The Intelligent Surveillance Solution

Hardware & Software Installation USER'S manual

Ver. 99.280.8110.001

TABLE OF CONTENTS

TABLE OF CONTENTS	1
1000 SERIES; 2000 SERIES; 3000 SERIES	
Product Specification	
Hardware Installation	
System Requirement	
Driver Installation	
Software Installation	11
4000 SERIES	
Product Specification	
Hardware Installation	
System Requirement	
Driver Installation	
Software Installation	
5000 SERIES	
Product Specification	
Hardware Installation	
System Requirement	
Driver Installation	
Software Installation	

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		

- 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.





I/O ports on the Capture Card.



2000 Series Capture Card





Watchdog Installation



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

😽 BT878DriverSetup Setup	
	Welcome to the BT878DriverSetup Setup Wizard This wizard will guide you through the installation of BT878DriverSetup. It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer. Click Install to start the installation.
	Install Cancel

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"

Device Manager	
ile Action View Help	
🗄 🧐 Sound, video and game controllers	
- Of Audio Codecs	
- 🕘 BT878.G3 Audio Capture 1	
- 🕘 BT878.G3 Audio Capture 2	
🛛 🧐 BT878.G3 Audio Capture 3	
🛛 🧐 BT878.G3 Audio Capture 4	
- 🧐 BT878.G3 Audio Capture 5	
- 🧐 BT878.G3 Audio Capture 6	
- 🧐 BT878.G3 Audio Capture 7	
- 🧐 BT878.G3 Audio Capture 8	
🛛 🧐 BT878.G3 Video Capture 1	
- 🕘 BT878.G3 Video Capture 2	
- 🕘 BT878.G3 Video Capture 3	
🛛 🧐 BT878.G3 Video Capture 4	
🛛 🧐 BT878.G3 Video Capture 5	
🛛 🥘 BT878.G3 Video Capture 6	
- 🕘 BT878.G3 Video Capture 7	
- 🕘 BT878.G3 Video Capture 8	
- 🕘 Legacy Audio Drivers	
- 🧐 Legacy Video Capture Devices	

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".



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.	P.
Please enter your name and the name of the company for which you work.	
User Name:	
Company Name:	
InstallShield	
< <u>B</u> ack <u>N</u> ext >	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.

Press the "install" to start the installation.



< <u>B</u>ack

Install

page-12

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.



MPEG-4 Hybrid System - InstallShield Wizard



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.

MPEG-4 Hybrid System - InstallShield Wizard			
InstallShield Wizard Complete The InstallShield Wizard has successfully installed MPEG-4. Hybrid System. Click Finish to exit the wizard.			
		< <u>B</u>	ack Finish Cancel
 ③ Outlook Express ※ Windows Live Messenger ④ Windows Media Player ※ Windows Messenger ④ Windows Movie Maker ④ 速端協助 Hybrid Surveillance Syster 	m 🔸		User Manual Main Console Backup System Playback System Remote Live Viewer Remote Playback Server Uninstall Hybrid Surveillance System
Please enter password for administrator			
User Account:	admin		
Password: Password Confirm:			
	~		OK X Cancel

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	

- 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



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
Disalari	ATI Radeon 9200, nVIDIA GeForce FX-5200, Intel 945 / 965, or
Display	above (ATI recommended)
Ethernet	above (ATI recommended) 100 BaseT or Above, Gigabit LAN Recommended

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."

Found New Hardware Wizard			
	Welcome to the Found New Hardware Wizard		
	This wizard helps you install software for:		
	Multimedia Video Controller		
	If your hardware came with an installation CD or floppy disk, insert it now.		
	What do you want the wizard to do?		
	 Install the software automatically (Recommended) Install from a list or specific location (Advanced) 		
	Click Next to continue.		
	< Back. Next > Cancel		

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

Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM)
✓ Include this location in the search:
E:\driver
O Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
<u><</u> Back <u>N</u> ext > Cancel

Browse For Folder	? ×
Select the folder that contains drivers for your h	hardware.
Desktop	-
 	
Cirit Ciritaria Ciritaria	•
To view any subfolders, click a plus sign above.	
<u></u>	Cancel

Product specification

Step 4: Please press "Continue Anyway."

Hardware	Installation
<u>.</u>	The software you are installing for this hardware: AM16R480 Video/Audio Card has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

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



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"







page-21

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".

