

The Intelligent Surveillance Solution

Hardware & Software Installation user's manual

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Product Specification

1000 SERIES; 2000 SERIES; 3000 SERIES

Product Specification

	3000 Series	2000 Series	1000 Series
Display Rate	120fps(NTSC); 100fps (PAL)	60fps(NTSC); 50fps (PAL)	30fps(NTSC); 25fps (PAL)
Recording Rate	120fps(NTSC); 100fps (PAL)	60fps(NTSC); 50fps (PAL)	30fps(NTSC); 25fps (PAL)
Maximum Card	2	4	4
Video Input	4; 8; 12; 16	4; 8	4; 8
Audio Input	4	2	1
Video Resolution	NTSC: 704x480 ; 640 x 480 ; 352x240 PAL: 704x576 ; 640 x 576 ;352x288		
Compression Format	Software Compression MPEG 4		

Hardware Installation

Hardware Installation

Step1: Insert the card onto an empty PCI slot. Connect the **Audio/Video Cable** to the connector in the same color.

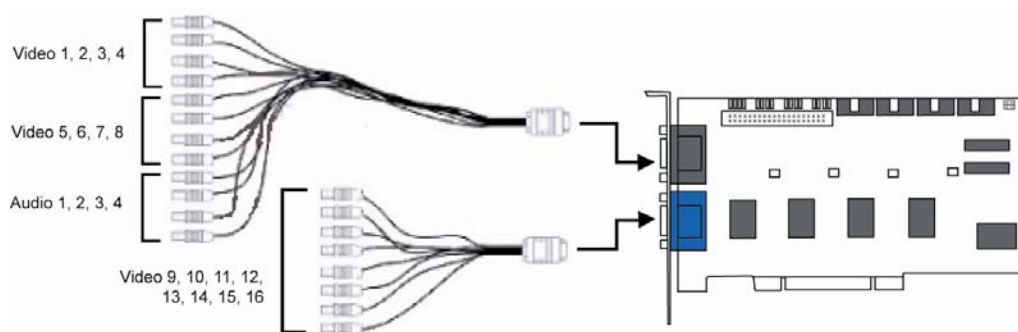
Step 2: Turn on your PC and start Windows.

Step 3: Insert the included Software CD into CD-ROM.

Step 4: Select the driver from root directory \driver folder and its contents. You can see the detail from page 9.

Step 5: After driver being installed, restart your PC.

Connect the Audio/Video Cable



Note: for 3000 series, audio channels are located at 1, 2, 3, 4.

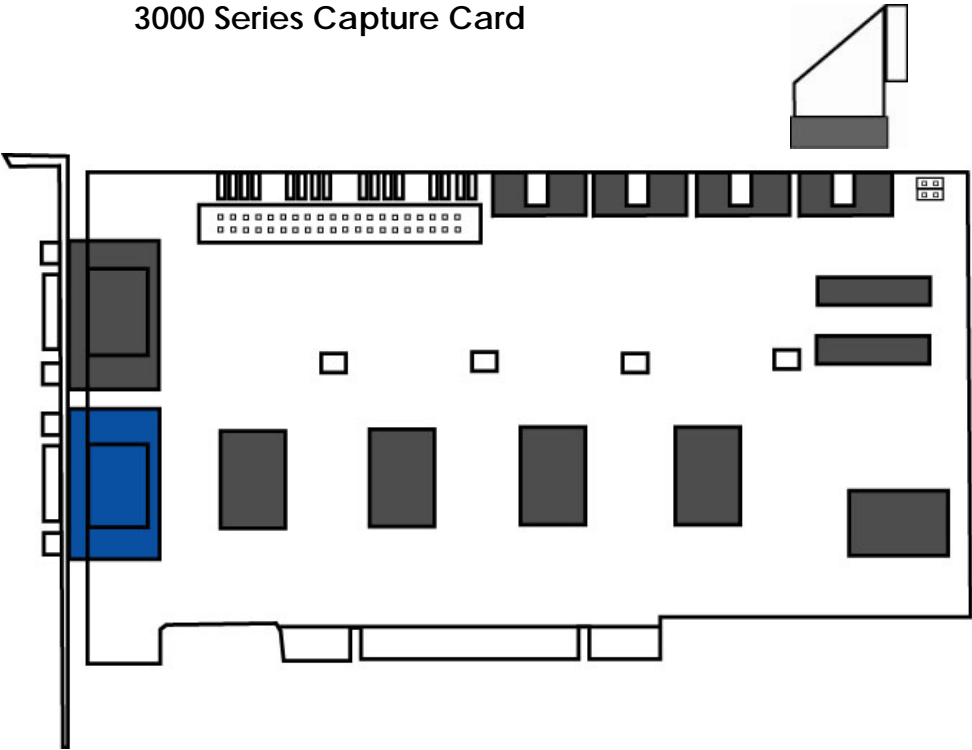
Optional I/O Card referring to the figures on the following pages.

Insert the card onto your PC.

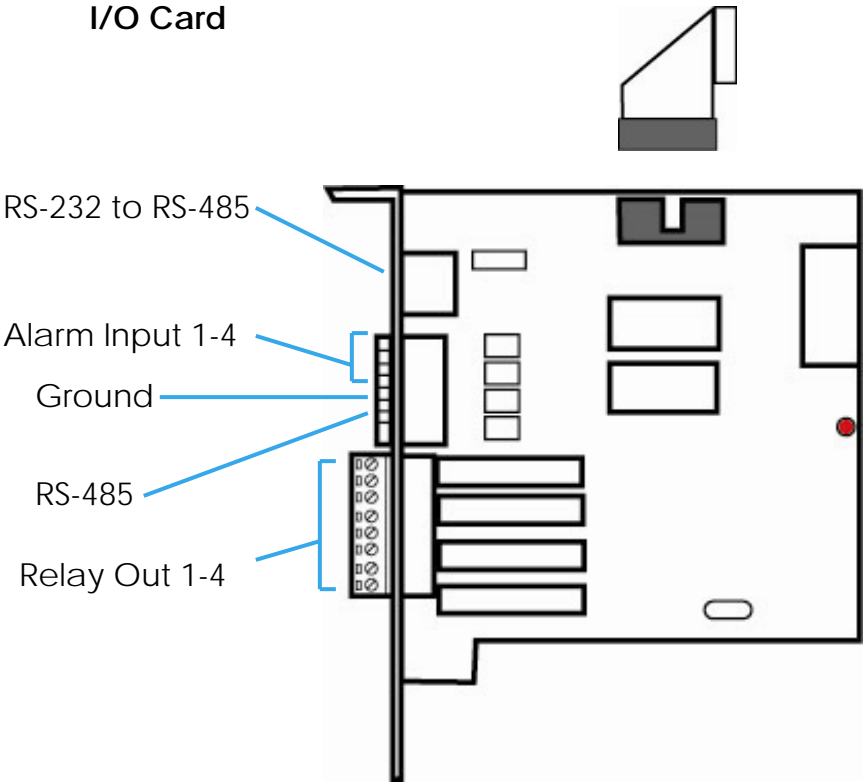
Connect the Capture Card and the I/O Card with an included ribbon cable. You may connect the ribbon cable to one of the I/O ports on the Capture Card.

