	. 48
Figure 7.2 - Click Next to begin the installation	. 48
Figure 7.3 – Wait for the wizard to check for previous versions, then click Next	. 49
Figure 7.4 – Please do not change the default installation path	. 49
Figure 7.5 – Click Next, do not change any settings	. 50
Figure 7.6 - Click Next to begin the installation	. 50
Figure 7.7 - The installation may take several minutes.	. 51
Figure 7.8 – Click Finish to complete the installation.	. 51
Figure 7.9 - Click Yes to reboot now or No to reboot later	. 51
Figure 8.1 - Add Camera Group, Step 1	. 52
Figure 8.2 - Add Camera Group, Step 2	. 52
Figure 8.3 - Select Camera Setup	. 53
Figure 8.4 - Select Camera Tab	. 53
Figure 8.5 - Auto Search for Devices	. 53
Figure 8.6 - Select Device, Assign ID	. 54
Figure 8.7 - Assign Camera to a Group	. 54
Figure 8.8 - Manual Camera Setup	. 55
Figure 8.9 - Setup Layout	. 56
Figure 9.1 - Save Device Settings Failure	. 60
Figure 9.2 Error 27552: Error creating database ControlCenter	. 63
Figure 9.3 Disable UAC and Reboot the System	. 65
Figure 9.4 Remove SQL Server 2005	. 66
Figure 9.5 Remove SQL Server 2000	. 68

1. Administrator's Check List

No	Status	ltem	Description	Reference
Pre	-install			
I		Check PC requirement	To ensure the software running well, please make sure the PC spec is compatible with the software.	Quick Installation Guide Ch I-Administrator's Check List
2		Disable UAC (Vista)	The installation process requires that Vista users disable User Access Controls.	
3		Enable IIS Features	IIS allows the machine housing the NVR software to distribute saved video files to remote clients.	
Inst	all			
I		Install Software	Please follow the installation guide step by step to install the software.	Quick Installation Guide Ch 2-Installing the Software
2		Check installation	After installation, please also check the below items before you move to next step.	Quick Installation Guide
			I. License input (not applicable for NVR Professional)	<u>N/A</u>
3		Configure IIS	Configure windows to route remote clients to the directory containing the saved video files.	
Set	ир			
I		Create Camera Group and add cameras	NVR camera channel management is based on camera groups. Start by creating camera groups and adding cameras. Ex: There are 4 floors in this system. You can start by creating IF, 2F, 3F, 4F, 4 groups. When adding each individual camera, you can select the group which it belongs to.	<u>User Manual</u> Ch 7 ActiveSetup
2		Configure Camera Setup	Set some camera settings, like PTZ setting, bit rate.	<u>User Manual</u> Ch 7 ActiveSetup
3		Configure Scheduling	Set the recording schedule for each individual camera.	<u>User Manual</u> Ch 7 ActiveSetup
4		Configure Event handling	Set the action desired for different events	<u>User Manual</u> Ch 7 ActiveSetup
5		Configure Storage	Set hard disk arrangement and recording-deletion rule for video recording	<u>User Manual</u> Ch 7 ActiveSetup
6		Configure Preview layout	Set the preview layout during preview	<u>User Manual</u> Ch 7 ActiveSetup
7		Configure E-map (Optional)	Set up E-map if necessary	<u>User Manual</u> Ch 7 ActiveSetup
8		Configure Accounts	Set up user accounts and set authentication levels	<u>User Manual</u> Ch 7 ActiveSetup

Figure 1.1 – Administrator Checklist

2. Operator Check List

No	Status	Main Category	Description	Reference
Set	up			
I		Live Preview	Operator should be able to see the live preview and to do basic operations.	<u>User Manual</u> Ch 3 Active Monitor
2		PTZ control	Operator should be able to control the PTZ	<u>User Manual</u> Ch 3 Active Setup
3		E-map Preview (Optional)	Operator should be able to launch the E-map preview and perform basic operations.	<u>User Manual</u> Ch 5 Active MAP
4		Search & Playback	Set the action related to different events	<u>User Manual</u> Ch 4 Active Player
5		Web-client Access operation	Set the action related to different events	User Manual Ch 6 Web-Client

Figure 2.1 - Operator Checklist

3. System Requirements

Supported Operating System and Browser

Supported	Operating	System:
Supported	Operating	System.

Operating System	Comments
Windows XP	Windows XP SP3
Windows 2003	Windows 2003 Server, WSS 2003
Windows Vista	Windows Vista SPI, Enterprise or Business Only

Supported Browser:

1

Operating System	Comments
Mi crosoft I nternet Expl orer v6. 0	IE 6.0 with the most updated service pack
Microsoft Internet Explorer v7.0	IE 7.0 with the most updated service pack

Figure 3.1 – System and Browser Requirements

NOTE: Windows 2000 is not supported

Recommended PC Specification – 16 channels

Supported PC Specification for 16-channel:		
ltem.	Specification	
CPU	Intel Core 2 Duo 2.4 GHz	
Memory	I GB	
Hard Drive Capacity	250 GB	
Video Card	nVidia 7600 chipset 256 MB	

Recommended PC Specification – 32 channels

Supported PC Specification for 32-channel:

ltem.	Specification
CPU	Intel Core 2 Duo 2.66 GHz
Memory	2 GB
Hard Drive Capacity	250 GB
Video Card	nVidia 7600 chipset 256 MB

Recommended PC Specification – 48 channels

1	Item.	Specification
	CPU	Intel Core 2 Quad 2.66 GHz
	Memory	4 GB
	Hard Drive Capacity	250 GB
	Video Card	nVidia 7600 chipset 256 MB

Supported PC Specification for 48-channel:

Recommended PC Specification – 64 channels

ltem.	Specification	
CPU	Intel Core 2 Quad 2.66 GHz	
Memory	4 GB	
Hard Drive Capacity	250 GB	
Video Card	nVidia 7600 chipset 256 MB	

NOTE: AMD chip and X64 series have not been tested and are not recommended.

Existing Databases

Do not install NVR Professional Edition software on a system running a separate database. This includes Microsoft SQL Server 2000, 2005, MSDE, MySQL, IBM DB2, IBM Informix, Oracle Database or any other SQL Servers. If a database exists on the machine that will house the NVR Professional software, remove it be referring to the Un-install SQL2005 section of this manual.



IMPORTANT: Do not install any database on the system. If there is a pre-existing database on the system, please remove it first. Please refer to the Un-install SQL 2005 section on how to remove it successfully.

4. Selecting Which Program to Install: NVR Professional or NVR Enterprise

Description:

NVR Professional Edition runs on a stand-alone system which will house the video records and manage the device settings. NVR Professional does not allow client access, meaning remote computers cannot view recorded data or adjust device settings.

If a client-server type NVR system is required (multiple users accessing video and device settings from remote locations), exit the installation and select the NVR Enterprise installation from the CD that accompanied the product.

This section covers the NVR Professional Edition installation.

	Recording	Preview	Playback	Client Access
NVR Professional				
NVR Enterprise				

Figure 4.1 – NVR Version Breakdown

Each NVR software package includes:

- 1. Win32 Service: Recorder, Event Manager, Storage Manager and Streaming Engine
- 2. Active Monitor, Active Player, Active Map and Active Setup



IMPORTANT: When you install either NVR version, the database installed from previous version NVR will be removed. If that information is important, please make sure you backup the database and restore it later with Backup Wizard.

Note to Vista Users: Disable User Access Control (UAC)

The installation process requires the administrator disable UAC (User Access Control) to initialize the installation. Disabling UAC requires a reboot. Follow the steps below to disable the function now to avoid an error message later.

