

**Nikon**

**En**

# Nikon Capture 4

Ver. 4.3

Nikon Capture 4 Ver. 4.3 Install Guide (En)

***Install Guide***

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# Introduction

## *About This Manual*

Thank you for your purchase of Nikon Capture 4 (Ver. 4.3). This install guide explains how to install and uninstall Nikon Capture 4 on your Windows or Macintosh computer, and how to connect your camera to your computer. It also explains how to insert a camera memory card in a card reader or PC card slot, how to start Nikon Capture 4, and how to register the camera with the system. Before reading this guide, be sure to read the *Nikon Capture 4 User's Manual*.

The procedure for installing Nikon Capture 4 varies with the model of camera and computer operating system you are using. Be sure to read the sections of this guide that apply to your model of camera and computer operating system.

### Overview

This guide is divided into two main parts, one for Windows and the other for Macintosh computers.

#### Windows

This section explains how to install and uninstall Nikon Capture 4 on your Windows computer, and how to connect your camera to your computer. It also explains how to insert the memory card in a card reader or PC card slot. Note that when you connect your camera to a Windows computer after installing Nikon Capture 4, the computer will automatically identify the camera as a new device and initiate device registration. For information on confirming that the camera is correctly registered with the system, see "Device Registration" in this manual, which describes how to confirm device registration with different models of camera and different versions of Windows.

#### Macintosh

This section explains how to install and uninstall Nikon Capture 4 on your Macintosh computer, and how to connect your camera to your computer. It also explains how to insert the memory card in a card reader or PC card slot.

#### Illustrations

The illustrations in this guide are from Windows XP and Mac OS X. Depending on the operating system used, the dialogs and menus displayed on your computer may differ slightly from those shown here.

# Windows

This section explains how to install and uninstall Nikon Capture 4, how to connect your camera and insert the camera memory card in a card reader or PC card slot, and how to register the camera with the system.

## Installing Nikon Capture 4 Under Windows

Before installing Nikon Capture 4, make sure that your computer meets the following system requirements.

<b>OS</b>	Pre-installed versions of Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional, Windows Millennium Edition (Me), Windows 98 Second Edition (SE)	
<b>CPU</b>	300 MHz Pentium equivalent or better	
<b>RAM</b>	256 MB (768 MB or more recommended)	
<b>Hard-disk space</b>	200 MB required for installation	
<b>Video resolution</b>	800×600 pixels or more with 16-bit color (High Color/thousands of colors). 24-bit color (True Color/millions of colors) recommended.	
<b>Interface</b>	<b>IEEE 1394<sup>†</sup></b>	Open Host-Controller Interface (OHCI) compliant IEEE 1394 interface board or card <sup>‡</sup> required for connection to D1, D1x, and D1H
	<b>USB<sup>**</sup></b>	Built-in USB interface
<b>Supported cameras (Camera Control)</b>	D1-series, D2-series, D100, D70s, D70, and D50	
<b>Other</b>	<ul style="list-style-type: none"> <li>• CD-ROM drive required for installation.</li> <li>• Internet connection required for some options.</li> </ul>	

† The camera may not function as expected when connected to an IEEE 1394 hub.

‡ A list of boards and cards that have been tested and approved for use with the D1, D1x, and D1H is available on-line at the sites listed page 2 of the User's Guide.

\*\*The camera may not function as expected when connected to a USB hub or keyboard.

### Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional

Installing Nikon Capture 4 under a multi-user operating system requires Administrator privileges. When installing Nikon Capture 4, log in as:

<b>Windows XP Home Edition/Professional</b>	Computer administrator
<b>Windows 2000 Professional</b>	Administrators

When installing Nikon Capture 4, you can choose between Easy Install and Custom Install options.

### Easy Install

The following software will be installed in the order given below.

- |   |   |   |                 |
|---|---|---|-----------------|
| 1 | Nikon Mass Storage Camera Drivers<br>(Windows 98 SE only) | 3 | Nikon Capture 4 |
| 2 | Driver for D1-series cameras                              |   |                 |

### Custom Install

Choose from the following (software will be installed in the order listed):

- |   |   |   |                 |
|---|---|---|-----------------|
| 1 | Nikon Mass Storage Camera Drivers<br>(Windows 98 SE only) | 3 | Nikon Capture 4 |
| 2 | Driver for D1-series cameras                              |   |                 |

#### Before installing Nikon Capture 4

- Uninstall any earlier versions of Nikon Capture before installing Nikon Capture 4.
- Nikon Capture 4 version 4.3 can be used with either PictureProject or the latest version of Nikon View. For information on the latest Nikon software, visit the websites listed on page 2 of the *Nikon Capture 4 User's Manual*.
- Exit all applications, including any virus-checking software that may be running.

Start the computer and insert the Nikon Capture 4 installer CD in a CD-ROM drive. The Install Center program will launch automatically. Depending on the country of purchase, a "Select Region" dialog may be displayed. Select a region and click **Next**. A language-selection dialog will be displayed; select a language and click **Next**. The "Install Center" window will be displayed. The Install Center window contains three tabs: Software, Custom Install, and Customer Support. Clicking **Quit** will interrupt installation and close the Install Center window.

### Software



Clicking the **Easy Install** button in the Software tab begins installation of the Nikon Mass Storage Camera Drivers (Windows 98 SE only), the driver for D1 series cameras, Nikon Capture 4.

### Custom Install



This tab lists the software that can be installed from the Install Center window. Check the desired items and click **Install** to begin installation.

### Customer Support



**Customer Support**  
Click the button for your area to view the Nikon technical support web site (Internet connection required).

**ReadMe**  
Click **ReadMe** to view the ReadMe file. We recommend that you view the ReadMe file before installing Nikon Capture 4.