Hardware Installation

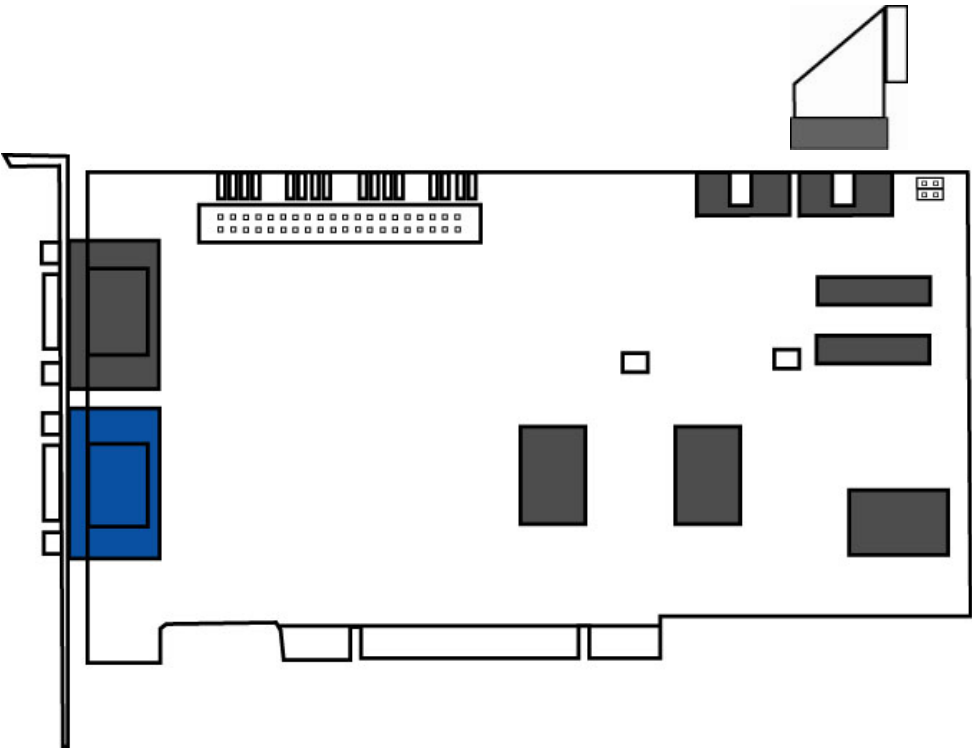
3000 Series Capture Card



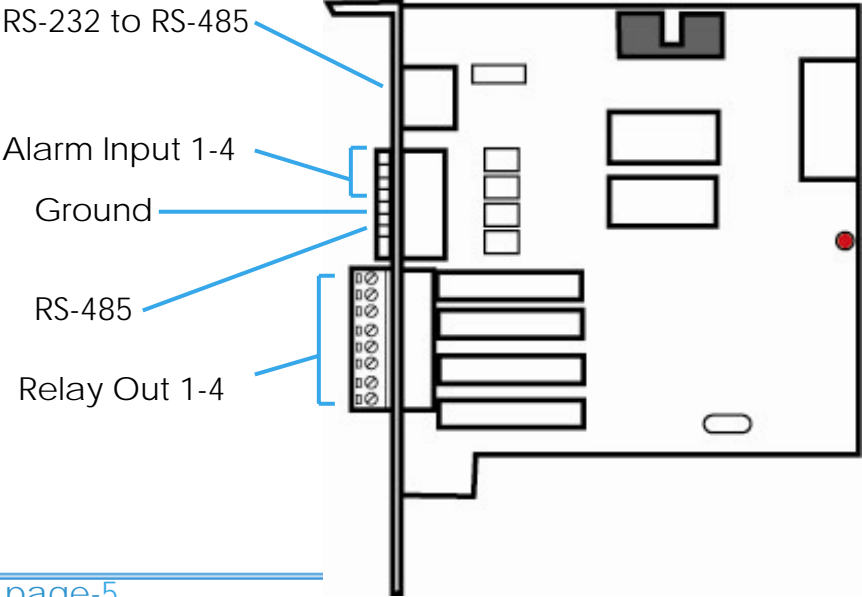
I/O Card



2000 Series Capture Card

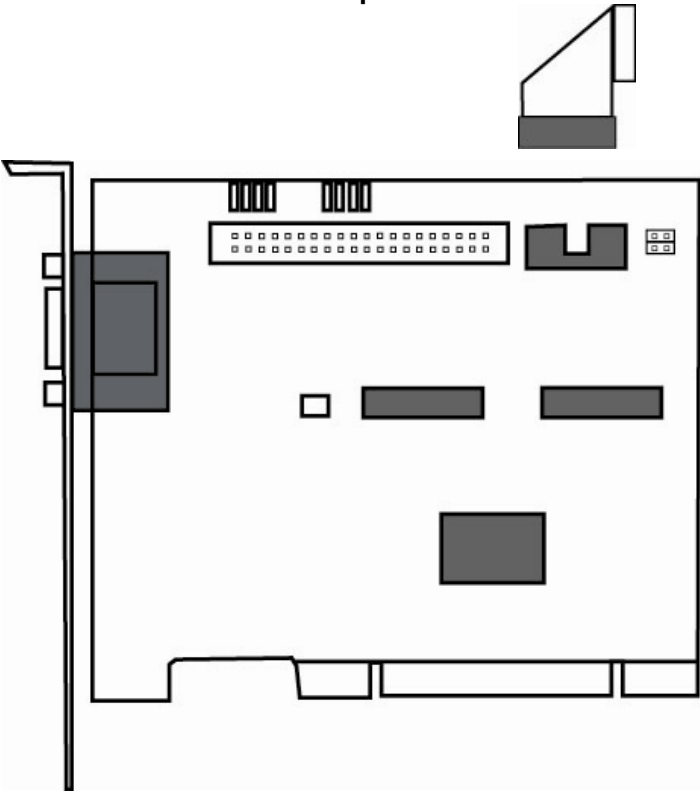


I/O Card

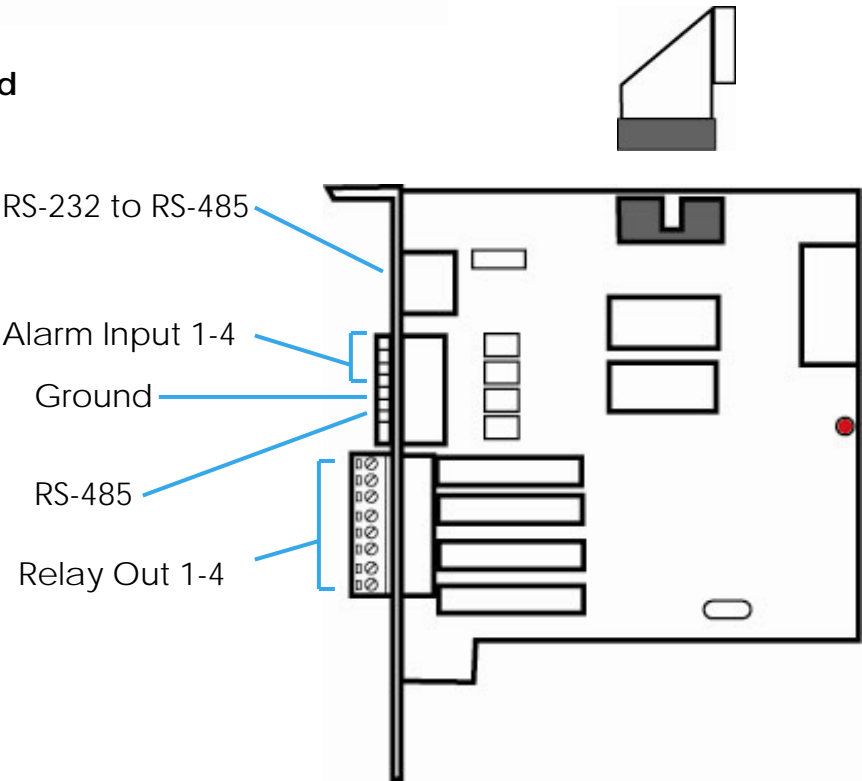


Hardware Installation

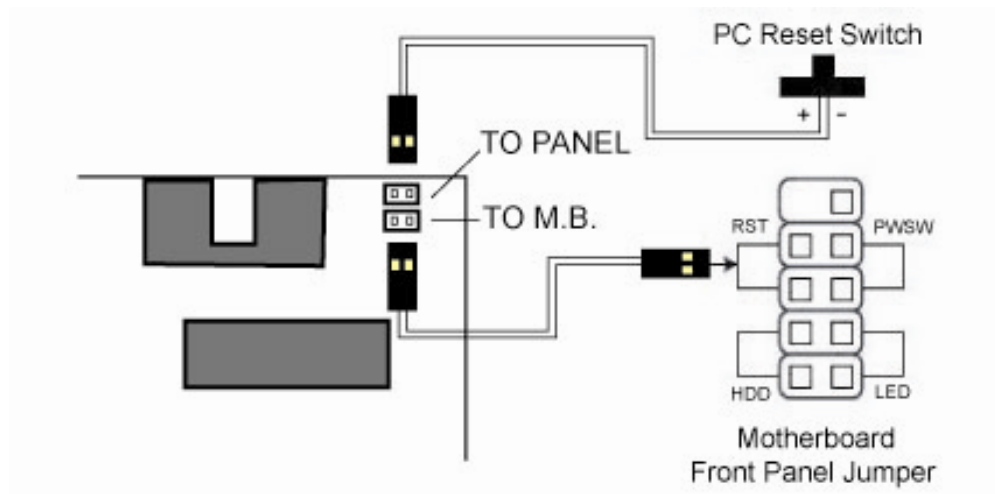
1000 Series Capture Card



I/O Card



Watchdog Installation



System Requirement

System Requirement

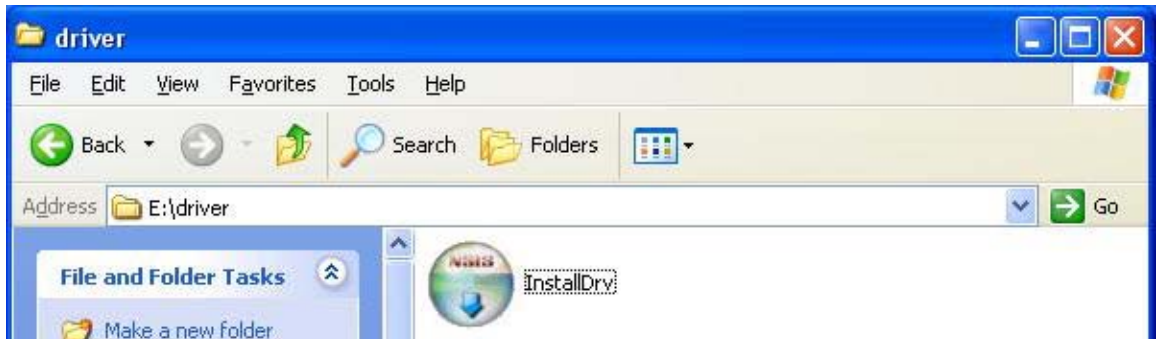
Total FPS at CIF	SCB-3000 x2 (240fps)	SCB-3000 (120fps)	SCB-2000 (60fps)	SCB-1000 (30fps)
CPU	Intel Core 2 Duo E6400	Intel Pentium D 930	Intel P4 2.8 GHz	Intel P4 2.8 GHz
RAM	1 GB	1 GB	512 MB	512 MB
Mother-board	Intel 945 or 965 chip, Intel Chipset recommended			
Display	ATI Radeon 9200, nVIDIA GeForce FX-5200, Intel 945 / 965, or above (ATI recommended)			
Ethernet	100 BaseT or Above, Gigabit LAN Recommended			
Hard Disk	80 GB or above			
OS	MS Windows 2000 / XP Pro SP2 / 2003			

Driver Installation

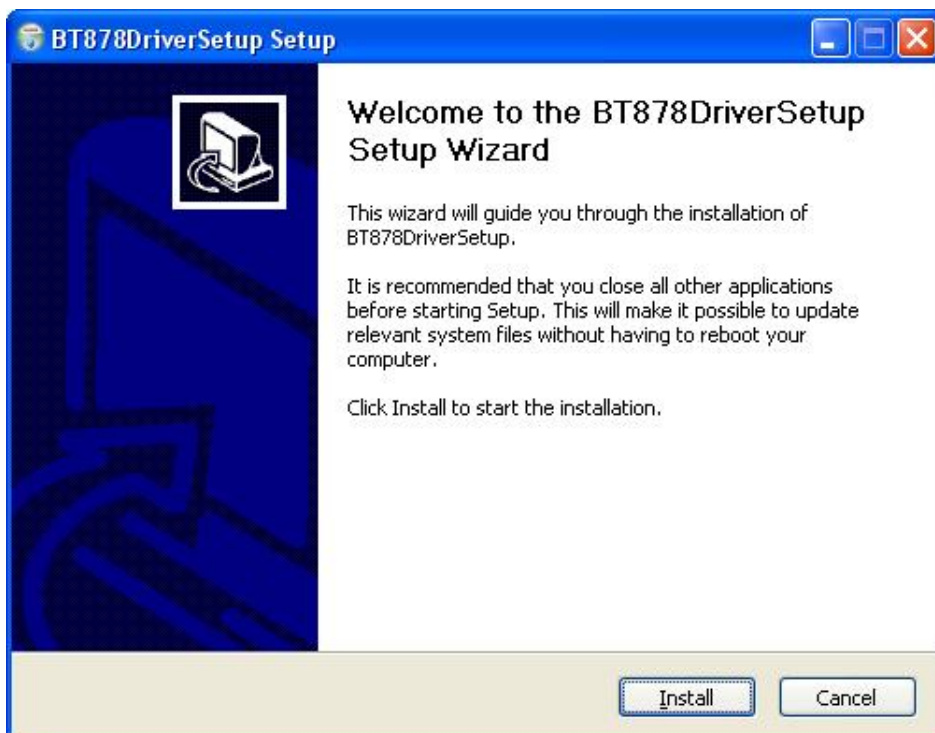
Driver Installation

Step 1: Insert the Installation CD.

Step 2: Run InstallDrv.exe from the CD-ROM driver/ directory to install.