IMPORTANT: The InstallShield Wizard requires that UAC be disabled.

1. Go to the Start Menu \rightarrow Control Panel \rightarrow User Accounts



Figure 4.2- Disable UAC - Go to Control Panel

2. Select Turn User Account Control on or off



Figure 4.3 - Disable UAC - User Accounts Screen

3. Uncheck box, then click OK.



Figure 4.4 – Disable UAC - UAC Screen

4. System will prompt you to reboot. Do this now, then re-initialize the NVR Installation process.

5. Installing NVR Professional

To continue with the installation of NVR Professional Edition, please insert the CD-ROM that accompanied the product and select Install NVR Professional, then click Save File to begin the installation (see below).

AIGIS Aigis	Mechtronics IP Video Utilities
Program	Installation and Documentation
IP Utility	Locate and view IP Camera on the network.
Documents	Review installation and operating instructions.
Compatibility List	NVR Software providers compatible with Aigis products.
NVR Professional (Standalone Version)	Install standalone NVR program.
NVR Enterprise (Client-Server Version)	Install client/sever NVR program.
Cegyright 2009 Aigis Mechtronics, Inc. Figure 5.1 ·	- Installation CD Autorun Page



Software Installer

Note that you cannot install NVR Enterprise Edition and NVR Profiession Edition on the same machine. You need to uninstal previous version before installing new application Install NVR Professional Edition v2.2.28 ServerApplication Deployment Support Channel Web Client NVR Professional Edition Stand-alone 64 Free. N/A	Installe Software	er		
Server Application Deployment Support Channel Web Client NVR Professional Edition Stand-alone 64 Free. N/A	Note that you cannot inst Profiession Edition on the previous version before in	all NVR Enterp same machin stalling new ap	orise Editione. You ne	on and NVR ed to uninstall
NVR Professional Edition Stand-alone 64 Free. N/A	Install NVR Profe	ssional <mark>Edit</mark>	ion v2.2.	28
	Install NVR Profe	ssional Edit	ion v2.2.	28 Web Client

Figure 5.2 - Installation Autorun Screen

Click on the Install NVR Professional Edition v2.2.28 link

Step I: Backup Database

If you have previously installed a version of NVR Professional and you wish to retain the video data stored in the database, use Backup Wizard to backup your database, then restore it after installation is complete.

For detailed instructions, please follow the instructions below or refer to the **<u>Backup Wizard User</u>** <u>manual</u>.

If no previous version of NVR Professional exists on the machine, skip to Step 2.

IMPORTANT: Make sure you backup your database using Backup Wizard before installation if you have a previous version of NVR Professional.

Click on the Step 1: Backup Database Link



Figure 5.3 - Step 1: Select Backup Database

Enter Info into Backup Wizard

For detailed operation, please refer to **Backup Wizard User manual**.

kup Restore				
Backup Config —				
Database Source	e			
NVR Version :	2.2.00	-		
NVR IP :	(local)	_		
NVR User ID :	Admin			
NVR User PWD :	*****			
5 K K				_
Destination				
Destination Folder : C:\£ Data Content — ▼ Camera Se	aackup ttings 🔽 User Setti	ngs 🔽 Rec	ording Log Data	
Destination Folder : C:\F Data Content ↓ Camera Se Progress	3ackup ttings 🔽 User Setti	ngs 🔽 Rec	ording Log Data	
Pesunation Folder : C:\r Data Content I✓ Camera Se Progress TABLE NAME	Backup ttings 🔽 User Setti	ngs 🔽 Rec	ording Log Data	
Destination Folder : C:¥ Data Content ✓ Camera Se Progress TABLE NAME	3ackup ttings 🔽 User Setti	ngs 🔽 Rec	SET	
Pesunation Folder : C:¥ Data Content I✓ Camera Se Progress TABLE NAME	Backup	ngs 🔽 Rec	ording Log Data	
Progress TABLE NAME	Backup	ngs 🔽 Rec	SET	
Pesunation Folder : C:\⊈ Data Content I Camera Se Progress TABLE NAME	Backup Ittings I⊄ User Setti	ngs 🔽 Rec	FILENAME	•

Figure 5.4 - Backup database data from NVR Professional

To backup your database using Backup Wizard, enter the version number, NVR IP address, NVR Admin account and password, database table to backup, and the destination folder for the backup file.

Select the current version of the existing NVR software that is installed on your machine.



TIP: The Backup Wizard will create an Excel file titled **BACKUP.XLS**. This file is stored in the folder specified in **Folder** field. The default destination is: C:\BACKUP\BACKUP.XLS



IMPORTANT: You need to provide the correct **NVR Username** and **NVR Password** of your existing NVR software to login to your database and backup the data.



TIP: Please make sure you select the correct version of the NVR software being backed up.

Step 2. Install NVR Main Program

1. Click on Step 2: Install NVR Professional Main Program link



Figure 5.5 - Step 2: Install NVR Main Program

2. Install SQL 2005 SP2 for NVR Professional

NVR Professional requires the installation of SQL 2005 Express. The installation wizard will install SQL 2005 Express SP2 if the database is not found on the machine.

Status	Requirement
Pending	Microsoft SQL Server 2005 Express

Figure 5.6 - Install SQL 2005 SP2

IMPORTANT: If you use SQL 2005, please upgrade to SQL 2005 SP2

IMPORTANT: You can also refer to the Un-Install SQL 2005 section on how to remove SQL 2005 successfully.

3. Install SQL 2005 SP2 Progress

The installation progress of SQL 2005 SP2 will be displayed as follows...



Figure 5.7 - SQL 2005 SP2 installation progress

4. Install NVR Main Program

Welcome to the InstallShield Wizard for NVR v2.2.28
Please make sure you backup all data with BackupWizard before installation in the first page !!
The InstallShield(R) Wizard will install NVR v2.2.28 on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.

Figure 5.8 - Install the NVR Main Program

Click Next button to proceed to the installation

5. Default Installation Path: C:\Program Files\NVR



Figure 5.9 - Default Installation Path: C:\Program Files\NVR

I. Click Next > button to apply default path to install

2. Click Change button to select destination installation path



6. Install NVR Components

alled. Feature Description
alled. Feature Description
reduic besciption
This feature requires 271MB on your hard drive.
Change
\

Figure 5.10 - Install NVR Components

NVR Professional does not use any components referenced on this screen. Simply hit Next to begin installation.



NOTE: Select Next to install NVR Professional. Select Change to install the NVR to a different directory.

7. Database designation and setting default login

Database Server		
Select database s	erver and authentication method	
Select the database database servers. credentials or a SQ	server to install to from the list below or dick Browse to 'ou can also specify the way to authenticate your login . Login ID and Password.	o see a list of all using your current
Database Server:		
· · · · · · · · · · · · · · · · · · ·		Browse
		Diowscin
Connect using:		bjowscin
Connect using:	entication credentials of current user	- Blowsen
Connect using: () <u>W</u> indows auth () Server auther	entication credentials of current user tication using the Login ID and password below	
Connect using: <u>W</u> indows auth Server auther Login ID:	entication credentials of current user tication using the Login ID and password below sa	
Connect using: <u>W</u> indows auth <u>Server auther</u> <u>Login ID:</u> <u>Password:</u>	entication credentials of current user tication using the Login ID and password below sa	

Figure 5.11 - Database designation and setting default login

I. Click Next button to proceed to default value importing. Please do not change default account / password.



8. NVR Professional Installation Progress Bar



Figure 5.12 - NVR Professional Installation

9. NVR Professional Installation Completed



Figure 5.13 - NVR Professional Installation Complete

Click Finish button to complete NVR Professional Installation

10. Restart System



Figure 5.14 - Click Yes button to re-start the system

6. Installing NVR Enterprise

Enable Internet Information Services (IIS)

NVR Enterprise allows remote users to access saved video files. To enable this functionality, Vista users must activate the IIS feature, and XP and Windows 2003 users must install this feature from the Windows installation CD.