#### **If the "Select Region" or "Select Language" Dialog Is Not Displayed**

If the Install Center program does not launch automatically when the Nikon Capture 4 CD is inserted:

1. Under Windows XP Home Edition and Windows XP Professional, select **My Computer** from the **Start** menu. In other versions of Windows, double click the My Computer icon on the desktop.
2. Click the icon for the CD-ROM drive containing the Nikon Capture 4 CD with the right mouse button.
3. Choose **AutoPlay** from the menu that appears.

## Easy Install

The standard installation procedure involves two steps: choosing the Easy Install option and installing the software.

### Step 1: Choose the Easy Install option

In the Software tab, click **Easy Install** to begin installation of the Nikon Mass Storage Camera Drivers (Windows 98 SE only), the driver for D1-series cameras, Nikon Capture 4.



### ✓ Before installation

Before installing Nikon Capture 4 and the device driver, make sure the camera is not connected to the computer. If the Device Wizard is displayed, click **Cancel** to exit the Wizard.

### ✍ Product Key

If prompted to supply a product key when starting Nikon Capture 4 Editor or Nikon Capture 4 Camera Control, enter the product key supplied on the Nikon Capture 4 CD case.

## Step 2: Complete installation

### 2.1 — Install the driver for D1-series cameras

If you are using one of the D1 series of cameras, first install the driver for your camera. If you are using a different model of camera, click **Cancel** and go to the next step. To install the driver for D1 series cameras, click **OK**.

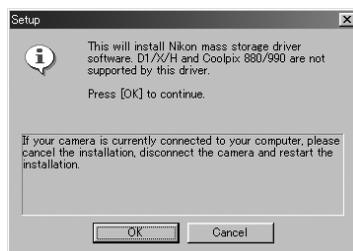


The system will display a message stating that installation is complete. Click **OK**.



### Windows 98 SE

If you are using Windows 98 SE, the Nikon Mass Storage Camera Drivers will be installed before the driver for D1 series cameras. The dialog box shown right will be displayed. Click **OK** to continue.



## 2.2— Install Nikon Capture 4

Installation of Nikon Capture 4 begins with the license agreement.

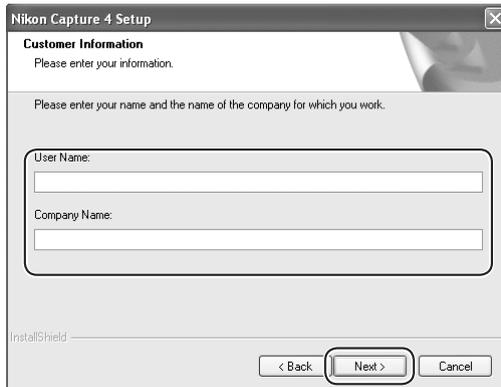
### 2.2.1— Accept the license agreement

After making sure that you have read and understood the contents of the agreement, click **Yes** to continue installation.



### 2.2.2— Personalize your copy of Nikon Capture 4

Enter your name and company (if applicable) to activate the **Next** button. Clicking **Next** will display a confirmation dialog; if the information you entered is correct, click **Yes** to proceed to the next step.



## Earlier Versions of Nikon Capture

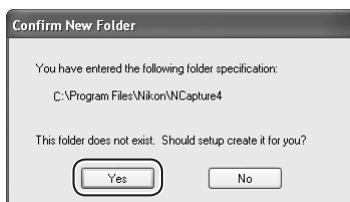
Before you can install Nikon Capture 4, you must uninstall any earlier versions of Nikon Capture.

### 2.2.3—Choose a location

The folder to which Nikon Capture 4 will be installed is shown in the **Destination Folder** area (the default location is ...Program Files\Nikon\NCapture4). To install to this folder, click **Next**. To select a new folder, click the **Browse...** button and navigate to the desired location.

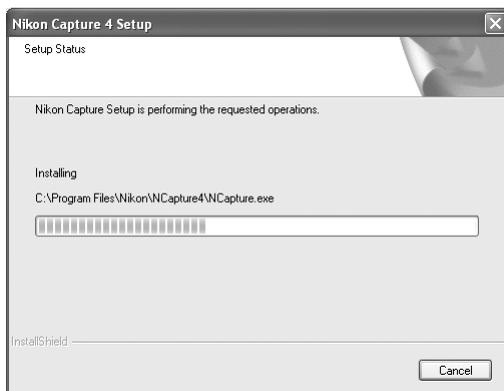


If the chosen folder does not already exist, clicking **Next** will display the following dialog. Click **Yes** to create a folder in the location shown.



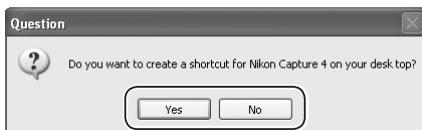
### 2.2.4—Start installation

While installation is in progress, the dialog shown below will be displayed.



### 2.2.5—Create a shortcut on the desktop

When the progress indicator reaches 100%, the dialog shown below will appear. Click **Yes** to create a shortcut, allowing you to start Nikon Capture 4 directly from an icon on the desktop. If you do not want to create a shortcut, click **No**.



### Associating File Extensions with Nikon Capture 4

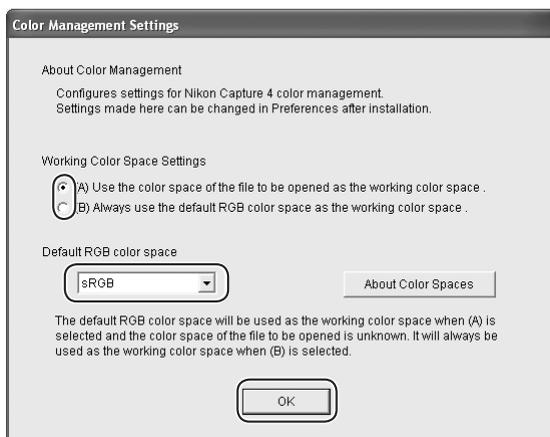
If Nikon Scan or other software that uses the same file extensions as Nikon Capture is installed, a dialog will be displayed asking whether you would like to associate Nikon Capture 4 with the extensions for color balance settings (\*.nca), tone curves (\*.ncv), and other image adjustment settings files. To associate Nikon Capture 4 with these extensions (recommended), click **Yes**.