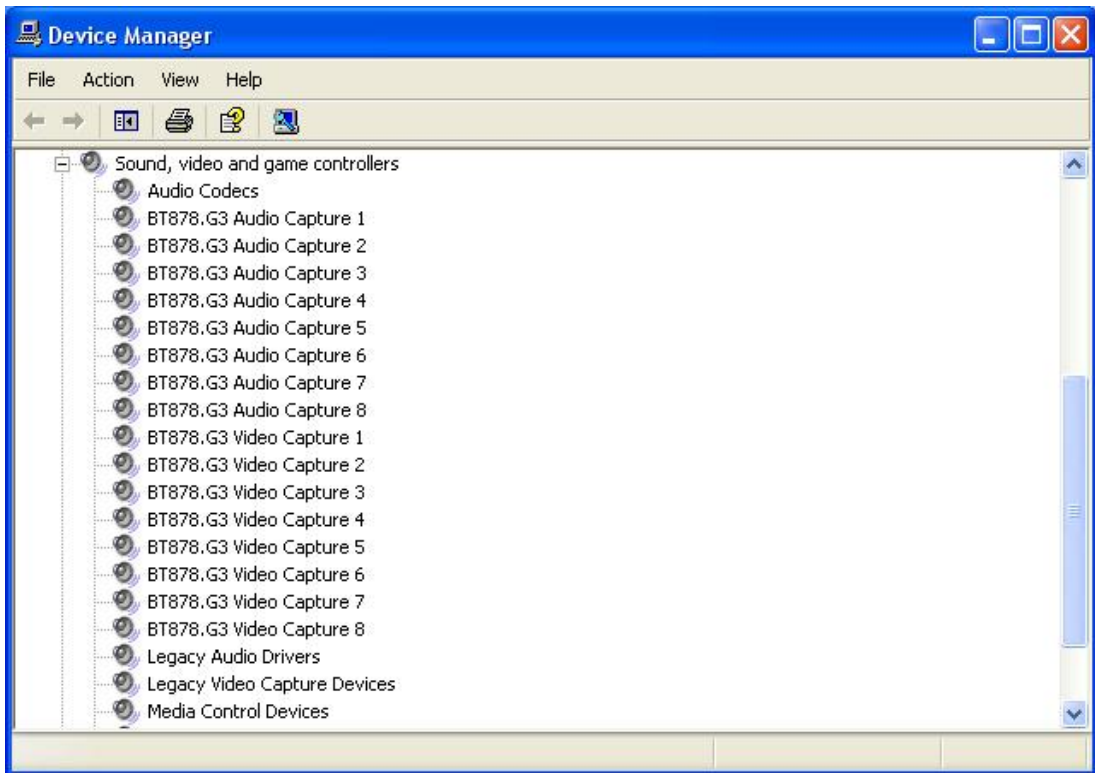


Step 3: Press install button



Software Installation

Step 4: Driver Installation finish and check the device from Device Manager. You will find "BT878.G3 Audio Capture" and "BT878 .G3 Video Capture" in "Sound, video, and game controllers"

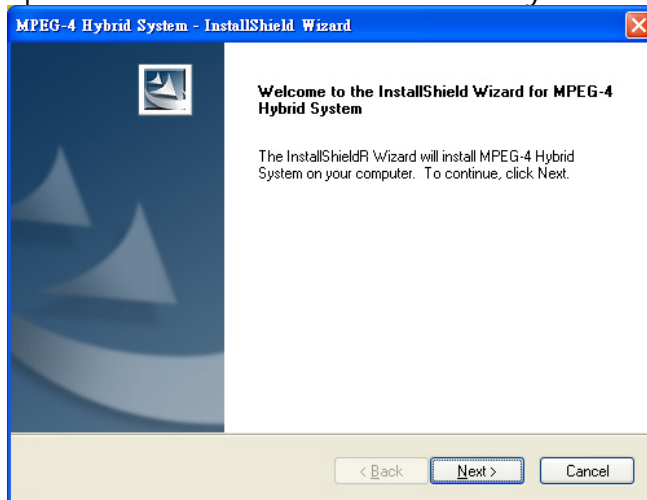


Software Specification

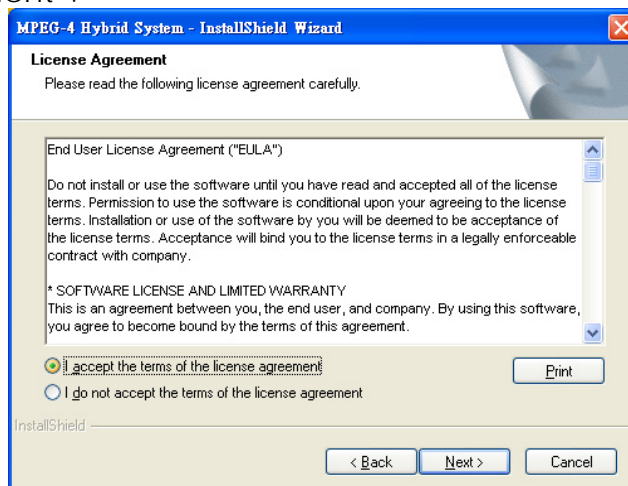
Software Installation

Step 1: Insert the Installation CD.

Step 2: Run Setup.exe from the CD-ROM directory to install.

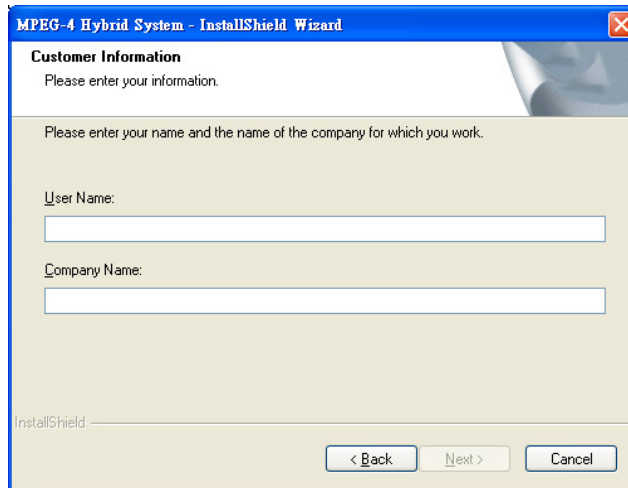


Step 3: Check the option "I accept the terms of the license agreement".



Software Installation

Step 4: Please enter your name and the company name for which you work.



MPEG-4 Hybrid System - InstallShield Wizard

Customer Information
Please enter your information.

Please enter your name and the name of the company for which you work.

User Name:

Company Name:

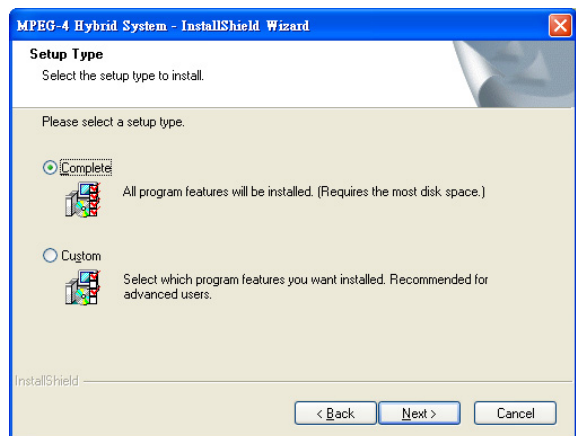
InstallShield

< Back Next > Cancel

COMPLETE SETUP TYPE:

Install all program features into the default directory.


Check the option "Complete". All program features will be installed. [Require the most disk space.




MPEG-4 Hybrid System - InstallShield Wizard

Setup Type
Select the setup type to install.

Please select a setup type.

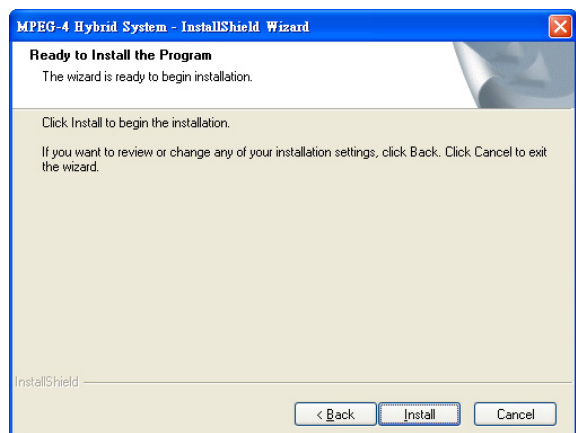
☒ **Complete**
 All program features will be installed. (Requires the most disk space.)

☐ **Custom**
 Select which program features you want installed. Recommended for advanced users.

InstallShield

< Back Next > Cancel

Press the "install" to start the installation.



MPEG-4 Hybrid System - 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, click Back. Click Cancel to exit the wizard.

InstallShield

< Back Install Cancel

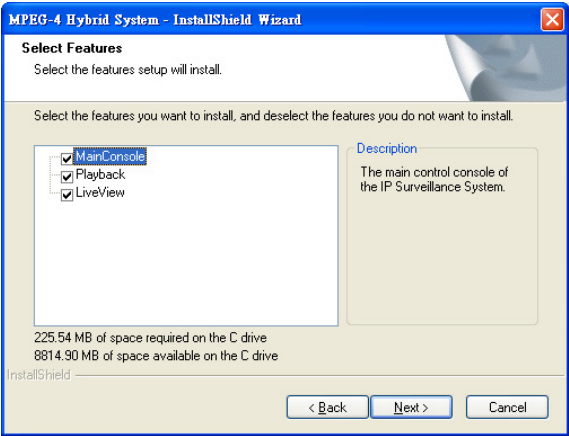
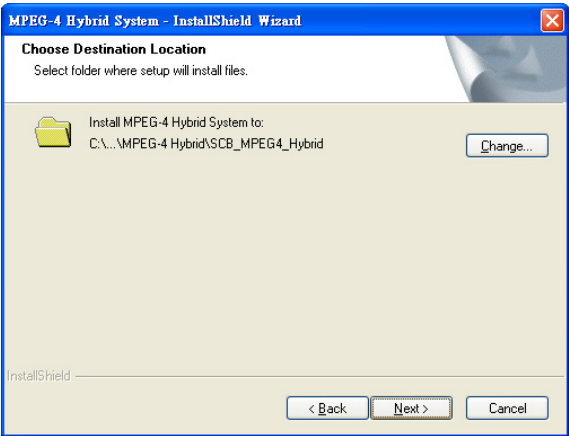
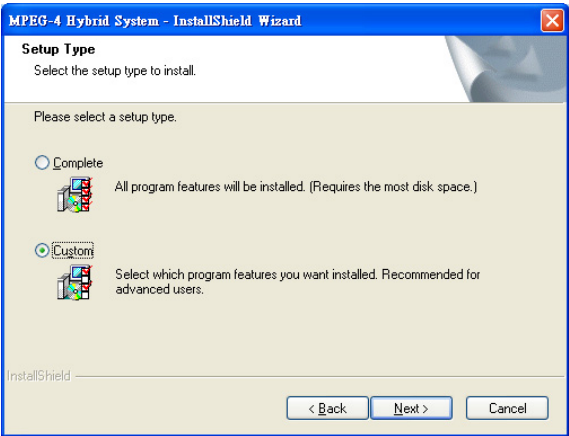
CUSTOM SETUP TYPE:

Install the system to a preferred directory. Or select whichever feature(s) you wish to install.