Once IIS is enabled, you may proceed with the installation of the NVR.

Please note that once the installation is complete you must configure Windows to direct remote users to the directory containing the saved video files.

IMPORTANT: Enable IIS prior to installation to allow remote users to access saved video files. After installation, configure IIS to point remote users to the directory housing the video files.

Configure Internet Information Services (IIS) and Firewall Setting

Name	Bundled with IIS Server?
Windows XP	NO *
Windows 2003 Standard Edition	NO *
Windows 2003 Professional Edition	Yes
Windows 2003 Enterprise Edition	Yes
Windows Storage Server 2003	Yes
Windows Vista Enterprise Edition	Yes
Windows Vista Business Edition	Yes

Bundled with IIS Server

* Windows Installation CD is required if the Operating System is not bundled with IIS Server.

Enable IIS Status In Windows Vista

Step 1. Click "Control Panel"



Figure 6.1 - Configure IIS - Control Panel



NOTE: NVR Professional supports Windows Vista Business and Enterprise editions only.

Step 2. Click "Programs and Features"

- comportan			* ** Search	
ALCONOMIC ACTINGUES AND IN	Name Category			_
Control Panel Home	Add Hardware	Windows Side Show		
lassic View	Administrative Tools	2 Windows Undate		
	The AutoPlay	a materix operation		
	Ma Backup and Partons Canter			
	Color Management			
	Color Management			
	Cate in December			
	Derice Magrams			
	Device Manager			
	Ease of Access Center			
	Folder Options			
	A Fonts			
	We Game Controllers			
	E Indexing Options			
	Internet Options			
	SCSI Initiator			
	C Keyboard			
	I Mouse			
	Network and Sharing Center			
	P Offline Files			
	Pen and Input Devices			
	People Near Me			
	Performance Information and Tools			
	Personalization			
	Phone and Modern Options			
	Power Options			
	Printers			
	Problem Reports and Solutions			
	Programs and Features			
	Regional and Language Options			
	Scanners and Cameras			
	Security Center			
	5 Sound			
	Speech Recognition Options			
	Sync Center			
	1 Sustem			
	Tablet PC Settings			
	all Taskhar and Start Menu			
	Test to Speech			
	B the Accounts			
	Walcome Center			
	Windows An time Unorade			
	Windows Anytime Upgrade			
	Windows Cardspace			
	windows Defender			
	windows Firewall			
	Windows Sidebar Properties			

Figure 6.2 - Configure IIS – Programs and Features

Step 3. Click "Turn Windows features on or off" option

						- 0 -×-
🔆 💮 – 🛃 🕨 Control Panel 🛛	Programs and Features			-	** Search	P
Tasks View installed updates	Uninstall or change a program To uninstall a program, select it from the list and th	en click "Uninstall", "Change", or	"Repair".			
Get new programs online at Windows Marketplace	O Organize 2 111 Views 2					0
View purchased software (digital locker)	Name	Publisher	Installed On	Size		
Turn Windows features on or.	Microsoft SQL Server 2005	Microsoft Corporation	12/13/2007	199 MB		
eff	Microsoft SQL Server Native Client	Microsoft Corporation	12/13/2007	2.55 MB		
	Microsoft SQL Server Setup Support Files (English)	Microsoft Corporation	12/13/2007	18.9 MB		
	Microsoft SQL Server VSS Writer	Microsoft Corporation	12/13/2007	675 KB		

Figure 6.3 - Configure IIS - Turn Windows Features On/Off



Step 4. Select "Internet Information Services"

Figure 6.4 - Configure IIS – Select Internet Information Services

Step 5. Enable ASP Programs

Click Internet Information Services \rightarrow World Wide Web Services \rightarrow Application Development Features \rightarrow Click ASP option

Note that ISAPI Extensions will be turned on automatically.

Windows Features	
Turn Windows features on or off	0
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.	
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.	
Image: Second State Image: Second State Image: Second State Image: Second State <td></td>	
	Cancel

Figure 6.5 - Configure IIS – Enable ASP Feature

Install IIS under Windows XP

- Step 1: Click Start -> Control Panel -> Add or Remove Program
- Step 2: Click Add/Remove Windows Components
- Step 3: Click Internet Information services (IIS)
- Step 4: Click Next to install IIS



Figure 6.6 - Select Start -> Control Panel -> Add or Remove Program

Step 1: Locate IIS Package

Files Nee	ede d	
	The file 'staxmem.dll' on Windows XP Professional Service Pack 2 CD is needed.	OK Cancel
	Type the path where the file is located, and then click OK.	
	Copy files from:	
	E:\i386	<u>B</u> rowse

Figure 6.7 - Locate IIS Package location



NOTE: If IIS Package cannot be found in the system, then you have to insert your Windows XP CD-ROM into the CD Drive.

Step 2: Install IIS Package

Windows Components Wizard
Configuring Components Setup is making the configuration changes you requested.
Please wait while Setup configures the components. This may take several minutes, depending on the components selected.
Status: Examining installed files
< <u>B</u> ack <u>N</u> ext > Cancel

Figure 6.8 - Installing IIS Service

Step 3: Click Finish to complete installation.



Figure 6.9 - Click Finish to complete installation

Install IIS under Windows 2003 Standard Edition

Step 1: Click Start \rightarrow Control Panel \rightarrow Add or Remove Program



Figure 6.10 - Select Start -> Control Panel -> Add or Remove Program

Step 2: Click Add/Remove Windows Components

Add a program from CD-ROM or floppy disk. Programs Add Aprogram from CD-ROM or floppy disk, click CD or Floppy Charles Add Aprogram from CD-ROM or floppy disk, click CD or Floppy Charles Add Aprogram from CD-ROM or floppy disk, click CD or Floppy CD or Eloppy Add programs Add Aprogram from Microsoft Windows Update Windows Update

Figure 6.11 - Select Add/Remove Windows Components

Step 3: Select Application Server

Windows Components Wizard	×
Windows Components You can add or remove components of Windows.	t
To add or remove a component, click the checkbox. A shad part of the component will be installed. To see what's include Details.	ed box means that only ed in a component, click
Components:	
🗹 📻 Accessories and Utilities	4.9 MB 🔺
🗹 📑 Application Server	33.4 MB 🚽
🗆 📴 Certificate Services	1.4 MB
🗆 💻 E-mail Services	1.1 MB
	7.9 MB 🗾
Description: Includes ASP.NET, Internet Information Service Application Server Console.	es (IIS), and the
Total disk space required: 3.3 MB	Details
Space available on disk: 1309.0 MB	
< <u>B</u> ack <u>N</u> ext >	Cancel Help

Figure 6.12 - Select Application Server

Step 4: Select Internet Information Services (IIS)

Application Server	×
To add or remove a component, click the check box. A shaded be of the component will be installed. To see what's included in a cor	ox means that only part nponent, click Details.
Sub <u>c</u> omponents of Application Server:	
💶 🚡 Application Server Console	0.0 MB 🔼
🔲 🧠 ASP.NET	0.0 MB
🗹 🍻 Enable network COM+ access	0.0 MB
🗆 🗊 Enable network DTC access	0.0 MB
🗹 💐 Internet Information Services (IIS)	26.9 MB
🗌 🚅 Message Queuing	6.5 MB
	-
Description: Microsoft Management Console Snap-in for the App administrative interface.	olication Server
Total disk space required: 3.3 MB	Details
Space available on disk: 1309.0 MB	2
ОК	Cancel

Figure 6.13 - Select Internet Information Services (IIS)

Step 5: Click OK to install IIS Server

InstallWizard - NVR Enterprise

To continue with the installation of NVR Enterprise Edition, please insert the CD-ROM that accompanied the product and select NVR Enterprise, click the Install NVR Enterprise link, then click Save File to begin the installation (see below).