### Choosing an Application for Opening Image Files

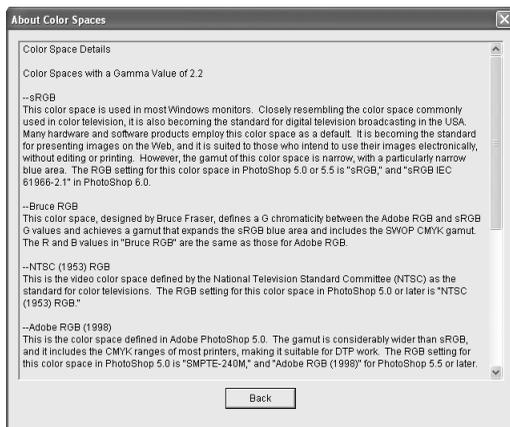
If Adobe Photoshop is installed on your system, the dialog for choosing an application for opening image files will be displayed. Click **Yes** to select Photoshop as the application that will be used to open image files.

### 2.2.6—Choose default color management settings

To use the color-space profile embedded in images opened in Nikon Capture 4, choose **(A) Use the color space of the file to be opened as the working color space**. To choose a default RGB color-space profile for the working color space in Nikon Capture 4, choose **(B) Always use the default RGB color space as the working color space**. When this option is selected, you can choose the default color-space profile from a pull-down menu. Click **OK** to put changes into effect and proceed to the next step.



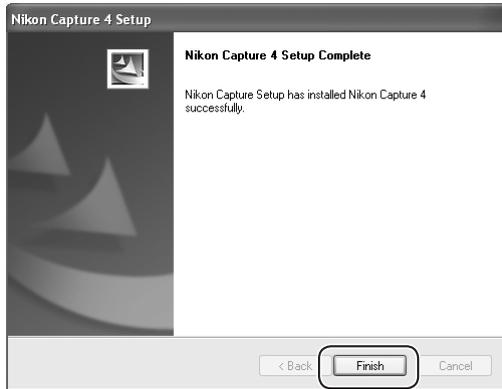
Clicking **About Color Spaces** displays a description of the different color-space profiles. Use this explanation to help you choose a color-space profile.



The default output color-space profile can be changed at any time after installation in the Color Management tab of the Nikon Capture 4 Editor or Nikon Capture 4 Camera Control Preferences dialog.

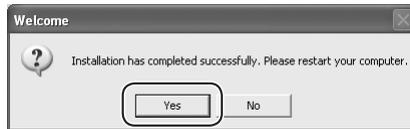
### 2.2.7—Complete installation of Nikon Capture 4

The following dialog is displayed when installation of Nikon Capture 4 is complete. Click **Finish** to proceed to the next step.



### 2.3—Restart your computer

The dialog shown below will appear when installation is complete. Click **Yes** to restart your computer. This completes the Easy Install procedure.



## Custom Install

The standard installation procedure involves two steps: choosing the Custom Install option and installing the software.

### Step 1: Choose the Custom Install option

Click the Custom Install tab and check the software you want to install.



### *Nikon Mass Storage Camera Drivers*

This check box is only displayed under Windows 98 Second Edition (SE). Check this box to install the Nikon Mass Storage Camera Driver for Windows 98 SE.

### *Driver for D1 series cameras*

Check this box to install the drivers for the D1 series.

### *Nikon Capture 4*

Check this box to install Nikon Capture 4.

## Before installation

Before installing Nikon Capture 4 and the device drivers, make sure the camera is not connected to the computer. If the Device Wizard is displayed, click **Cancel** to exit the Wizard.

## Step 2: Complete installation

To begin installation of the selected software, click the **Install** button in the Custom Install tab. If more than one option is selected, the software will be installed in the order listed.



### 2.1 — Install drivers

If you selected **Nikon Mass Storage Camera Drivers** (Windows 98 SE only) or **Driver for D1 series cameras**, installation will begin with the selected drivers. The explanation that follows takes the driver for D1-series camera as an example.

#### 2.1.1 — Begin driver installation

If you selected **Driver for D1 series cameras**, the following dialog will be displayed. Click **OK** to begin installation.



#### 2.1.2 — End driver installation

When installation is complete, the following dialog will be displayed. Click **OK** to proceed to the next step.

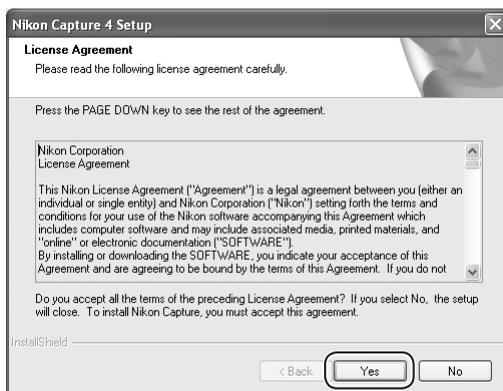


## 2.2—Install Nikon Capture 4

Installation of Nikon Capture 4 begins with the license agreement.

