

# Hi-Dcam II

## Installation and Setup Guide



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#### • Microsoft<sup>™</sup> DirectX<sub>®</sub> 8.1 update

- ⇒ NOTE: Microsoft<sup>™</sup> DirectX<sup>®</sup> version 8.1 is required. The following steps will guide you through the inspection and update process of DirectX<sup>®</sup>.
  - 1) From the Start Menu run the DirectX® diagnostic utility with the command **dxdiag**. Click the [OK] button.

Run	? ×
<u></u>	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	dxdiag 🗾
	OK Cancel <u>B</u> rowse

Inspect which version of DirectX® is installed in your computer. If the current version is older than DirectX® 8.1 continue the update process.
 If DirectX® 8.1 or newer is shown skip to page 7, Hi-Dcam II Link installation. Click the [Exit] button.

🕻 DirectX Diagnostic Tool 📃 📃 🖸			
System DirectX Files Display Music Input Network More Help			
This tool reports detailed information about the DirectX components and drivers installed on your system. It lets you test functionality, diagnose problems, and change your system configuration to work best.			
If you know what area is causing the problem, click the appropriate tab above. Otherwise, you can use the "Next Page" button below to visit each page in sequence.			
The "More Help" page lists some other tools that may help with the problem you are experiencing.			
System Information			
Current Diate/Time: Tuesday, April 08, 2003, 12:46:00			
Computer Name: MEMRECAM			
Operating System: Microsoft Windows 2000 Professional (5.0, Build 2195)			
Language: English (Regional Setting: English)			
Processor: Intel x86 Family 15 Model 2 Stepping 4, ~2519MHz			
Memory: 512MB RAM			
Page file: 60MB used, 1187MB available			
DirectX Version: DirectX 8.0 (4.08.00.0400)			
DxDiag 5.01.2258.0400 Unicode Copyright © 1998-2000 Microsoft Corporation. All rights reserved.			
Help <u>Next Page</u> Save All Information E <u>x</u> it			

 From the Start Menu run the DirectX® 8.1 installation file at X:\dx81NTeng.exe where X represents the CD-ROM drive letter for your particular computer. Click the [OK] button.



4) In the "Microsoft DirectX 8.1 Setup" window click the [Yes] button to begin installation.

Microsoft	DirectX 8.1 Setup	X
?	This will install Microsoft DirectX 8.1. Do you wish to continu	Je?
	Yes No	

5) In the "Microsoft DirectX 8.1 Setup" window read the License Agreement. Click the [Yes] button to accept the agreement.



6) Please wait while the DirectX® components and drivers are extracted and installed.





7) In the "DirectX Setup" window click the [OK] button to reboot.



8) Once Windows® restarts verify that DirectX® was updated by running the diagnostic utility again. From the Start menu run the command **dxdiag**. Click the [OK] button.



9) Verify that DirectX® 8.1 is now shown. Click the [Exit] button.

🛠 DirectX Diagnostic Tool			
System DirectX Files Display Music Input Network More Help			
This tool reports detailed information about the DirectX components and drivers installed on your system. It lets you test functionality, diagnose problems, and change your system configuration to work best.			
If you know what area is causing the problem, click the appropriate tab above. Otherwise, you can use the "Next Page" button below to visit each page in sequence.			
The "More Help" page lists some other tools that may help with the problem you are experiencing.			
System Information			
Current Date/Time: Tuesday, April 08, 2003, 12:49:10			
Computer Name: MEMRECAM			
Operating System: Microsoft Windows 2000 Professional (5.0, Build 2195)			
Language: English (Regional Setting: English)			
Processor: Intel(R) Pentium(R) 4 CPU 2.53GHz			
Memory: 512MB RAM			
Page file: 54MB used, 1193MB available			
DirectX Version: DirectX 8.1 (4.08.01.0881)			
DxDiag 5.01.2600.0881 Unicode Copyright © 1998-2001 Microsoft Corporation. All rights reserved.			
Help <u>Next Page</u> Save All Information Exit			

#### • *Hi*-Dcam *II* Link installation

1) From the Start Menu select Settings and click on **Control Panel**.



2) In the "Control Panel" window double click the **Add/Remove Programs** icon.



 In the "Add/Remove Programs" window click the Add New Programs button. Then click the [CD or Floppy] button.

🔚 Add/Remov	Programs		<u>-0×</u>
Add/Remove Change or Remove Programs Add New Programs Add New Programs	Add a program To To Add program To over	m from CD-ROM or floppy disk add a program from a CD-ROM or floppy disk, click CD or Floppy. s from Microsoft add new Windows features, device drivers, and system updates ar the Internet, click Windows Update.	CD or Eloppy Windows Update
			Close

4) In the "Install Program From Floppy Disk or CD-ROM" window click the [Next] button.



5) In the "Run Installation Program" window click the [Browse] button.

Run Installation Program	×
	Windows was unable to find the installation program. Click Back to try again. Click Browse to find the installation program manually.
	Dpen: Browse
	< <u>B</u> ack Finish Cancel

6) In the "Browse" window search for the Hi-Dcam II link installer file. Double click the **HiD link installer v1.0.1.12** file.

Browse		<u>? ×</u>
Look jn:	🔁 HiDcamll 💽 🗢 🛍 📸	
History History Desktop My Documents My Computer	SDK	
My Network P	File name:     HiD link installer v1.0.1.12       Image:     Image: Setup Programs	n xel

7) In the "Run Installation Program" window click the [Finish] button.

Run Installation Program		×
	If this is the correct installation program, click Finish. To start the automatic search again, click Back. To manually search for the installation program, click Browse.	
	Open: DcamII\HiD link installer v1.0.1.12.EXE <sup>**</sup> Browse	
	< <u>B</u> ack Finish Cancel	

8) In the "Welcome" window click the [Next] button.