Aigis Aigis	Mechtronics IP Video Utilities
Program	Installation and Documentation
IP Utility	Locate and view IP Camera on the network.
Documents	Review installation and operating instructions.
Compatibility List	NVR Software providers compatible with Aigis products.
NVR Professional (Standalone Version)	Install standalone NVR program.
NVR Enterprise (Client-Server Version)	Install client/sever NVR program (server side).



Figure 6.14 - Select Save File after clicking NVR Enterprise from Autorun menu

SQL Server Software Installer

InstallShield Wizard NVR v2.2.34 requires the following items to be in begin installing these requirements.	nstalled on your computer. Click Install to
Status Requirement Pending Microsoft SQL Server 2005 Express SP2	
	Cancel

Figure 6.15 - Click Install to run the Install Wizard

NVR v2.2.34 requires the following items to be installed or begin installing these requirements. Status Requirement Installing Microsoft SQL Server 2005 Express SP2	n your computer. Click Install to
Status Requirement Installing Microsoft SQL Server 2005 Express SP2	
Installing Microsoft SQL Server 2005 Express SP2	
Installing Microsoft SQL Server 2005 Express SP2	Install

Figure 6.16 - InstallWizard will begin to install SQL Server Software

Software Installer for NVR Program



Figure 6.17 - Click Next to begin the NVR Software Installation

Check for Previous NVR Versions



Figure 6.18 - If a previous version of NVR Enterprise is detected on the system, the Backup Wizard will be launched. Otherwise, click Next.

Select Installation Folder

🛃 NVR v2.2.34 - InstallShield Wizard		×
Destination Folder Click Next to install to this folder, or click	Change to install to a different fold	er.
Install NVR v2.2.34 to: C:\Program Files\WVR\		
InstallShield	< <u>B</u> ack <u>Next ></u>	Cancel

Figure 6.19 - Click next to accept the default installation path.

Note: It is recommended NOT to change the path from the default.

NVR v2.2.34 -	InstallShield Wizard			
Database Serv	er			
Select databas	e server and authentic	ation method		
Select the data database serve credentials or a	Dase server to install to rs. You can also specify SQL Login ID and Pass	o from the list below y the way to authe word.	w or click Browse to s enticate your login us	ee a list of all ing your current
Database Serve	er:			
(local)\SQLEXP	RESS		•	Browse
If an SQL pas	sword error appear	s,or if you forge	t the password,pl	ease use
If an SQL pas Windows Aut Connect using:	sword error appear hentication Mode to	rs,or if you forge o login	t the password,pl	lease use
If an SQL pas Windows Aut Connect using: O <u>W</u> indows au	sword error appear hentication Mode to thentication credentials	rs or if you forge o login s of current user	t the password.pl	lease use
If an SQL par Windows Aut Connect using: C <u>W</u> indows au Server auth	sword error appear hentication Mode to thentication credentials entication using the Log	rs or if you forge o login s of current user gin ID and passwor	t the password.pl	lease use
If an SQL par Windows Aut Connect using: C <u>W</u> indows au C S <u>e</u> rver auth Login ID:	sword error appear hentication Mode to thentication credentials entication using the Log	rs,or if you forge o login s of current user gin ID and passwor	t the password.pl	lease use
If an SQL par Windows Aut Connect using: C <u>W</u> indows au C Server auth Login ID: Password:	sword error appear hentication Mode to thentication credentials entication using the Log sa	rs,or if you forge o login s of current user gin ID and passwor	t the password.pl	lease use
If an SQL par Windows Aut Connect using: <u>Windows au</u> <u>Server auth</u> Login ID: Password:	sword error appear hentication Mode to thentication credentials entication using the Log sa	rs,or if you forge o login s of current user gin ID and passwor	t the password,pl	lease use
If an SQL par Windows Aut Connect using: © <u>W</u> indows au © S <u>e</u> rver auth Login ID: <u>P</u> assword:	sword error appear hentication Mode to thentication credentials entication using the Log sa	rs,or if you forge o login s of current user gin ID and passwor < Back	t the password,pl	ease use

Figure 6.20 - IMPORTANT: DO NOT CHANGE ANY SETTINGS ON THIS SCREEN; SIMPLY HIT "NEXT"



Figure 6.21 - If this error appears, click next and follow the instructions on the next page.

🖥 NVR v2.2.34 - 1	nstallShield Wizard				×
Database Serv Select database	er server and authentica	ation method		1	4
Select the datab database server credentials or a	ase server to install to s. You can also specify SQL Login ID and Passi	from the list be the way to au word.	elow or click Browse thenticate your log	e to see a gin using y	list of all your current
<u>D</u> atabase Serve	:				
(local)\SQLEXPR	ESS			-	Browse
Windows Auth Connect using: <u>Windows aut</u> <u>Server authe</u>	entication Mode to nentication credentials ntication using the Log	o login of current use in ID and pass	r] word below		
Login ID:	sa				
To Burran.	pu				
Password:					
nstallShield					
		< <u>B</u> ack	<u>N</u> ext >		Cancel

Figure 6.22 - Select Windows authentication and click Next. Do not change any other settings on this screen.

Select Components to Install

🔀 NVR v2.2.34 - InstallShield Wizard	×
Custom Setup Select the program features you want installed.	
Click on an icon in the list below to change how a feature is	s installed.
NVR_Server	Feature Description
	This feature requires 266MB on your hard drive.
Install to:	
C:\Program Files\WVR\	Change
InstallShield	
Help Space < Back	Next > Cancel

Figure 6.23 - Click Next to continue. Do not make any changes.

🙀 NVR v2.2.34 - InstallShield Wizard		X
Ready to Install the Program The wizard is ready to begin installation	n.	
Click Install to begin the installation.		
If you want to review or change any o exit the wizard.	of your installation setti	ings, dick Back. Click Cancel to
InstallShield	< <u>B</u> ack	Install Cancel

Figure 6.24 - Click Next to begin the installation of the NVR software.

Installation Process

🔂 NVR v2.2	.34 - InstallShield Wizard	
Installing The prog	INVR v2.2.34 gram features you selected are being installed.	
i B	Please wait while the InstallShield Wizard installs NVR v2.2.34. This may take several minutes.	
		1
InstallShield –	< <u>B</u> ack <u>N</u> ext > Ca	ncel

Figure 6.25 - The installation process may take several minutes.

Installation Complete



Figure 6.26 - Click Next to exit the InstallWizard.



Figure 6.27 - Click Yes to reboot now or No to reboot later.

Configure IIS in Windows Vista

Step 1. Use Backup Database to Restore Database

For detailed operation, please refer to **Backup Wizard User manual**.



Figure 6.28 - Restore data from NVR Professional

Once the NVR Professional installation is complete, return to the Backup Wizard screen and select or type in the backup excel file (default: c:\Backup\Backup.xls) then click Restore button to restore data back to NVR Professional.