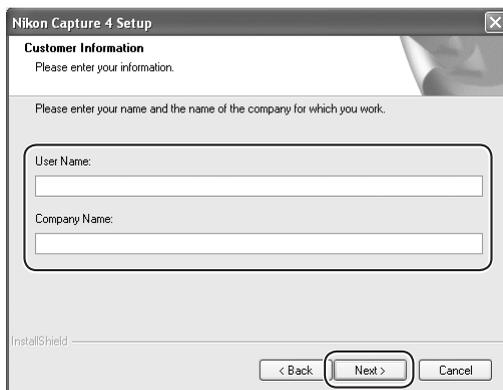
### 2.2.1—Accept the license agreement

After making sure that you have read and understood the contents of the agreement, click **Yes** to continue installation.



### 2.2.2—Personalize your copy of Nikon Capture 4

Enter your name and company (if applicable) to activate the **Next** button. Clicking **Next** will display a confirmation dialog; if the information you entered is correct, click **Yes** to proceed to the next step.

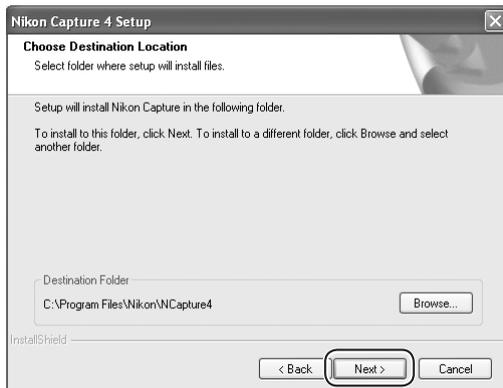


### Earlier Versions of Nikon Capture

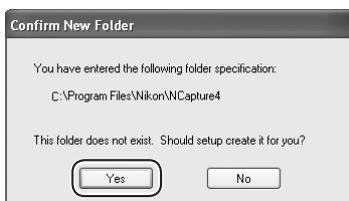
Before you can install Nikon Capture 4, you must uninstall any earlier versions of Nikon Capture.

### 2.2.3—Choose a location

The folder to which Nikon Capture 4 will be installed is shown in the **Destination Folder** area (the default location is ...Program Files\Nikon\NCapture4). To install to this folder, click **Next**. To select a new folder, click the **Browse...** button and navigate to the desired location.

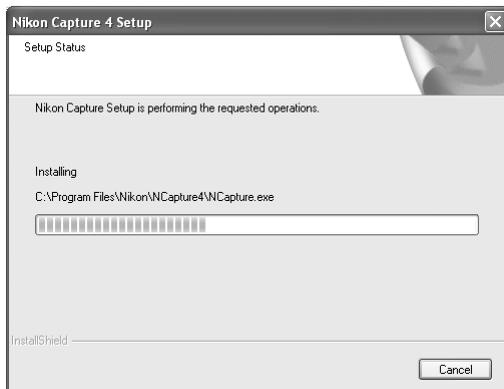


If the chosen folder does not already exist, clicking **Next** will display the following dialog. Click **Yes** to create a folder in the location shown.



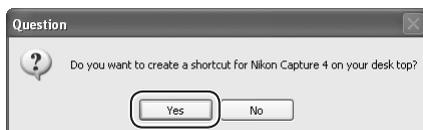
## 2.2.4—Start installation

While installation is in progress, the dialog shown below will be displayed.



## 2.2.5—Create a shortcut on the desktop

When the progress indicator reaches 100%, the dialog shown below will appear. Click **Yes** to create a shortcut, allowing you to start Nikon Capture 4 directly from an icon on the desktop. If you do not want to create a shortcut, click **No**.



### **Associating File Extensions with Nikon Capture 4**

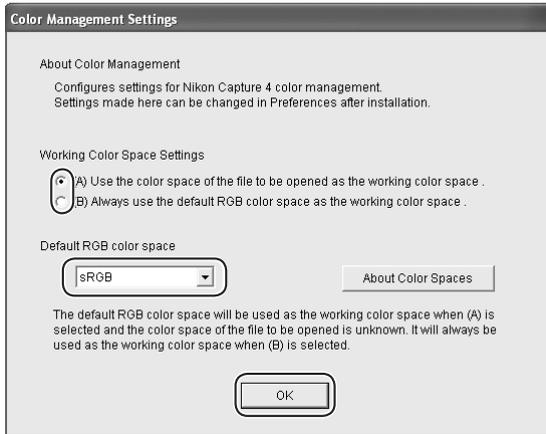
If Nikon Scan or other software that uses the same file extensions as Nikon Capture is installed, a dialog will be displayed asking whether you would like to associate Nikon Capture 4 with the extensions for color balance settings (\*.nca), tone curves (\*.ncv), and other image adjustment settings files. To associate Nikon Capture 4 with these extensions (recommended), click **Yes**.

### **Choosing an Application for Opening Image Files**

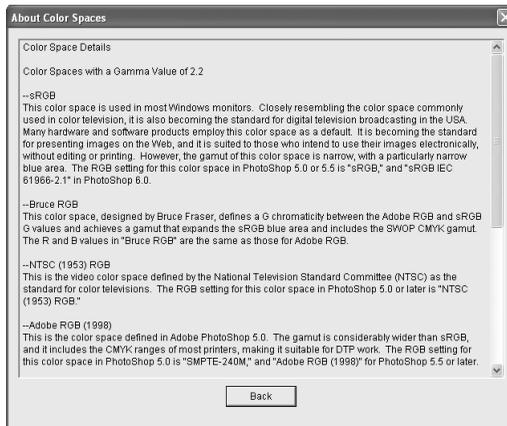
If Adobe Photoshop is installed on your system, a dialog will be displayed asking if you want to use Photoshop to open image files saved in Nikon Capture 4. Click **Yes** to select Photoshop as the application that will be used to open image files.