9) In the "Choose Destination Location" window click the [Next] button to accept the default target directory.

滑 Choose Destination Loc	ation	×
	Setup will install NAC Hi D-Cam II Link in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install NAC Hi D-Cam II Link by clicking Cancel to exit Setup.	
	Destination Folder C:\Program Files\NAC\Hi D-Cam II <u>Br</u> owse	
	< <u>B</u> ack <u>Next</u> Cancel	

10)In the "Backup Replaced Files" window click the [Next] button to backup all replaced files. If you do not wish to backup these files, click the **No** radio button and then click the [Next] button.

월 Backup Replaced Files		×
	This installation program can create backup copies of all files replaced during the installation. These files will be used when the software is uninstalled and a rollback is requested. If backup copies are not created, you will only be able to uninstall the software and not roll the system back to a previous state. Do you want to create backups of the replaced files?	_
	< <u>B</u> ack <u>Next&gt;</u> Cancel	

11)In the "Select Program Manager Group" window click the [Next] button to accept the default program folder.

覺 Select Program Manage	er Group	×
	Enter the name of the Program Manager group to add NAC Hi D-Cam II Link icons to:	
	NAC Hi-DCam II	
	Accessories Administrative Tools Ahead Nero HSV_Capture Intel Application Accelerator Roxio Easy CD Creator 5 Startup	
	< <u>B</u> ack <u>Next</u> Cancel	

12)In the "Start Installation" window click the [Next] button to begin the installation.



13)Please wait for the software components to be installed.

Installing		×
	Current File Copying file: CALLANACAHI D-Cam IIAPEGRP32a.dll	
	< Back Next > Cancel	

14) In the "Installation Complete" window click the [Finish] button to exit.



15)Shut down the computer from the Start menu.

Shut Dow	n Windows	×
	Windows 2000 Professional	Microsoft
2	What do you want the computer to do? Shut down  Ends your session and shuts down Windows so that you can safely turn off power.	
	OK Cancel	Help

#### • *Hi*-Dcam *II* PCI controller installation

- $\Rightarrow$  CAUTION: Power down your system before opening the computer case. Handle electronic devices with care.
  - 1) Remove the computer case cover. Install the *Hi*-Dcam *II* PCI Controller in any empty PCI slot on your system board.



2) Connect the trigger ribbon cable to connector P4 on the *Hi*-Dcam *II* PCI Controller.



3) Connect the power cable to the power supply.



- 4) Connect the *Hi*-Dcam *II* PCI Controller to the Camera Head using the supplied Data and Power cables.
  - Connect **P1** on the PCI Controller to **P1** on the Camera Head
  - Connect **P2** on the PCI Controller to **P2** on the Camera Head
  - Connect Power on the Power / Trigger Panel to Power on the Camera Head



5) Restore the computer case cover. Connect Power and turn computer system on.

#### • *Hi*-Dcam *II* PCI controller configuration

- ⇒ NOTE: These steps assume that all software and hardware have been installed. Please wait while the PCI card is recognized and the "Found New Hardware Wizard" window appears.
  - 1) In the "Found New Hardware Wizard" window click the [Next] button.



2) In the "Found New Hardware Wizard" window verify that the "Search for suitable driver for my device" radio button is selected. Click the [Next] button.

Found New Hardware Wizard		
Install Hardware Device Drivers A device driver is a software program that enables a hardware device to work with an operating system.		
This wizard will complete the installation for this device:		
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.		
What do you want the wizard to do?		
Search for a suitable driver for my device (recommended)		
Display a list of the known drivers for this device so that I can choose a specific driver		
< <u>B</u> ack <u>N</u> ext > Cancel		

3) In the "Found New Hardware Wizard" window check the "Specify a location" box. Click the [Next] button.

Found New Hardware Wizard	
Locate Driver Files Where do you want Windows to search for driver files?	
Search for driver files for the following hardware device:	
Multimedia Video Controller	
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify	
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.	
Optional search locations:	
Floppy disk drives	
CD-ROM drives	
Specify a location	
Microsoft Windows Update	
< <u>B</u> ack <u>N</u> ext > Can	icel

4) In the "Found New Hardware Wizard" window click the [Browse] button.

Found Nev	v Hardware Wizard		×
2	Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK Cancel	
	Copy manufacturer's files from:	Browse	i muri

 In the "the "Found New Hardware Wizard" window click the [Browse] button. Search for the driver located here:
 C:\Program Files\NAC\Hi D-Cam II\Drivers\Win2K\Epixxcw2.inf Select the "Epixxcw2.inf" file and click to [Open] button.

Locate File					? ×
Look <u>i</u> n:	🔁 Win2K		•	🗢 🗈 💣 🎟 •	
History	Epixxcw2				
0 Desktop					
My Documents					
My Computer					
Mu Naturate P	File <u>n</u> ame:	Shortcut to Epixxcw2		•	<u>O</u> pen
My Network F	Files of type:	Setup Information (*.inf)		<b>V</b>	Cancel

6) In the "Found New Hardware Wizard" window click the [OK] button.



7) In the "Found New Hardware Wizard" window click the [Next] button.

Found New Hardware Wizard
Driver Files Search Results The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
Multimedia Video Controller
Windows found a driver for this device. To install the driver Windows found, click Next.
c:\program files\nac\hi d-cam ii\drivers\win2k\epixxcw2.inf
< <u>B</u> ack Cancel

8) In the "Digital Signature Not Found" window click the [Yes] button.



9) In the "Found New Hardware Wizard" window click the [Finish] button.



10)Restart the computer from the Start menu.