Step 2. Go to desktop, right mouse click on Computer, select Manage



Figure 6.29 - Configure IIS – Manage Computer

Step 3. Click Service and Application → Double-click on Microsoft Internet Information (IIS) Manager





Step 4. Click on Web Sites \rightarrow Default Web Site \rightarrow Click Basic Settings \rightarrow Select NVR Path

Default NVR Path: C:\Program Files\NVR\IPControlCenter

Default file is default.htm, which is contained under Default NVR path. User does not have to setup it again.



Figure 6.31 - Configure IIS – Select NVR Path

Step 5. Check IIS Services

Please follow the procedure below to Check IIS.

- I. Please go to "Control Panel Administrative tool Services".
- 2. You can see the "Service" windows pop-out as below; please check if the "IIS Admin Service" is in the list.

Services (Local)	Services (Local)						
	US Admin Country	Name /	Description	244	Statuo Turce	Los On As	
	LIS warran Service	Conference Reporting Ser	Collects, et	Stated	Automatic	Local System	
	Stop the service	Servent Lon	Frahles ev.	Stated	Automatic	Local System	
	Rause the service	Co File Replication	Allows Nes.		Manual	Local System	
	Restart the service	Setteb and Support	Enables He	Sated	Automatic	Local System	
		CHITTP SS.	This servic	Started	Manual	Local System	
	Description:	Calification Interface D	Enables ce		Disabled	Local System	
	Enables this server to administer Web and FTD services. If this service is	115 Admin Service	Enables thu	Started	Automatic	Local System	
	stopped, the server will be unable to run	MAPI CD-Burning	Manages C		Disabled	Local System	
	Web, FTP, NNTP, or SMTP sites or	Tindexing Service	Indexes co		Disabled	Local System	
	configure IIS. If this service is disabled,	Thereste Messaging	Enables me		Disabled	Local System	
	will fail to start.	PSEC Services	Provides e	Started	Automatic	Local System	
		Kerberos Key Distri	On domain		Disabled	Local System	
		Cicense Logging	Monitors a		Disabled	Network 5	
		Logical Disk Manager	Detects an	Storted	Automatic	Local System	
		Logical Disk Manag	Configures		Manual	Local System	
		Messenger	Transmits		Disabled	Local System	
		Mcrosoft Software	Manages s		Manual	Local System	
		MSSQLSERVER		Started	Automatic	Local System	
		MSSQLServerADHei	Same and		Manual	Local System	_
		Sitet Logon	Maintains a		Manual	Local System	
		SketMeeting Remot	Enables an		Disabled	Local System	
		SNetwork Connections	Manages o	Started	Manual	Local System	
		Silveboork DOE	Provides n		Disabled	Local System	
		Network DOE DSDM	Manages D		Disabled	Local System	
		Stetwork Location A	Collects an	Started	Manual	Local System	
		Network Provisionin	Manages X		Manual	Local System	
		SNT LM Security Sup	Provides s		Manual	Local System	
		Performance Logs	Collects pe		Manual	Network S	
		Plug and Play	Enables a c	Started	Automatic	Local System	
		Portable Media Seri	Retrieves t		Manual	Local System	
		Print Spooler	Manages al	Sated	Automatic	Local System	
		Protected Storage	Protects st	Started	Automatic	Local System	
		Remote Access Aut	Detects un		Manual	Local System	
	Contraction of the second state of the second	Remote Access Co	Manages d		Manual	Local System	<u> </u>

Figure 6.32 - Configure IIS Web Service

3. If yes, the IIS service is installed and please proceed to Step 1: Backup Database.

4. If NOT, the IIS service is NOT installed. Please go to Chapter 4-2 for how to install the IIS service.

Configure IIS for Windows XP and Windows 2003



Figure 6.33 - Select Administrative Tools





Figure 6.34 - Select Internet Information Services (IIS)

Step 3: Select "Local Computer" then select "Web Sites" then Right Click on Default Web Site icon and select Properties

🐚 Internet Information Servi	ces (IIS) Manager		
🐚 Eile <u>A</u> ction <u>V</u> iew <u>W</u> indo	w <u>H</u> elp		_8×
) 🖪 😫 💂 🕨 🔳 י	I	
Internet Information Services NWR-A (local computer) FTP Sites Application Pools Cuestor States Administration (: Shares (Stopped Web Service Extensi Cuestor States of the cuestor States of	Name Cgi-bin Image images ReleaseImages Explore Open Permissions Browse Start Stop Pause New All Tasks View New Window from Here Delete Rename Refresh Export List	Path	Status
	Properties		

Figure 6.35 - Select IIS Properties

Step 4: Click Home Directory tab and click "A directory

Step 5: Browse or input C:\Program Files\NVR\IPControlCenter in the Local Path field.

De	efault Web Site	Prope	rties				? 🛛
[Directory Securit	y l	HTTP Head	ers	Custom Err	ors	ASP.NET
	Web Site ISAPI Filters Home Directory Documents When connecting to this resource, the content should come from: A directory located on this computer A share located on another computer 						
	A regirection to a UNL Local Path: C:\Program Files\NVR\IPControlCenter Script source access ✓ Log visits Read ✓ Index this resource Write Directory browsing						rowse
	Application name	:	Default Applic	ation		F	Remove
	Starting point:		<default td="" web<=""><td>Site></td><td></td><td>Con</td><td>figuration</td></default>	Site>		Con	figuration
	Execute Permissi	ons:	Scripts only		*	Con	nguradon
	Application Prote	ction:	Medium (Pool	ed)	*		Unload
	·	(OK	C	ancel	Apply	Help

Figure 6.36 - Configure IIS Path, Default: C:\Program Files\NVR\IPControlCenter

Step 6: (Windows Server 2003 only) Click the "Web Service Extension", and windows below shows on screen

Step 7: (Windows Server 2003 only) Click the "Active Server Pages" then click the "Allow" button. When the "Active Server Pages" is allowed, the setting is completed.

🐌 Internet Information Servic	es (IIS) Manager				_ 8 ×
🐚 Eile Action <u>V</u> iew <u>W</u> indow	v <u>H</u> elp				_ 8 ×
	😫 💂 🕨 🗉 🗉				
Internet Information Services	🃁 Web Service Extens	ions			
E 🚰 FTP Sites			A Web Service Extension	Status	
H - Application Pools			All Unknown CGI Extensions	Prohibited	
E Default Web Sites	Allow		All Unknown ISAPI Extensions	Prohibited	
🗄 🍯 Administration (Stc	Prohibit		Active Server Pages	Prohibited	
🗄 🌏 Shares (Stopped)	Properties		Server Side Includes	Prohibited	
Web Service Extension			WebDAV	Allowed	
Derault SMTP Virtual St			-		
	Tasks				
	Add a new Web service e	xtension			
	Allow all Web service exte	nsions for a			
	specific application				
	Prohibit all Web service ex	tensions.			
	Open Help				
	1				

Figure 6.37 - Allow Active Server Pages

7. Installing NVR Workstation

NVR Workstation allows a user to access the live and recorded video being stored on the server.

Note: NVR Workstation cannot be installed on the same machine as NVR Enterprise.

From the CD Autorun page, click Install NVR Enterprise, then click the link Install NVR Workstation as shown below.



Figure 7.1 - Installing NVR Workstation

InstallWizard – NVR Workstation



Figure 7.2 - Click Next to begin the installation

Check for previous versions



Figure 7.3 – Wait for the wizard to check for previous versions, then click Next.

Destinati	2.34 - InstallShield Wizard	d		$\mathbf{N}^{\mathbf{A}}$
Click Nex	Install NVR v2.2.34 to:	click Change to inst	tall to a different folde	r.
	C:\Program Files\WVR\			
installShield -		< <u>B</u> ack	Next >	Cancel

Select Installation Folder

Figure 7.4 – Please do not change the default installation path.