### 2.2.6—Choose default color management settings

To use the color-space profile embedded in images opened in Nikon Capture 4, choose **(A) Use the color space of the file to be opened as the working color space**. To choose a default RGB color-space profile for the working color space in Nikon Capture 4, choose **(B) Always use the default RGB color space as the working color space**. When this option is selected, you can choose the default color-space profile from a pull-down menu. Click **OK** to put changes into effect and proceed to the next step.



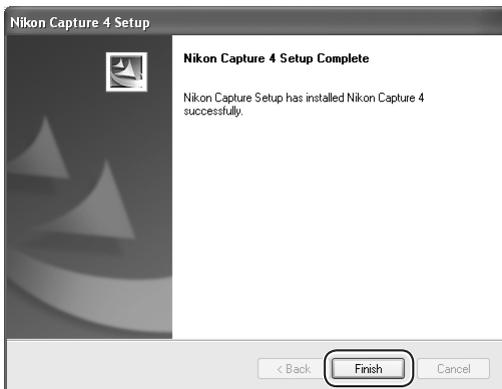
Clicking **About Color Spaces** displays a description of the different color-space profiles. Use this explanation to help you choose a color-space profile.



The default output color-space profile can be changed at any time after installation in the Color Management tab of the Nikon Capture 4 Editor or Nikon Capture 4 Camera Control Preferences dialog.

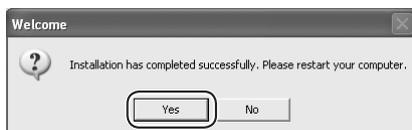
### 2.2.7—Complete installation of Nikon Capture 4

The following dialog is displayed when installation of Nikon Capture 4 is complete. Click **Finish** to proceed to the next step.



### 2.3 — Complete installation

The dialog shown below will appear when installation is complete. Click **Yes** to restart your computer.

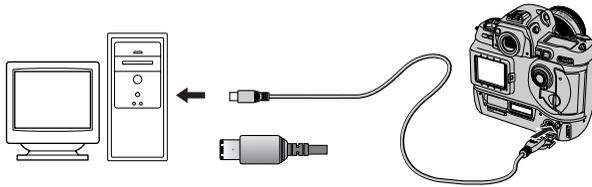


## Connecting to a Computer

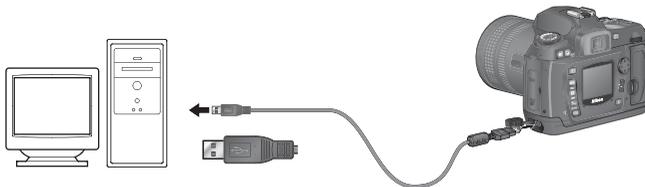
If you are using a computer running Windows, make sure that you install Nikon Capture 4 before connecting your camera to the computer for the first time. After installing Nikon Capture 4, turn the camera on and connect it to the computer, or insert the memory card into a card reader or a PC card slot.

For more information about connecting your camera to a computer, see the documentation provided with your camera.

### *D1-Series (IEEE 1394 Interface)*



### *D2-Series/D100/D70s/D70/D50 (USB Interface)*



### **✓ Use a Reliable Power Source**

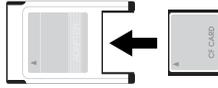
To ensure that data transfer is not interrupted, be sure that the battery is fully charged. If in doubt, charge the battery before use or use an AC adapter (available separately). If the battery is exhausted during transfer, transfer will be interrupted and data may be lost.

### Using a PC Card Slot

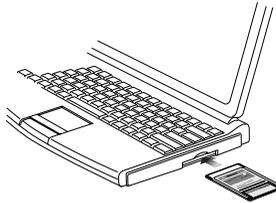
When inserted in a PC-card adapter (available separately), the camera memory card functions as a Type II PCMCIA ATA card, allowing images to be read from the card.

#### *Inserting a Memory Card*

Remove the memory card from the camera and insert it in the adapter.



Insert the adapter into a PCMCIA TYPE II ATA card slot on your computer. For more information on inserting the adapter, see the documentation provided with your computer.



Depending on your computer's operating environment, you may need to install software, register the card adapter, or adjust OS settings when the adapter is inserted into the card slot. For more information, refer to the instruction manual for your operating system.

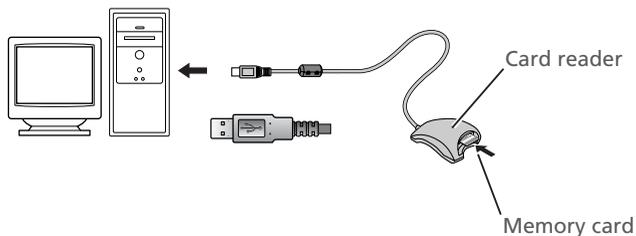
### Using a Card Reader

Images on the memory card can also be viewed using a card reader.

#### *Inserting a Memory Card*

After removing the memory card from the camera, insert it in the card reader and connect the reader to the computer. See the documentation provided with the card reader for more information on connecting it to a computer.

#### *Card reader (USB interface)*



# Uninstall

## Uninstalling Nikon Capture 4

This section describes how to uninstall the Windows versions of Nikon Capture 4.

### Uninstalling Nikon Capture 4

**1** From the **Start** menu, select **All Programs > Nikon Capture 4 > Nikon Capture 4 Uninstall** (Windows XP) or **Programs > Nikon Capture 4 > Nikon Capture 4 Uninstall** (other versions of Windows). The uninstall program will start.

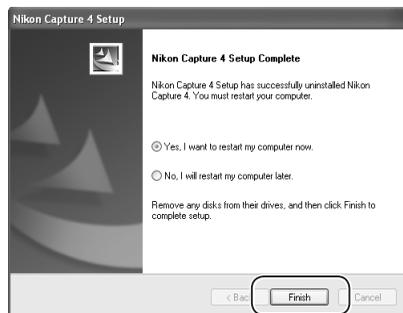


**2** The uninstall program will display the message, "Do you want to completely remove the selected application and all of its components?" Click **OK** to uninstall Nikon Capture 4.