Check the option “Custom”. Select which program features you want to install. This is recommended for advanced users.

Select folder where setup will install files.

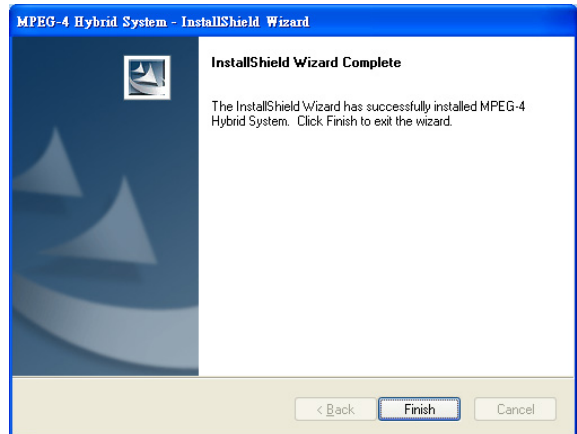
Select the features setup will install.



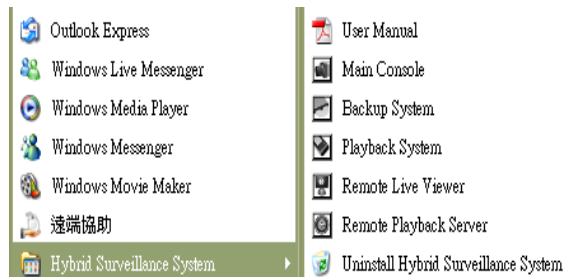
Hint: For example, select only Playback and LiveView for installation. Install and use only these features on multiple remote sites at home or anywhere with a PC.

Software Installation

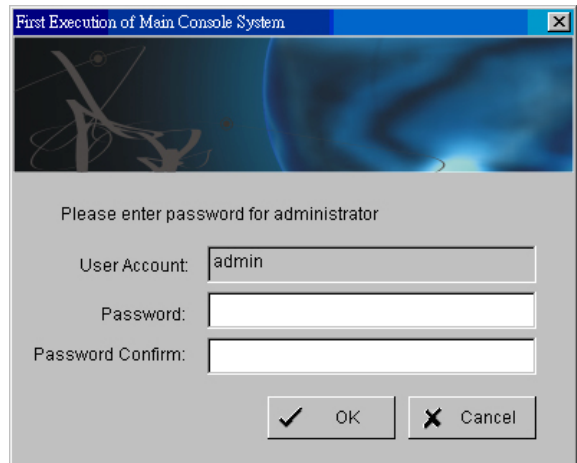
Press "Finish" to finish the installation.



Execute the Main Console



Enter the password you like into the edit box and enter again at the edit of Password Confirm. And then press "OK". Now enjoy our Intelligent Surveillance Solution.



Product Specification

4000 SERIES

	4000 Series
Display Rate	480fps(NTSC); 400fps (PAL)
Recording Rate	480fps(NTSC); 400fps (PAL)
Maximum Card	1
Video Input	16
Audio Input	16
Video Resolution	NTSC: 352x240; 704x480
	PAL: 352x288; 704x576
Compression Format	Software Compression MPEG 4

Product Specification

Hardware Installation

Hardware Installation

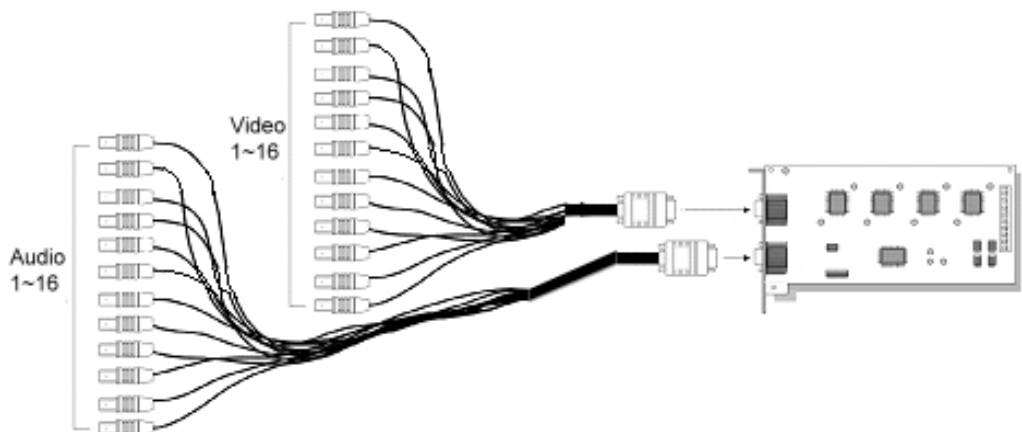
Step1: Insert the card onto an empty PCI slot. Connect the **Audio/Video Cable** to the connector in the same color.

Step 2: Turn on your PC and start Windows.

Step 3: Insert the included Software CD into CD-ROM.

Step 4: After driver being installed, restart your PC. See the detail of driver installation from page 18

Connect the Audio/Video Cable



System Requirement**System Requirement**

SCB-4000 (480fps)	
CPU	Intel Core 2 Duo E6400
RAM	2 GB
Mother-board	Intel 945 or 965 chip, Intel Chipset recommended
Display	ATI Radeon 9200, nVIDIA GeForce FX-5200, Intel 945 / 965, or above (ATI recommended)
Ethernet	100 BaseT or Above, Gigabit LAN Recommended
Hard Disk	80 GB or above
OS	MS Windows 2000 / XP Pro SP2 / 2003

Driver Installation

Driver Installation

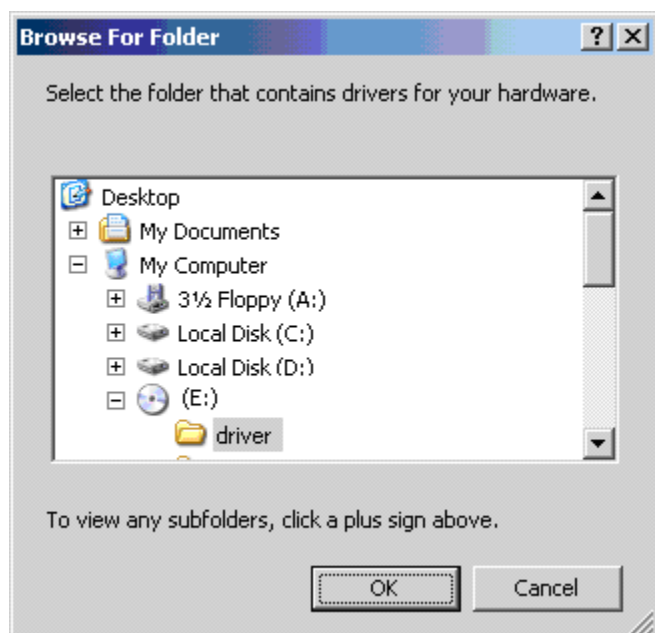
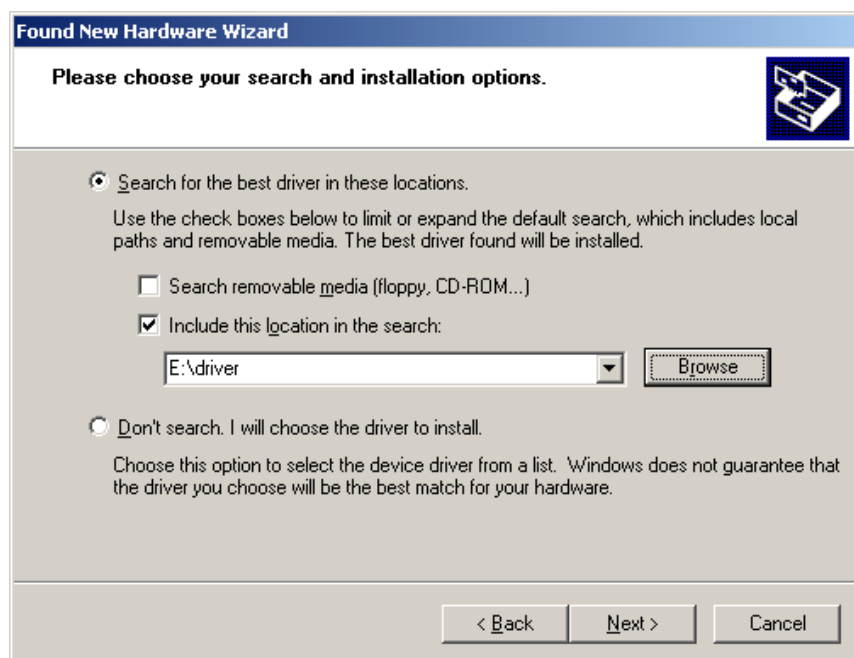
Step 1: Insert the Installation CD.

Step 2: select "Install from a list or specific location (Advanced)" in "the Found New Hardware Wizard."



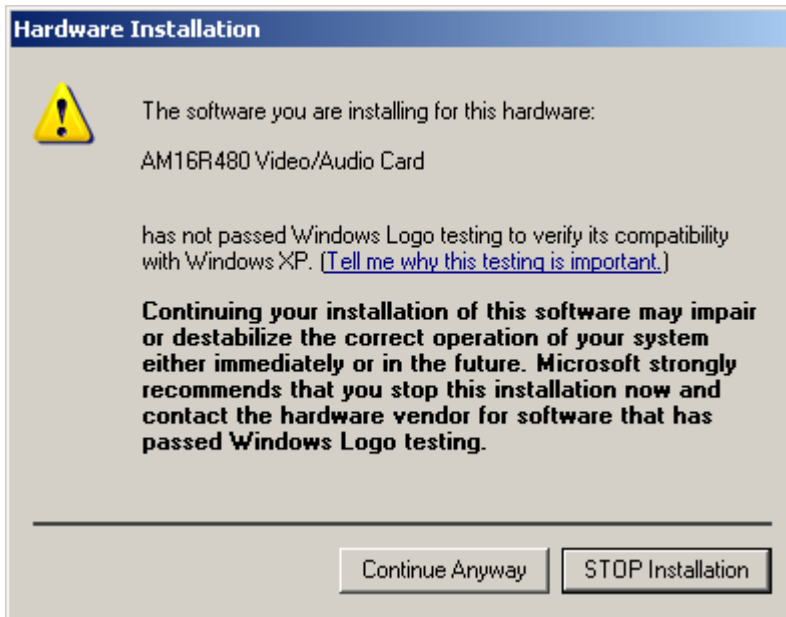
Software Installation

Step 3: press “Browse” and select the driver from root directory \driver folder.