MPEG-4 Hybrid System - InstallShield Wizard
License Agreement Please read the following license agreement carefully.
End User License Agreement ("EULA") Do not install or use the software until you have read and accepted all of the license terms. Permission to use the software is conditional upon your agreeing to the license terms. Installation or use of the software by ou will be deemed to be acceptance of the license terms. Acceptance will bind you to the license terms in a legally enforceable contract with company. * SOFTWARE LICENSE AND LIMITED WARRANTY This is an agreement between you, the end user, and company. By using this software, you agree to become bound by the terms of this agreement.
I go not accept the terms of the license agreement Print I go not accept the terms of the license agreement InstallShield
< <u>B</u> ack <u>N</u> ext > Cancel

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.	akung
Please enter your name and the name of the company for which you work.	
User Name:	
Company Name:	
InstallShield	
<u>B</u> ackNext>	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.





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.



MPEG-4 H	ybrid System - InstallShield Wizard	
	Destination Location Ider where setup will install files.	NA.
<u></u>	Install MPEG-4 Hybrid System to: C:\\MPEG-4 Hybrid\SCB_MPEG4_Hybrid	Change
InstallShield -	< <u>B</u> ac	k Next> Cancel

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.

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Software Installation

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: 176x1	20; 352x240; 528x3	320; 704x480	
	PAL: 176x144; 352x288; 528x384; 704x576			
Compression Format	Hardv	vare Compression	H.264	

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.



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	s 2000 / XP Pr	o SP2 / 2003	

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."

Found New Hardware Wizard	
	Welcome to the Found New Hardware Wizard
	This wizard helps you install software for:
	H264 Series
	If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.
	< Back. Next > Cancel

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

nd New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM)
Include this location in the search:
E:\driver
O Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back Next > Cancel

Browse For Folder	? ×
Select the folder that contains drivers for your hardw	vare.
Desktop	-
My Documents G My Computer	
🗉 🥯 Local Disk (C:)	
 Local Disk (D:) H264 (E:) 	
driver	-
	_
To view any subfolders, click a plus sign above.	
OK Can	cel

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

Found New Hardware	Wizard			
Please wait while	the wizard searches			
🕘 H264	Series			
		3		
		(< <u>B</u> ack	Next >	Cancel

Step 5: Please select H264 Series V2

🕖 H264 Serik	53		
Description H264 Series V	Version 2 Unknown	Manufacturer	Location c:\windows\
)
•			

Step 6: Please press "Continue Anyway."

Hardwar	e Installation
1	The software you are installing for this hardware:
-	H264 Series V2
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
-	Continue Anyway

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



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





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".

H264 Hybrid System - InstallShield Wizard	×
License Agreement Please read the following license agreement carefully.	
End User License Agreement ("EULA") Do not install or use the software until you have read and accepted all of the license terms. Permission to use the software is conditional upon your agreeing to the license terms. Installation or use of the software by you will be deemed to be acceptance of the license terms. Acceptance will bind you to the license terms in a legally enforceable contract * SOFTWARE LICENSE AND LIMITED WARRANTY This is an agreement between you, the end user, and NUUO Co. Ltd. ("NUUO"). By using this software, you agree to become bound by the terms of this agreement.	
I go not accept the terms of the license agreement D I go not accept the terms of the license agreement InstalShield	
< <u>B</u> ack <u>N</u> ext> Cancel)

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

H264 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:	
<u>C</u> ompany Name:	
InstallShield	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.

Press the "install" to start the installation.



page-36

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.



H264 Hybrid System - InstallShield Wizard	
Select Features Select the features setup will install.	
Select the features you want to install, and deselect the	features you do not want to install.
⊂ MainConsole ⊂ Playback ⊂ LiveView	The main control console of the H.264 Hybrid System.
231.37 MB of space required on the C drive 7462.50 MB of space available on the C drive Install5hield —	ck Next > Cancel

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.

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Statula Ala

Press "Finish" to finish the installation.

Software 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.

N	InstallShield Wizard Complete The InstallShield Wizard has successfully installed H264 Hybrid System. Click Finish to exit the wizard.			
		< <u>B</u> a	ck Finish Cancel	
 Outlook Express Windows Live Messenger Windows Media Player Windows Messenger Windows Movie Maker 遠端協助 Hybrid Surveillance Syster 			User Manual Main Console Backup System Playback System Remote Live Viewer Remote Playback Server Uninstall Hybrid Surveillance System	
Please enter pass User Account: Password: Password Confirm:	word for adr	minis	ok Cancel	