**3** If any of the components used by Nikon Capture 4 are read-only or are used by other programs, a confirmation dialog will be displayed. Follow the instructions in the dialog to remove components or leave them untouched.

**4** The dialog shown below will be displayed when the uninstall program has finished removing Nikon Capture 4 from your system. Confirm that **Yes, I want to restart my computer now** is selected and click **Finish** to restart your computer.



### Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional

Uninstalling Nikon Capture 4 under a multi-user operating system requires Administrator privileges. When uninstalling Nikon Capture 4, log in as:

<b>Windows XP Home Edition/Professional</b>	Computer administrator
<b>Windows 2000 Professional</b>	Administrators

## Device Registration

If you connect a supported digital camera to a Windows computer after installing Nikon Capture 4 and restarting the computer, Windows will automatically identify the camera as a new device and register the camera with the system. This section explains how to confirm that the camera is correctly registered. Read the section for your camera and operating system.

Camera	Operating system	
D2 series/D100/D70s/D70/D50/COOLPIX Series Cameras (USB cameras)	Windows XP Home Edition /Professional	25
	Windows 2000 Professional	27
	Windows Millennium Edition (Me)	29
	Windows 98 Second Edition (SE)	31
D1-Series Cameras (Nikon D1/Nikon D1x/Nikon D1h)	Windows XP Home Edition /Professional	38
	Windows 2000 Professional	42
	Windows Millennium Edition (Me)	53
	Windows 98 Second Edition (SE)	60
Nikon D1 previously registered under Nikon View DX or Nikon Capture 2 or earlier	Windows 2000 Professional	48
	Windows Millennium Edition (Me)	57
	Windows 98 Second Edition (SE)	65

## D2-Series/D100/D70s/D70/D50/COOLPIX-Series Cameras

### Windows XP Home Edition/Professional

The following explanation uses D100 as an example.

After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using a USB cable and turn the camera on. The camera will be registered automatically.



If the Removable Disk dialog is displayed after registration, click **Cancel** to close the dialog box.

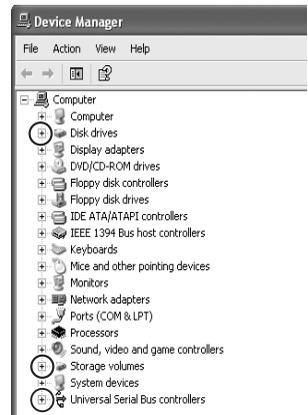
Follow the instructions below to check that the camera has been correctly registered with the system.

#### Step 1

Select **Control Panel** from the **Start** menu. In the Control Panel window, click the **Performance and Maintenance** icon to open the Performance and Maintenance window. Click the **System** icon in the Performance and Maintenance window to open the System Properties window. Select the **Hardware** tab and click the **Device Manager** button.

#### Step 2

The Device Manager will be displayed. After confirming that **Disk drives**, **Storage volumes**, and **Universal Serial Bus controllers** are listed in the Device Manager, click the plus sign (+) next to each of these device types.



#### Logging On

You will need to log on as Computer Administrator to register the camera.

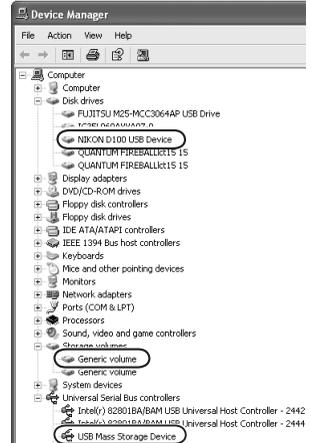
#### Before Connecting the Camera

Be sure to install Nikon Capture 4 before connecting your camera to the computer.

### Step 3

Confirm that **NIKON D100 USB Device, Generic Volume,** and **USB Mass Storage Device** are listed respectively under **Disk drives, Storage volumes,** and **Universal Serial Bus controllers**. Double-click each of these listings to open the associated **Properties** window.

If the **NIKON D100 USB Device** is listed under **Other devices**, delete this entry and then turn the camera off and then on again.



### Step 4

The Properties dialogs for the selected devices will be displayed. Click the **General** tab and confirm that **This device is working properly** appears under **Device status**. Click **OK**.



Device registration is now complete. Click **OK** to close the System Properties dialog.



If the **USB** option in the camera setup menu is set to **PTP**, confirm that the camera is listed in the Control Panel under **Printers and Other Hardware > Scanners and Cameras**.

## Windows 2000 Professional

The following explanation uses D100 as an example.

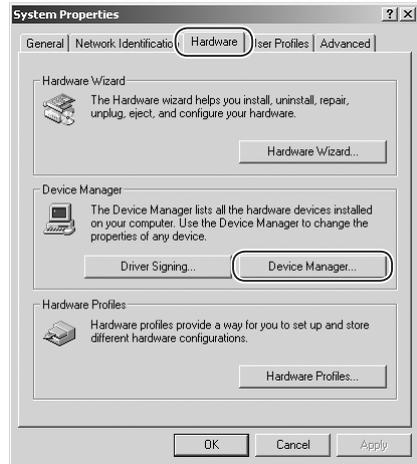
After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using a USB cable and turn the camera on. The camera will be registered automatically.



Follow the instructions below to check that the camera has been correctly registered with the system.