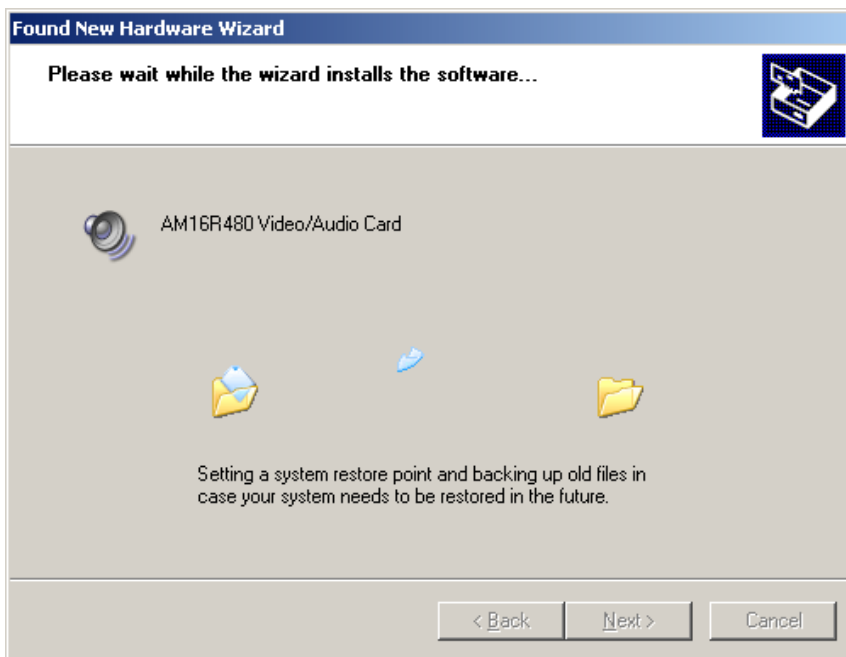


Product specification

Step 4: Please press "Continue Anyway."

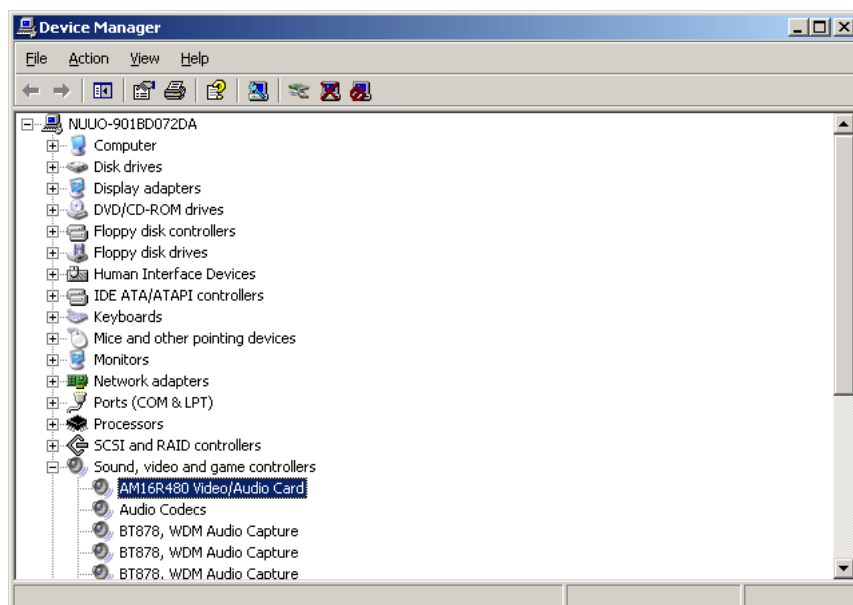
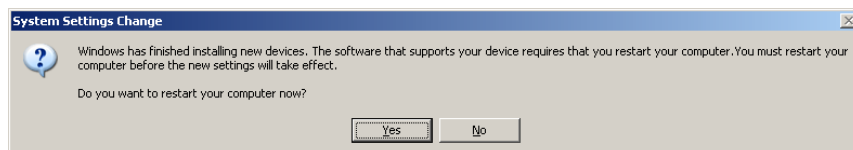
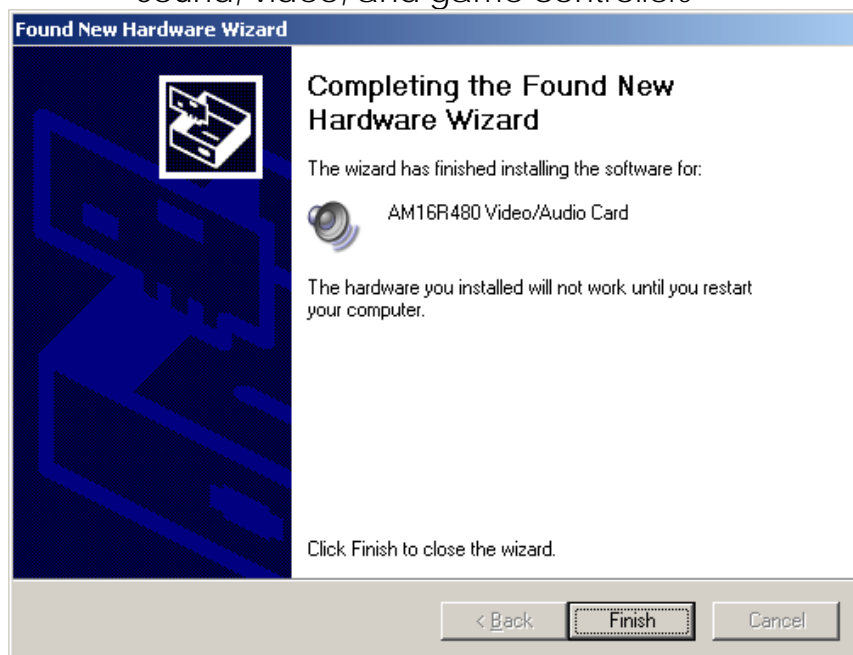


Step 5: Please wait while the wizard installs the software...



Software Installation

Step 6: Driver Installation finish, restart you PC, and check the device from Device Manager. You will find "AM16R480 Video/Audio Card in "Sound, video, and game controllers"

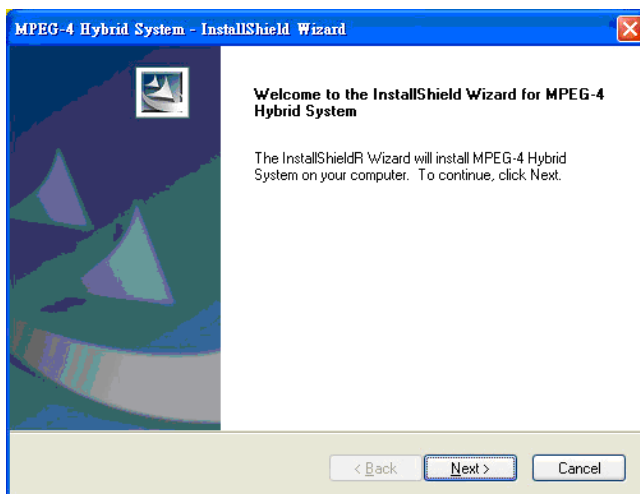


Software Installation

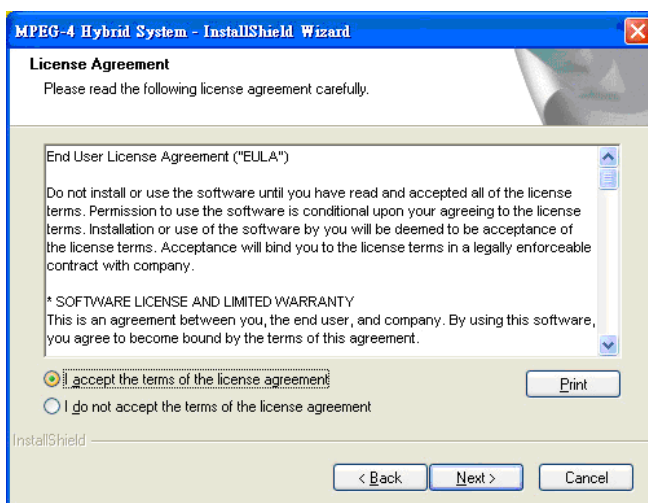
Software Installation

Step 1: Insert the Installation CD.

Step 2: Run Setup.exe from the CD-ROM directory to install.

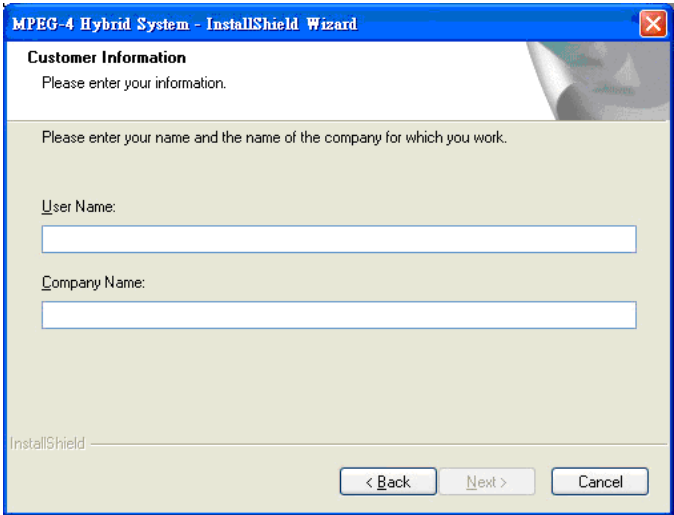


Step 3: Check the option "I accept the terms of the license agreement".



Software Installation

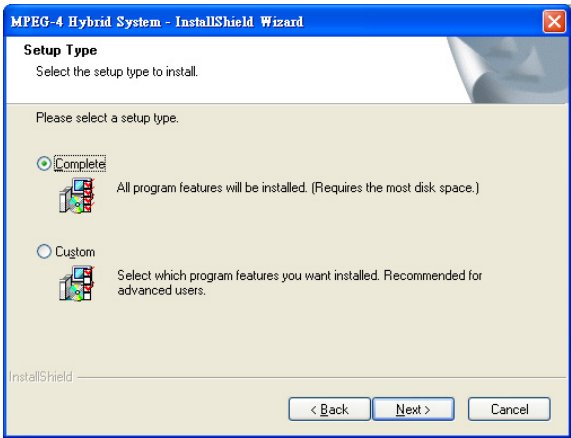
Step 4: Please enter your name and the company name for which you work.