Select Components to Install

🙀 NVR v2.2.34 - InstallShield Wizard	×
Custom Setup Select the program features you want installed.	
Click on an icon in the list below to change how a feature is	installed.
NVR_Workstation	Feature Description
	This feature requires 201MB on your hard drive.
Install to:	
C:\Program Files\WVR\	<u>C</u> hange
Help Space < Back	Next > Cancel

Figure 7.5 – Click Next, do not change any settings.

Begin Installation

🖶 NVR v2.2.34 - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, dick Back exit the wizard.	:. Click Cancel to
InstallShield	Cancel

Figure 7.6 - Click Next to begin the installation.

Installation Progress

🙀 NVR v2.2	.34 - InstallShield Wizard
Installing The prog	INVR v2.2.34 gram features you selected are being installed.
1 6	Please wait while the InstallShield Wizard installs NVR v2.2.34. This may take several minutes.
	Status:
The Report of	
unstali5hield -	< <u>B</u> ack Next > Cancel

Figure 7.7 - The installation may take several minutes.

Installation Complete





Reboot System



Figure 7.9 – Click Yes to reboot now or No to reboot later.

8. NVR Program Basic Functions

Adding Devices

Step I.

NVR Professional's software functions (including Monitor, E-map, account authentication and etc.) is based on camera groups. To add a device to be viewed and/or recorded, you need to

- I. Create a camera group
- 2. Add a device to a camera group

Create Camera Group



Run the "**Active Setup**" program ^{Active Setup} to begin configuring NVR Professional.

- Step 2. Login with default Username "Admin" and Password "123456"
- Step 3. Select the "**System Setup**" icon and the "**Camera Group**" tab (shown below)

S ActiveSetup		
	ž 🔨 🐼 🔉	Admin as Administrator 11:00:34 Dec 22, 2006
Camera Group User Group Account Stor	age Managment \Joystick \View Layout \L	ayout Tour \Language \Service \Licence \System
New Edit Apply		
Device Group Information		۲
Group Name:*	Group Description	

Figure 8.1 - Add Camera Group, Step 1

Step 4. Click the "**New**" button, input the "**Group Name**" and then Click the "**Apply**" button (shown below)

Camera Group User Group	Account Storage Managment Joystick View Layout Layout Tour	Language Service Licence System
New Edit Apply		
Device Group Information		۲
Group Name.*	Group Description	
Comoro Crown		
Camera Group		Page1 of 1 With 1 Record(s)
Group Name	Group Description	
No Group	Default Group	

Figure 8.2 - Add Camera Group, Step 2

NOTE: For further details, please go to the "**System Setup**" section of the chapter titled "**Active Setup**" in the NVR User Manual

Add a Camera to the Group



- Step I. Double click the "**Active Setup**" icon ^{Active Setup} to start Active Setup.
- Step 2. Login with default Username "Admin" and Password "123456"
- Step 3. Select the "Camera Setup" icon



Step 4. Select the "Camera" tab

& ActiveSetup		_ & ×
	Admin as A 11:00:34	dministrator 1 Dec 22, 2006
Refresh Camera ID 💌	Camera Recording Schedule Alarm Motion PTZ PTZ Preset Preset Tour Event Manager	
🏠 Camera Tree	New Edit Live View Search Auto Detect Import Copy Setting Apply Close Save & Reboot	A
	Channel : 1	

Figure 8.4 - Select Camera Tab

- Step 5. Click the "**New**" button,
- Step 5 a) Select "**Auto**" and "**Next Step**" to search for devices on the same network. (See Step 6) to add a new camera manually)

ActiveSetup						
		که 🎇 🌗	× 5	*		Admin as Administrator 11:38:38 Nov 01, 2007
Refresh Camera D	Camer	a Record Path	Schedule Alarm	Motion PTZ P	TZ Preset \ Preset Tour \ Event Ma	nager
Camera Tree	New	Apply	Add Manua Auto	New Can	Search Device start searching all IP camera / video server on the same network segment. User can see	
					NOTE: IP cameras / video servers not on the same network segment as the ACTI NR can't be found by this search function.	•9

Figure 8.5 - Auto Search for Devices

Step 5 b) Once found, **select the desired camera IP**, use the **drop down menu** on the right to assign the camera a channel number, then click **Add New** (see below).

Once an IP address is assigned a Camera ID, that ID is no longer available. This means the next time a device is added, any previously-assigned Camera ID's will not appear in the drop down menu.

٩	P 🎘 🔍	× × ×					Admin as Adr 15:49:31 Nov	ninistrator 14, 2008
Came	ra Record Path	Schedule Alarm Motion	n \ PTZ \ PTZ Preset \ Preset Tou	Ir VEvent Manager				-
AddNe	ew Cancel							*
ID 1	Hostname AIGIS	IAN IP	© WAN IP © 192.168.0.161	Channel ID 1	MAC 00:0F:7C:01:31:D4	Product ID 1-CH Video Server	Camera ID	

Figure 8.6 - Select Device, Assign ID

Step 5 c) The next screen to appear will contain information about the new camera. **De-select "No Group"**, check the desired **Group** (the group 'Aigis Mechtronics' is selected in the example below), then click on **Apply**.

🐝 ActiveSetup			
	۵ 🕑 🌠 🔨 🔊		Admin as Administrator 16:47:55 Nov 14, 2008
Refresh Camera D Camera Tree Media Source	Camera Record Path Schedule Alarm Motion New Configurator Copy Settin Channel 1:	PTZ PTZ Preset Preset Tour Event Manager	*
[⊞]	Media Source information Basic Setting. Camera ID:* 1 Camera ID:* 1 Camera IP:* 192:168.0.161 Http Port: 00 Channel No: 1 User Name:* Admin Password:* Load Default Get Device Setting Advanced Setting	Detail Description Setting. ✓ Camera Name: MCHIP Camera Model.* 1-CH Video Server Connection Timeout. Camera Groups.* Image: No Gropp Aigis Mechtronic	Prame Rate Setting. Frame Mode: Constant Live View: 90 Scheduled Record: 90 Event Record 90 Event Record 90

Figure 8.7 - Assign Camera to a Group

Step 6) To add a new camera manually, fill in the fields indicated in screenshot below

- Input the "Camera Name", "Camera IP", "Http port", "Channel Number, "User name", "Password"
 - Select the "Camera Group" and "Camera model" and then click the "Apply" button

NOTE: For additional information, please refer to the "Camera Setup" section of the chapter titled "Active Setup" in the NVR User Manual



Figure 8.8 - Manual Camera Setup

Change Monitor Layout

To customize a monitor layout for a group of cameras:

Create a camera group

Add a device to the camera group

Setup Layout



Step I. Double click the "Active S Active Setup

to start Active Setup

Step 2. Select the "System Setup" icon and the "View Layout" tab





Select "Camera group," select the desired layout channel, input the "Layout Name," then click the "Apply" button.

Layout ID * Camera Group.* No Group (1] - Window (1] - Window (2] - Monitor (3] - Front Doork (1) - Window (1) -	Layout Configuration				۶
[1] - Window [2] - Monitor [3] - Front Doork	v Layout ID * Camer	a Group:* Name*	Layout*	Description	
[1] - Window [2] - Monitor [3] - Front Doork		[1] - Window 💌	· · · · · · · · · · · · · · · · · · ·]	
		[1] - Window [2] - Monitor [3] - Front Doork	<u> </u>]	

Figure 8.9 - Setup Layout

NOTE: For additional information, please refer to the "View Layout" section of the chapter titled "Active Setup" in the NVR User Manual

Schedule Recording

This section teaches you how to configure the recording schedule of the IP camera. The recording schedule is set by:

Weekly Schedule: All recording will be done and repeated weekly.