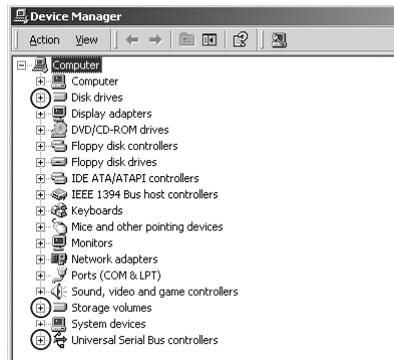
### Step 1

Right-click the **My Computer** icon on the desktop. Open the System Properties dialog by selecting **Properties** from the menu that appears. Open the Hardware tab and click the **Device Manager...** button in the Device Manager area.



### Step 2

The Device Manager will be displayed. After confirming that **Disk drives**, **Storage volumes**, and **Universal Serial Bus controllers** are listed in the Device Manager, click the plus sign (+) next to each of these device types.



### Logging On

Log on as Administrators to register the camera.

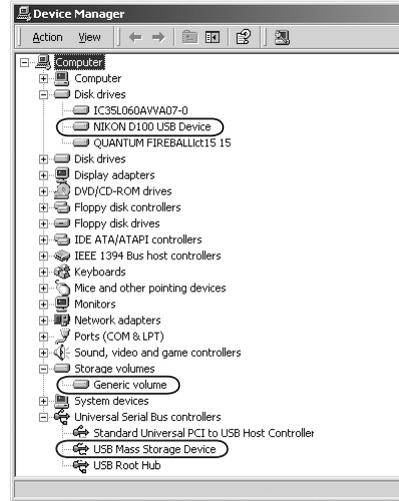
### Before Connecting the Camera

Be sure to install Nikon Capture 4 before connecting your camera to the computer.

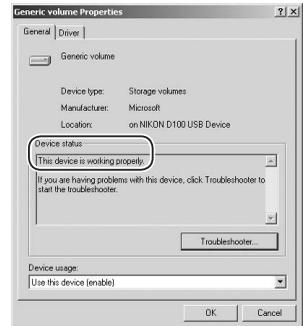
**Step 3**

Confirm that **NIKON D100 USB Device**, **Generic volume**, and **USB Mass Storage Device** are listed respectively under **Disk drives**, **Storage volumes**, and **Universal Serial Bus controllers**. Double-click each of these listings to open the associated Properties window.

If the **NIKON D100 USB Device** is listed under **Other devices**, delete this entry and then turn the camera off and then on again.

**Step 4**

The Properties dialogs for the selected devices will be displayed. Click the **General** tab and confirm that **This device is working properly** appears under **Device status**. Click **OK**.



Device registration is now complete. Click **OK** to close the System Properties dialog.

**PTP**

If the **USB** option in the camera setup menu is set to **PTP**, confirm that the camera is listed in the **Scanners and Cameras Control Panel**. The camera may be listed by name or as a **Nikon DSLR camera**.

## Windows Millennium Edition (Me)

The following explanation uses D100 as an example.

After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using a USB cable and turn the camera on. The camera will be registered automatically.



Follow the instructions below to check that the camera has been correctly registered with the system.

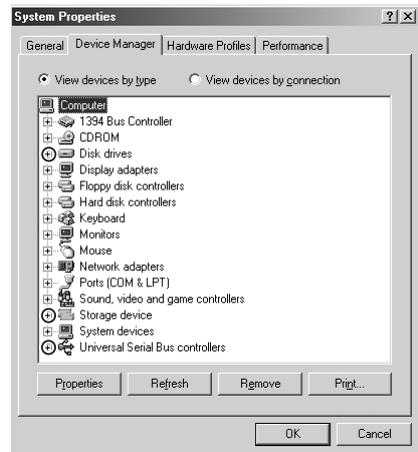
### Step 1

Right-click the **My Computer** icon on the desktop. Open the System Properties dialog by selecting **Properties** from the menu that appears. Click the Device Manager tab.



### Step 2

After confirming that **Disk drives**, **Storage device**, and **Universal Serial Bus controllers** are listed in the Device Manager tab, click the plus sign (+) next to each of these device types.

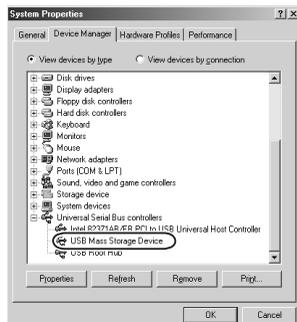
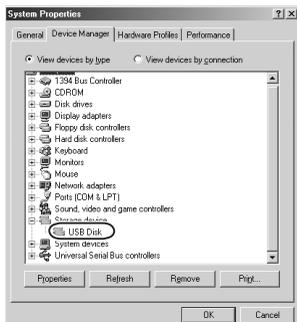
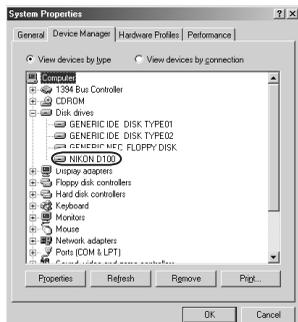


## Before Connecting the Camera

Be sure to install Nikon Capture 4 before connecting your camera to the computer.

### Step 3

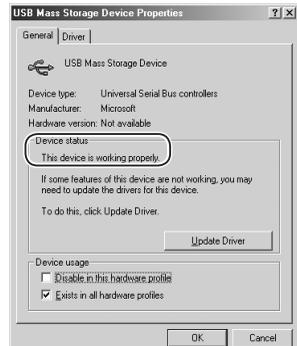
Confirm that **NIKON D100**, **USB Disk**, and **USB Mass Storage Device** are listed respectively under **Disk drives**, **Storage device**, and **Universal Serial Bus controllers**. Double-click each of these listings to display the associated Properties window.



If the **NIKON D100** is listed under **Other devices**, delete this entry and then turn the camera off and then on again.