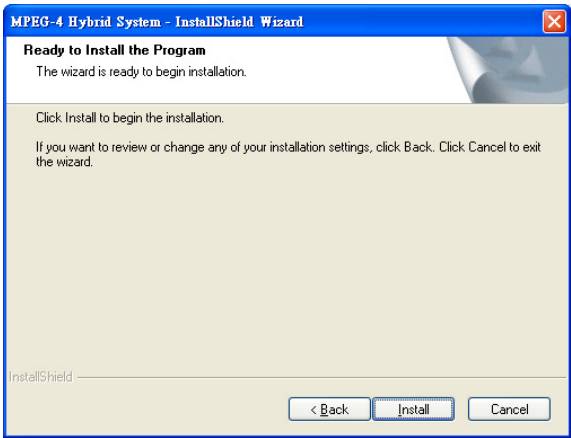
COMPLETE SETUP TYPE:

Install all program features into the default directory.

Check the option "Complete". All program features will be installed. [Require the most disk space.



Press the "install" to start the installation.



Product specification

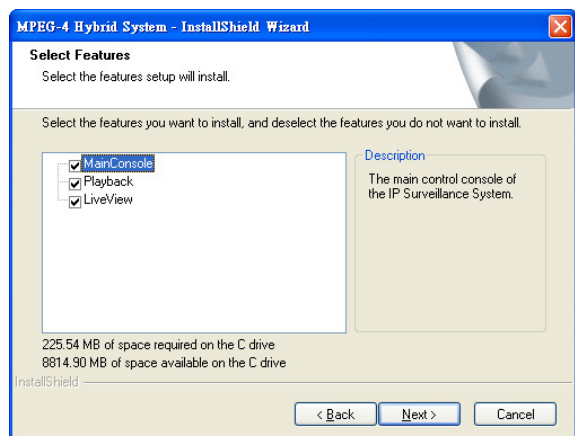
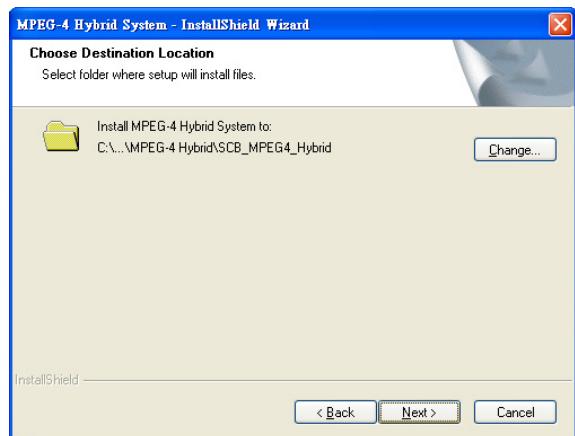
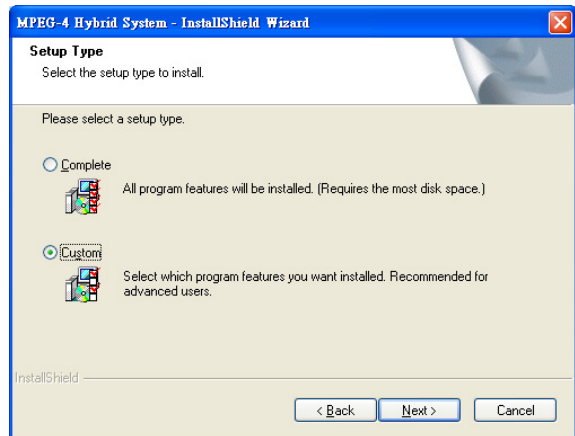
CUSTOM SETUP TYPE:

Install the system to a preferred directory. Or select whichever feature(s) you wish to install.

Check the option "Custom". Select which program features you want to install. This is recommended for advanced users.

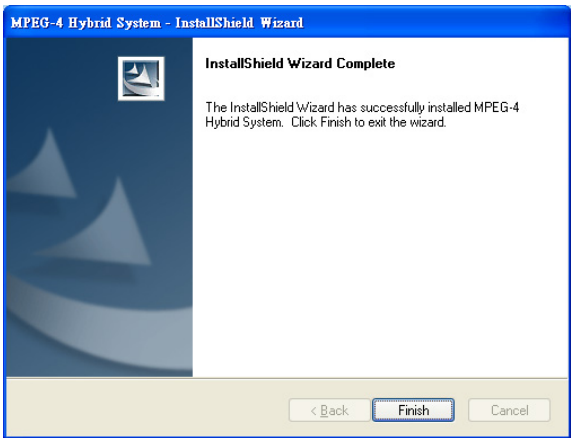
Select folder where setup will install files.

Select the features setup will install.

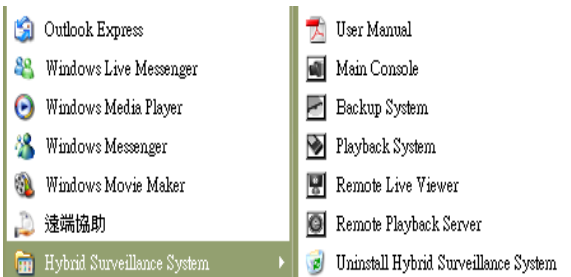


Hint: For example, select only Playback and LiveView for installation. Install and use only these features on multiple remote sites at home or anywhere with a PC.

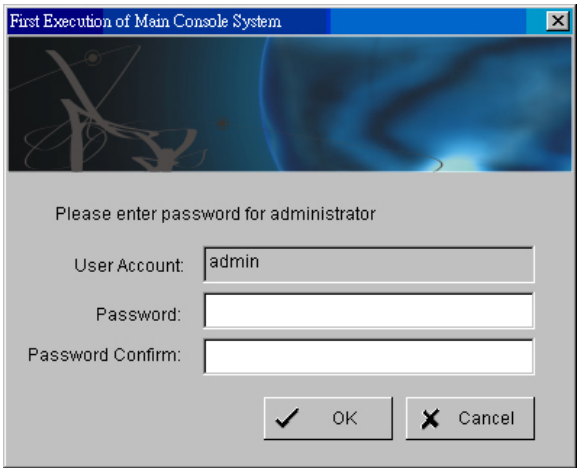
Press “Finish” to finish the installation.



Execute the Main Console



Enter the password you like into the edit box and enter again at the edit of Password Confirm. And then press “OK”. Now enjoy our Intelligent Surveillance Solution.



Product specification

5000 SERIES

Product Specification

	5016	5008	5004
Display Rate	480fps(NTSC); 400fps (PAL)	240fps(NTSC); 200fps (PAL)	120fps(NTSC); 100fps (PAL)
Recording Rate	480fps(NTSC); 400fps (PAL)	240fps(NTSC); 200fps (PAL)	120fps(NTSC); 100fps (PAL)
Maximum Card	4	4	4
Video Input	16	8	4
Audio Input	16	8	4
Video Resolution	NTSC: 176x120; 352x240; 528x320; 704x480 PAL: 176x144; 352x288; 528x384; 704x576		
Compression Format	Hardware Compression H.264		

Hardware Installation

Hardware Installation

Connecting the Audio/Video Cable - referring to the figure on next page.

There are four audio and four video input connectors on the **Audio/Video Cable**. The audio input connectors are with white wires and marks of "AID" on them; the video input connectors are with red wires and the marks of "VID".

Connecting the Audio Wire referring to the figure on next page.

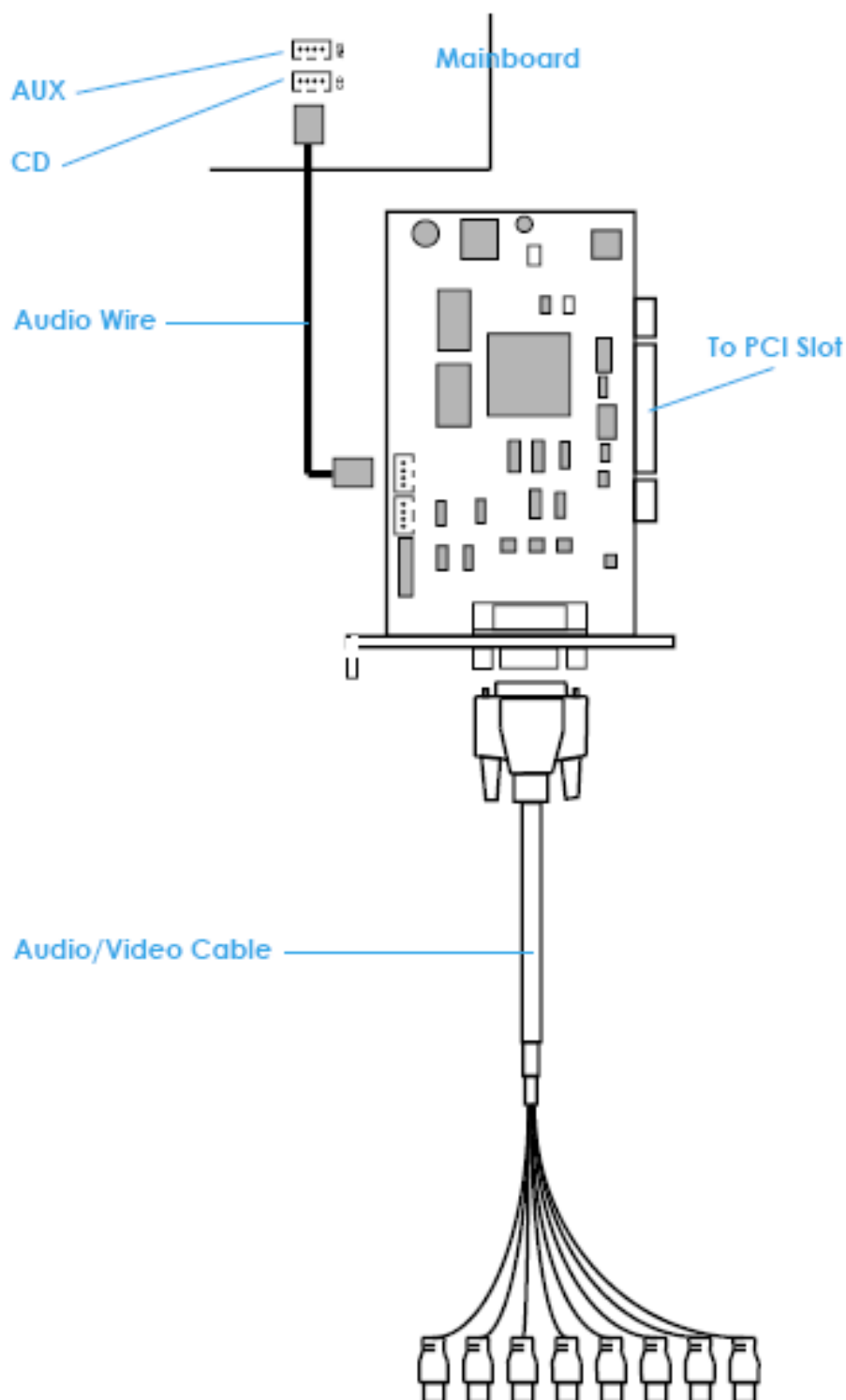
Plug the **Audio Wire** to the **out** connector of the Hardware Compression Card and then connect it to either the **AUX** or **CD** connector on the mainboard.