Special day: You can set a special schedule for special days. This schedule will overrule your previous weekly setting.

Please go to "Schedule" page of the "Camera setup" to setup.

NOTE: For additional information, please refer to the "View Layout" section of the chapter titled "Active Setup" in the NVR User Manual

Archiving

The recording path of the NVR has items to setup:

- Recording Drive: The hard drives for NVR to record on.
 Please go to "Recording" page of the "Camera setup" to set.
- Recording path: The folder path of the recording on the hard drives.
 o Please go to "Storage Management" page of the "system setup" to set.

NOTE: For additional information, please refer to the "Recording" and "Storage management" sections of the chapter titled "Active Setup" in the NVR User Manual.

PTZ Setting

The PTZ settings must be entered in order for the PTZ Presets and PTZ Preset Tour functions to operate properly.

- PTZ setting: PTZ protocol, baud rate, camera ID must be set correctly.
 - Please go to "PTZ" page of the "Camera setup" to enter the settings.
- Preset setup: Setup the presets and preset tours for the camera.
 - Please go to "**PTZ preset**" and "**Preset tour**" page of the "**Camera setup**" to set.

NOTE: For additional information, please refer to the "Recording" and "Storage management" sections of the chapter titled "Active Setup" in the NVR User Manual

Event Action Setting

Upon an event, the NVR software can initiate a certain action such as starting to record or moving the camera to a preset point. To initiate this function, the event type, event schedule and event actions must be set.

1. **Event type**: There are many event types, including motion detection and alarm inputs. For motion detection, set the motion detection area and sensitivity.

Please go to "Motion" page of the "Camera setup" to setup.

2. Event actions: Set the NVR actions to take upon an event trigger.

Please go to "Schedule" page of the "Camera setup" to set.

3. Event Schedule: To set the duration of the designated event action.

Please go to "Event manager" page of the "Camera setup" to set.

NOTE: For additional information, please refer to the "Camera setup" section of the chapter titled "Active Setup" in the NVR User Manual.

Account Setup

Each account is assigned a permission level and a camera channel or group of channels that are available to that account. Multiple permission levels and camera channels can be set up.

Camera Groups User Roles Users	Storage Managment Joystick View Lay	outs
New Edit Apply		
User Information		
User Account*	User Name*	
Admin	Admin	
Email Address*	User Role*	
Admin@activator.com	Administrator	*
Camera Group Permissions*		

1. **User Group**: You can define different groups with different permission levels which limit users' operation of the NVR software. For example: users with administrator level permission can operate all functions and normal level permission only allows viewing the video.

Please go to "User Group" page of "System Setup" to enter settings.

2. **User Information** : Define each user's information by selecting the user group this user belongs to and camera groups this user can access.

Please go to "Account" page of "User information" to setup.

NOTE: For additional information, please refer to the "Recording" and "Storage management" sections of the chapter titled "Active Setup" in the NVR User Manual

Remote Client Login

The NVR can be accessed remotely via a standard Internet Browser. Type the IP address or the domain name of the machine hosting NVR software. To ensure the client functions properly, setup the Web-server first. Please follow the instructions in the "Web-server" section of the installation guide.

How to Login

Step I. Open Internet Explorer

Step 2.

Enter the IP of the PC housing the NVR Software

C http://172.16.1.206/RPreview.htm - Windows Internet Explorer		- 7 🗙
🚱 🕞 🔻 🖉 http://172.16.1.206/RPreview.htm	🖌 👉 🗙 Google	P -
Coogle 🕞 🗸 🔽 🐨 Go 🖗 🚳 RS 🔻 🤣 🗸 🖉 🗸 🟠 Bookmarks 🛛 😓 Popups okay	💊 AutoLink 👻 📔 AutoFill 🔉 🔘 Settings🗸	File »
2 4 10 1/172.16.1.206/RPreview.htm	🟠 🔹 🗟 🕤 🖶 🔹 🔂 Page 🕶 🎯	Tools 🗸 ᄥ

Step 3. If there are any Security notes, click the note to enable the operation.

Attp://locabost/EPreview.htm - Windows Internet	Explorer		10 X
G + [#] http://kcabost/#Preview.htm		💌 🕂 😹 Die Seach	P -
😧 🐼 👩 http://localt.ost/Pfreview.htm		G • Ø • Ø • Ø • Ø •	yape + 🕥 tigola + 🤎
ess SPACEBAR or ENTER to activate and use the control	2 ·		



http://172.16.1.206/RPreview.htm - Win	dows Internet Explorer			
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Google 🕞 🗸 💌 🖌 🖉	RS 🗸 🧐 🗸 🙆 🖌 🏠 Bookmarks 🕇 📮 Popups okay	🍣 Check 👻 🔦 AutoLink 👻	YautoFill >>	Settings
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	🏹 🎸 江 🔤 🕤 🞸 🕸			kitty as Administrator 09:36:09 Mar 05, 2007
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NOTE: For additional information, please see the chapter titled "NVR Web Client" in the NVR User Manual

9. Trouble Shooting

NVR Troubleshooting

This section pertains to possible errors that occur when attempting to set up a single IP video device on a standalone machine, such as a laptop. There are a few errors that commonly occur in this type of installation:

- 1. When connecting an IP device directly to a laptop or computer (instead of connecting the device to a router, then connecting the router to the computer), the use of a Crossover Cable is required.
- 2. The laptop or computer must not be connected to another network (wireless or otherwise) when attempting to view the video from the IP device. The computer running NVR Professional must be on the same network segment as the IP device.
- 3. If the IP device is properly connected to the laptop or computer, but NVR Professional gives the following error message when trying to save settings to the device:



Figure 9.1 - Save Device Settings Failure

- a. The settings of the IP device could need to be changed. If this error appeared after powering the IP device off and on, do the following:
 - i. Run the IP Utility software found on the CD included with the product.
 - ii. Click on the blue, underlined IP address new to the device (see below)

🛫 IP Utility v	3.5				
			IP Address Submask	192.168.1.101	1 192.168.1.123 255.255.255.0
Listing					
Refresh	Edit	Acco	ount Duplie	cate Setting	Firmware Upgrade
Action		#	Hostname	C LAN IP	🔍 WAN IP
0 🔅		1	Aigis		© <u>192.168.1.161</u>

Aigis Mechtronics IP Video Server
Aigis
^{ටදාර} Login
Account
Password
Language English 🗸
Login Reset
Copyright@All Right Reserved

- a. Enter Username: Admin, Password: 123456
- b. Once the video feed appears, select **Quit** to return to the main menu.

>> Quit	0000 1	/ideo Display
	MPEG4 -	Audio Out 01 02:24:40

c. Select the WAN Setting link

>>	Video Display
>>	Host Setting
>>	WAN Setting

- d. Select Static IP address.
- e. Enter an IP address for the device.
 - iii. This will be the same IP address that NVR Professional attempts to locate. The first three sets of numbers for the IP Device's address must match that of the Laptop/Computer.
- f. Enter an address under ISP Gateway. If the IP Device is connected to the computer via a router, enter the router's IP address. If the device is connected to the computer directly, enter the IP address of the computer.