With the **Audio Wire** connected, you will be able to get the audio preview on Main Console.

Note: It is known that **5004 card** has compatibility problem with PPCI slot. 5004 cards can only be installed in **SPCI slots**. Normally, those 3 PCI slots nearest to CPU are PPCI slots. Avoid install 5004 card in these 3 slots. If driver was installed okay but one still encountered a problem shown below, try to install this 5004 card in another PCI slot.

Hardware Installation

5000 Series Capture Card



System Requirement

System Requirement

	64 channels	32 channels	16 channels	8 channels	4 channels
CPU	Intel Core 2 Duo E6400	Intel Pentium D 930	Intel Pentium D 930	Intel P4 2.8 GHz	Intel P4 2.8 GHz
RAM	2 GB	1 GB	1 GB	512 MB	512 MB
Mother-board	Intel 945 or 965 chip, Intel Chipset recommended				
Display	ATI Radeon 9200, nVIDIA GeForce FX-5200, Intel 945 / 965, or above (ATI recommended)				
Ethernet	100 BaseT or Above, Gigabit LAN Recommended				
Hard Disk	80 GB or above				
OS	MS Windows 2000 / XP Pro SP2 / 2003				

Software Installation

Driver Installation

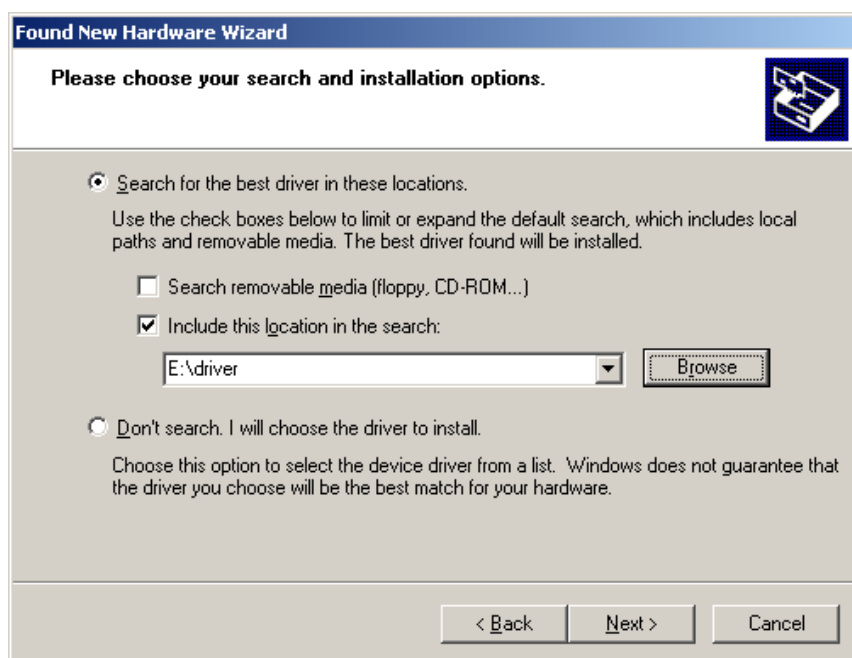
Step 1: Insert the Installation CD.

Step 2: select "Install from a list or specific location (Advanced)" in "the Found New Hardware Wizard."



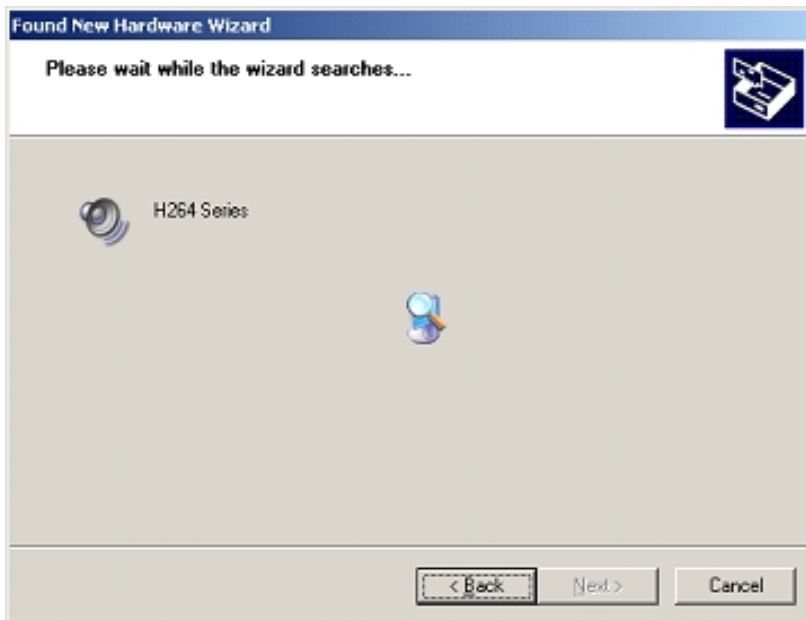
Software Installation

Step 3: press “Browse” and select the driver from root directory \driver folder.

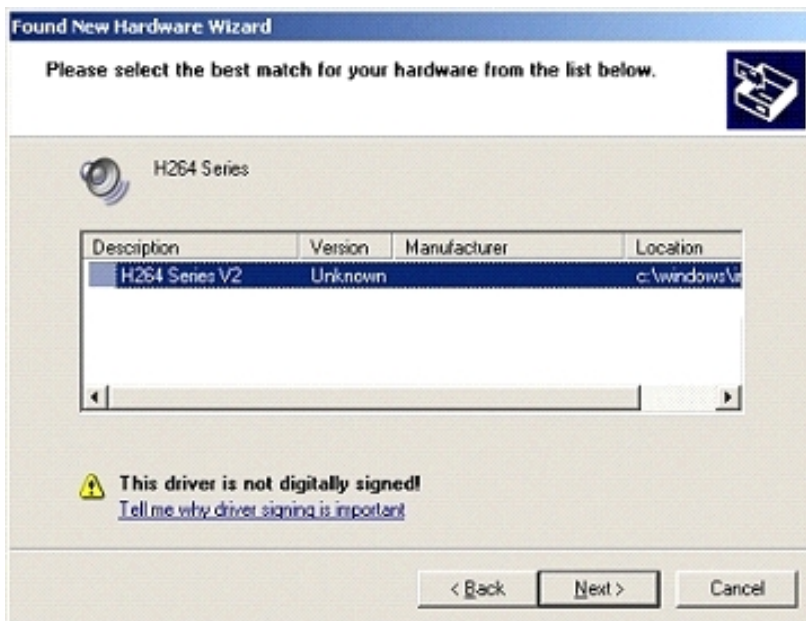


Software Installation

Step 4: Please wait while the wizard searches...



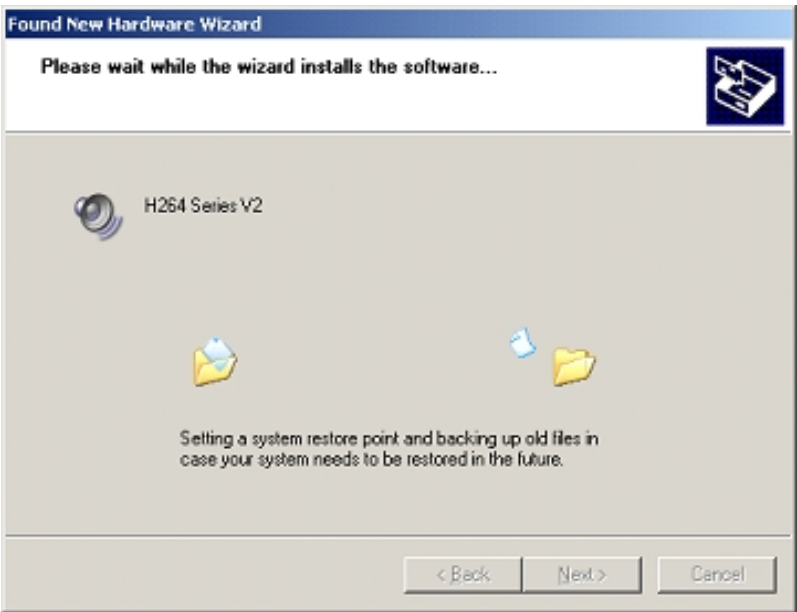
Step 5: Please select H264 Series V2



Step 6: Please press "Continue Anyway."

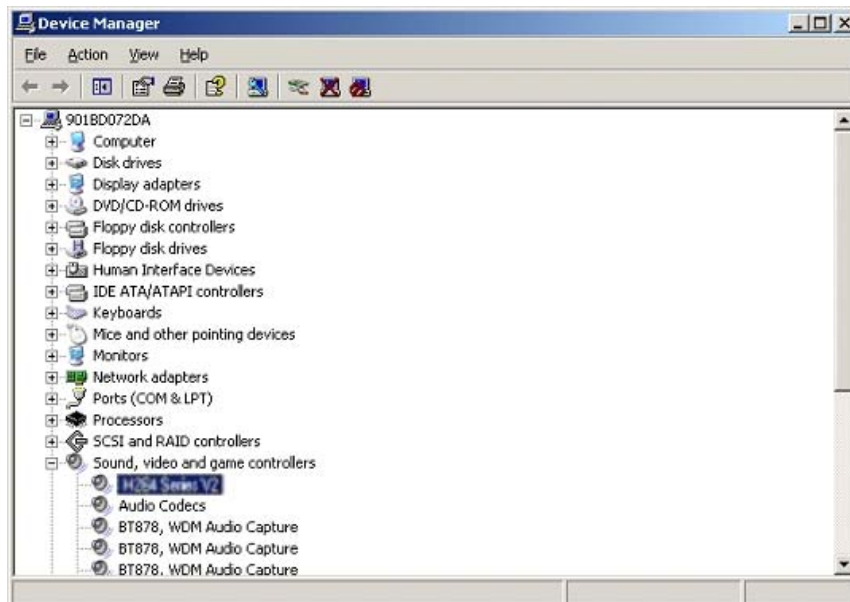


Step 7: Please wait while the wizard installs the software...



Software Installation

Step 8: Driver Installation finish and check the device from Device Manager. You will find "H264 Series V2" in "Sound, video, and game controllers"

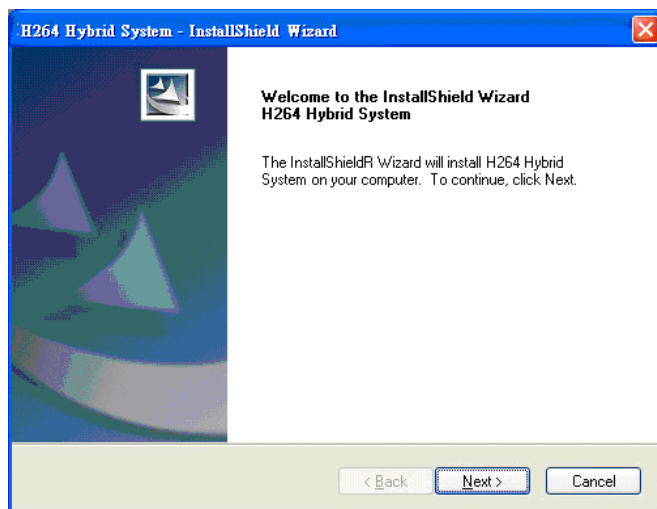


Software Installation

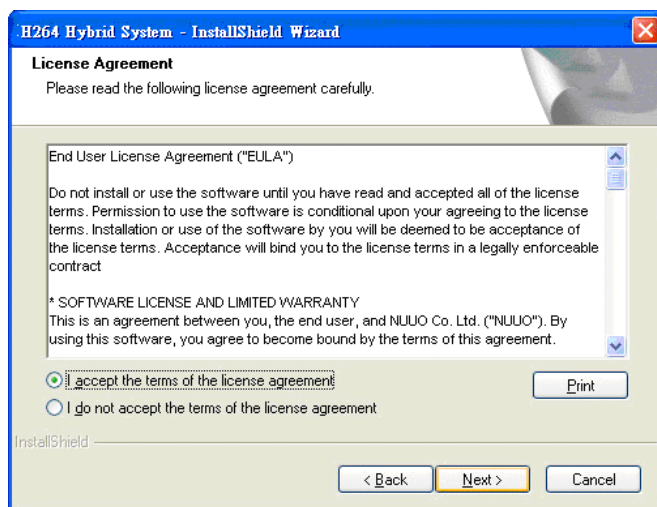
Software Installation

Step 1: Insert the Installation CD.

Step 2: Run Setup.exe from the CD-ROM directory to install.

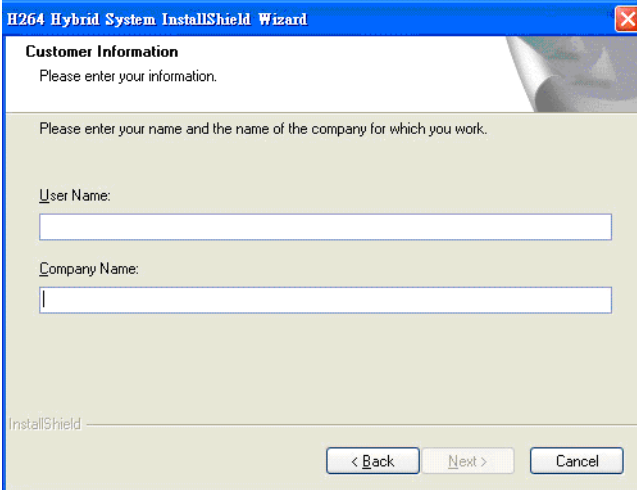


Step 3: Check the option "I accept the terms of the license agreement".



Software Installation

Step 4: Please enter your name and the company name for which you work.

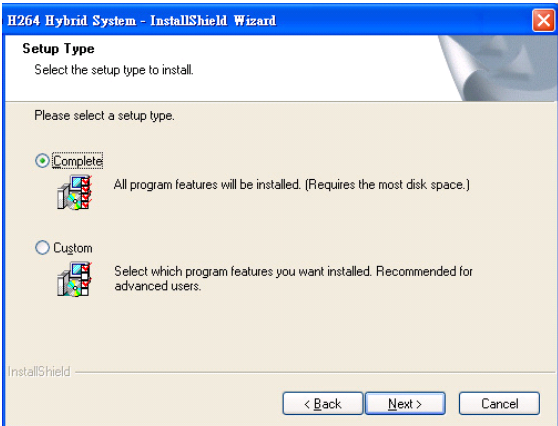


The screenshot shows the 'Customer Information' screen of the 'H264 Hybrid System InstallShield Wizard'. The title bar reads 'H264 Hybrid System InstallShield Wizard'. The main heading is 'Customer Information' with the instruction 'Please enter your information.' Below this, it says 'Please enter your name and the name of the company for which you work.' There are two input fields: 'User Name:' and 'Company Name:'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

COMPLETE SETUP TYPE:

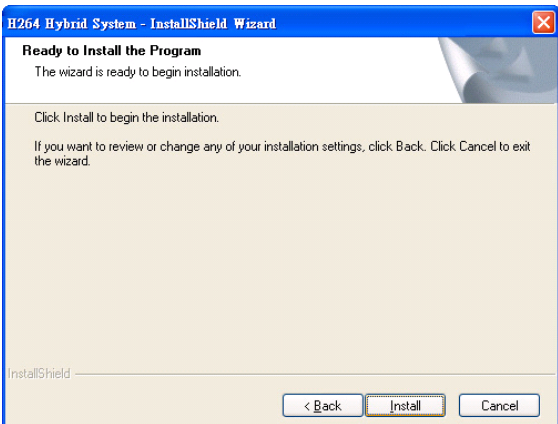
Install all program features into the default directory.

Check the option "Complete". All program features will be installed. [Require the most disk space.



The screenshot shows the 'Setup Type' screen of the 'H264 Hybrid System - InstallShield Wizard'. The title bar reads 'H264 Hybrid System - InstallShield Wizard'. The main heading is 'Setup Type' with the instruction 'Select the setup type to install.' Below this, it says 'Please select a setup type.' There are two radio button options: 'Complete' (selected) and 'Custom'. The 'Complete' option has a description: 'All program features will be installed. (Requires the most disk space.)'. The 'Custom' option has a description: 'Select which program features you want installed. Recommended for advanced users.' At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Press the "install" to start the installation.



The screenshot shows the 'Ready to Install the Program' screen of the 'H264 Hybrid System - InstallShield Wizard'. The title bar reads 'H264 Hybrid System - InstallShield Wizard'. The main heading is 'Ready to Install the Program' with the instruction 'The wizard is ready to begin installation.' Below this, it says 'Click Install to begin the installation.' and 'If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.' At the bottom, there are three buttons: '< Back', 'Install', and 'Cancel'.

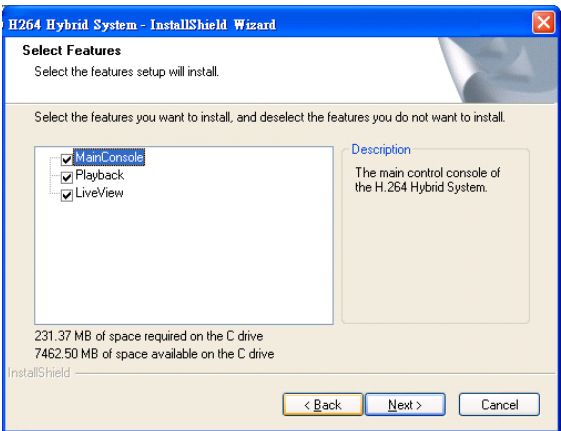
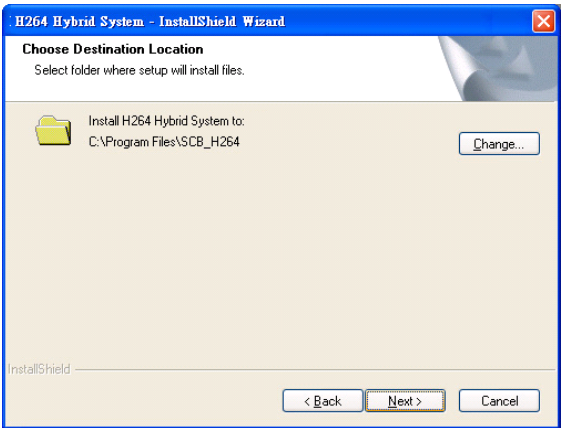
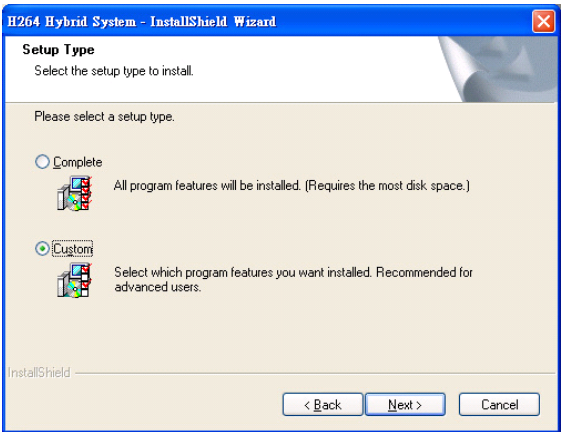
CUSTOM SETUP TYPE:

Install the system to a preferred directory. Or select whichever feature(s) you wish to install.

Check the option “Custom”. Select which program features you want to install. This is recommended for advanced users.

Select folder where setup will install files.

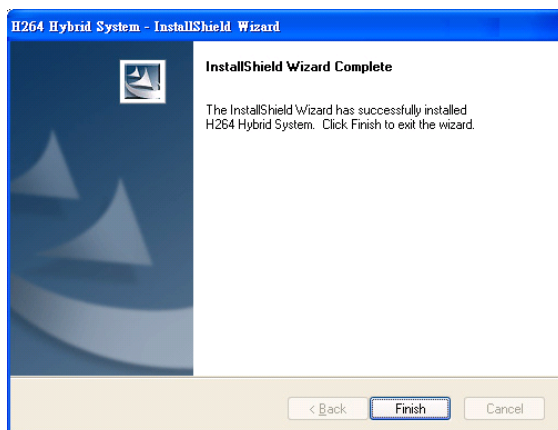
Select the features setup will install.



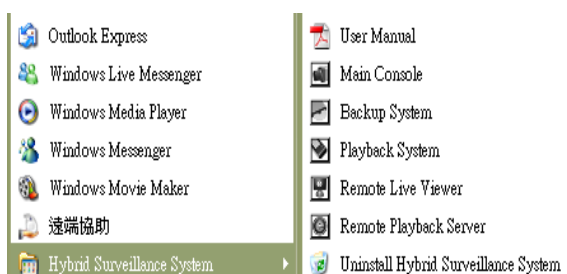
Hint: For example, select only Playback and LiveView for installation. Install and use only these features on multiple remote sites at home or anywhere with a PC.

Software Installation

Press "Finish" to finish the installation.



Execute the Main Console



Enter the password you like into the edit box and enter again at the edit of Password Confirm. And then press "OK". Now enjoy our Intelligent Surveillance Solution.