^{⊖o-⊖} WAN Setting *				
 Dynamic IP Address Static IP Address 				
IP Address	192	. 168	. 1	. 161
Subnet Mask	255	. 255	. 255	. 0
ISP Gateway	192	. 168	. 1	. 100
PPPoE User Name Password				
Aceta				Deret

g. Click Apply when the desired values have been entered.

h. Click OK when the below screen appears.



i. Click on Save Reboot to save the settings to the IP device.

>>	Factory Default
>>	Save Reboot
>>	Logout

NVR Installation Troubleshooting

Create database error

Error 27552: Error creating database ControlCenter.

When installing NVR v2.2 and the below message appears, please follow the instructions below to recover it manually.

🚞 C:\Program f	iles\Microsoft SQL S	erver\MSSQL1\l	M55QL\Data				
Eile Edit Vie	w F <u>a</u> vorites <u>T</u> ools	Help					**
🔇 Back 👻 🕤	- 🇊 🔎 Search 🥫	Folders	» 🗙 🍤 🖽 -				
Address 🛅 C:\F	et tor A e	ol e Ulscol Id Wizard	duccoule i			xI	💌 🄁 Go
Name ControlCenter	Database Server Select database si	erver and authentic	cation method				
wastlog.ldf model.mdf modellog.ldf msdbdata.mdl	Select the database database servers, credentials or a SQ	e server to install to You can also specify L Login ID and Pass	o from the list below o y the way to authen word.	or click Browse to s iicate your login us	ee a list of all ing your current		
MS NYR	Datahaca Sarvari					×	1
Ums The state of the state of t	Error 27552. Error cre DATABASE failed. Som	ating database Cor e file names listed (ntrolCenter. Server: could not be created	Microsoft SQL Serv . Check related err	ver (local)\SQLEXF ors. (1802)	RESS. CREATE	
	Login ID;	sa					
	Password:	***			-		
	InstallShield	1			18		
			< <u>B</u> ack	Next >	Cancel		

Figure 9.2 Error 27552: Error creating database ControlCenter

Steps: Delete ControlCenter.mdf and ControlCenter_log.LDF manually Steps:

- I. Goto C:\Program Files\MSSQL\MSSQL.I\MSSQL\Data
- 2. Delete ControlCenter.mdf and ControlCenter_log.LDF manually

Note that existing camera, recording information and all database records will be deleted. Please use BackupWizard to backup database records first.

🗁 C:\Program Files\Microsoft S(QL Server\MSSQ	L.1\M55QL\Data				
<u>File Edit View Favorites To</u>	ools <u>H</u> elp					1
🔇 Back 👻 🕤 🖌 🍠 🔎 Search	n 🌔 Folders 👖	🕹 🧿 🗙 🇐 🛄	£.			
Address 🛅 C:\Program Files\Micros	oft SQL Server\MS	5QL.1\MSSQL\Data			•	Go 🕞
Name 🔺	Size	Туре	Date Modified	Attributes		
ControlCenter.mdf	3,264 KB	SOL Server Databa	1/25/2008 11:40 AM	A		
ControlCenter log.LDF	768 KB	SQL Server Databa	1/25/2008 11:40 AM	А		
master.mdf	4,096 KB	SQL Server Databa	1/25/2008 11:37 AM	А		
📴 mastlog.ldf	512 KB	SQL Server Databa	1/25/2008 11:37 AM	А		
📴 model.mdf	1,216 KB	SQL Server Databa	1/25/2008 11:37 AM	A		
📴 modellog.ldf	512 KB	SQL Server Databa	1/25/2008 11:37 AM	А		
📴 msdbdata.mdf	4,544 KB	SQL Server Databa	1/25/2008 11:37 AM	А		
📴 msdblog.ldf	512 KB	SQL Server Databa	1/25/2008 11:37 AM	А		
📴 mssqlsystemresource.ldf	512 KB	SQL Server Databa	10/14/2005 1:56 AM	А		
📴 mssqlsystemresource.mdf	38,976 KB	SQL Server Databa	10/14/2005 1:56 AM	А		
📴 tempdb.mdf	2,048 KB	SQL Server Databa	1/25/2008 11:37 AM	А		
📴 templog.ldf	512 KB	SQL Server Databa	1/25/2008 11:37 AM	А		

Figure 5-3 Delete ControlCenter.mdf and ControlCenter_log.LDF manually

Install NVR v2.2 Again

If this does not work, please contact Aigis Mechtronics Technical Support directly.

Disable UAC Error during Installation

Windows Vista comes with new UAC (User Access Control) mechanism which may cause NVR installation to fail due to ActiveX Control registration. This occurs when Windows Vista does not have enough permissions to run installation.

We suggest the user turn off Windows Vista UAC mode to avoid issues during installation.

Disable User Access Control

If, during the NVR Professional installation the Installation Wizard prompts you with the following screen, refer to the "Note to Vista Users" section on page 11. This section will guide you through disabling UAC. This will require rebooting the system and re-initializing the installation.

Disable UA	AC and reboot the	System?			12
Before inst	tall this program, You	have to DISABL	E UAC and Re	boot.	
You have How many	to reboot NOW befor seconds you want to	e further installa o wait before reb	tion process. oot?		
(0-600)	30				
tallShield —					

Figure 9.3 Disable UAC and Reboot the System

Un-install SQL 2005 Notes

Select "SQL Server 2005" then click Remove

Currently installed programs:	☐ Show up <u>d</u> ates	Sort by: Name	
🚰 Adobe Acrobat 6.0 Professional		Size	230.00MB
Intel(R) PRO Network Connections Drivers			
😰 LiveUpdate 2.6 (Symantec Corporation)		Size	9.12MB
📳 Microsoft .NET Framework 2.0		Size	88.31MB
Microsoft SQL Server 2005		Size	198.00MB
Click here for support information.		Used	rarely
		Last Used On	1/25/2008
To change this program or remove it from your compute	er, click Change or Remove.	Change	Remove
📄 Microsoft SQL Server Native Client		Size	4.16MB
📒 Microsoft SQL Server Setup Support Files (English)		Size	20.60MB
📒 Microsoft SQL Server VSS Writer		Size	0.66MB
MSXML 6.0 Parser		Size	1.31MB
間 NVIDIA Drivers			
🔪 NVIDIA ForceWare Network Access Manager		Size	16.55MB
得 NVR		Size	42.18MB
SoundMAX		Size	4.17MB
😣 Symantec AntiVirus		Size	88.11MB
抉 System Requirements Lab		Size	0.73MB

Figure 9.4 Remove SQL Server 2005

Select SQLEXPRESS:Database Engine enable

Make sure you also enable Select Workstation Components option.

Component Selection				
Select SQL Server 2005	components to un	install.		1
o uninstall existing componen	ts, select compone	nts to remove an	d click Next.	
Remove SQL Server 2005 i Select an instance:	nstance componen	ts		
• SQLEXPRESS: Databa	se Engine			
Remove SQL Server 2005 com	mon components			
Workstation Components				
				<u>R</u> eport

Click Finish to un-install SQL2005

Con	firmation Verify SQL Server 20	05 components to unin	stall.		
1	The following compo click Finish.	onents will be uninstalle	d from your mad	nine. To proceed,	
Dat Wo	abase Engine: SQL rkstation Compon	EXPRESS ents			1
					<u>•</u>

Un-installation progress

Product	Status
MSXML6	
SQL Setup Support Files	
SQL VSS Writer	
SQL Server Database Services	Configuring components
Workstation Components, Books Onlin	
Status Stopping services Service: SQL Server (SQLEXPRESS)	

Uninstall SQL Server 2000 Notes

Select SQL Server Desktop Engine, then click remove



Figure 9.5 Remove SQL Server 2000