### Step 4

The Properties dialogs for the selected devices will be displayed. Click the **General** tab and confirm that **This device is working properly** appears under **Device status**. Click **OK**.



Device registration is now complete. Click **OK** to close the System Properties dialog.



If the **USB** option in the camera setup menu is set to **PTP**, confirm that the camera is listed in the **Scanners and Cameras** Control Panel. The camera may be listed by name or as a **Nikon DSLR camera**.

## Windows 98 Second Edition (SE)

The following explanation uses D100 as an example.

After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using a USB cable and turn the camera on. The camera will be registered automatically.



Follow the instructions below to check that the camera has been correctly registered with the system.

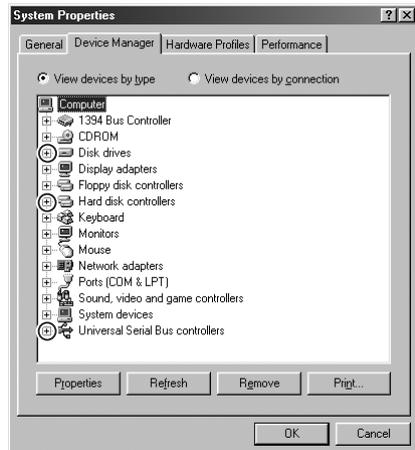
### Step 1

Right-click the **My Computer** icon on the desktop and select **Properties** from the menu that appears. The System Properties dialog will be displayed. Click the Device Manager tab.



### Step 2

After confirming that **Disk drives**, **Hard disk controllers**, and **Universal Serial Bus controllers** are listed in the Device Manager tab, click the plus sign (+) next to each of these device types.

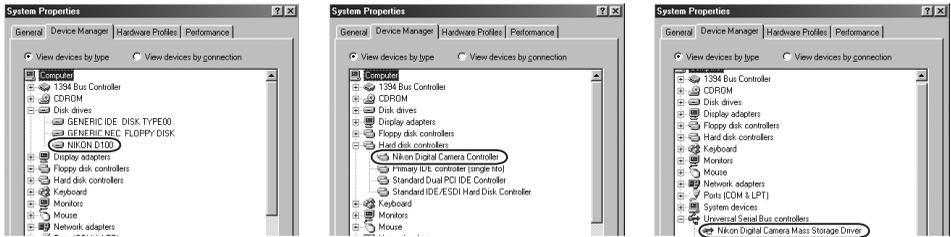


## Before Connecting the Camera

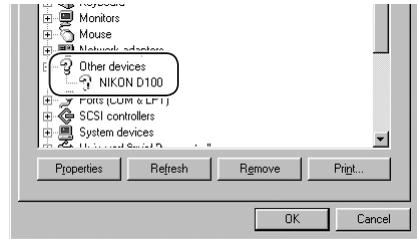
Be sure to install Nikon Capture 4 before connecting your camera to the computer.

### Step 3

Confirm that **NIKON D100**, **Nikon Digital Camera Controller**, and **Nikon Digital Camera Mass Storage Driver** are listed respectively under **Disk drives**, **Hard disk controllers**, and **Universal Serial Bus controllers**. Double-click each of these listings to open the associated Properties window.



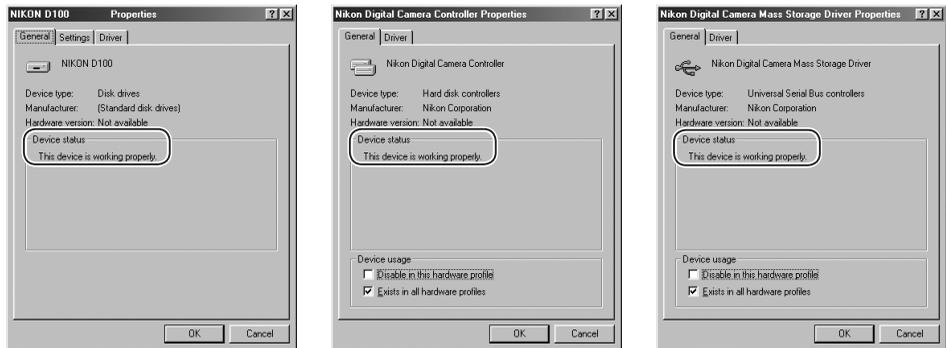
If the **Nikon D100** is listed under **Other devices**, reinstall the device driver as instructed in "Reinstalling the Device Driver" (33).



If the three drivers above are not listed in the **Device Manager** and **NIKON D100** is not listed under **Other devices**, disconnect the camera and restart the computer. When the computer has restarted, reconnect the camera to the computer.

### Step 4

The properties for the selected devices will be displayed. Click the **General** tab and confirm that **This device is working properly** appears under **Device status**. Click **OK**.



Device registration is now complete. Click **OK** to close the System Properties dialog.

### PTP

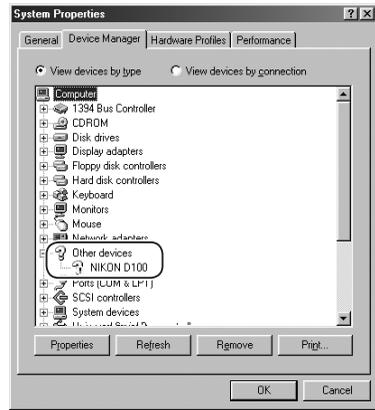
If the **USB** option in the camera setup menu is set to **PTP**, confirm that the camera is listed in the **Scanners and Cameras Control Panel**. The camera may be listed by name or as a **Nikon DSLR camera**.

**Reinstalling the Device Driver—Windows 98 Second Edition (SE)**

If **NIKON D100** is listed under **Other devices**, you will need to reinstall the device driver.

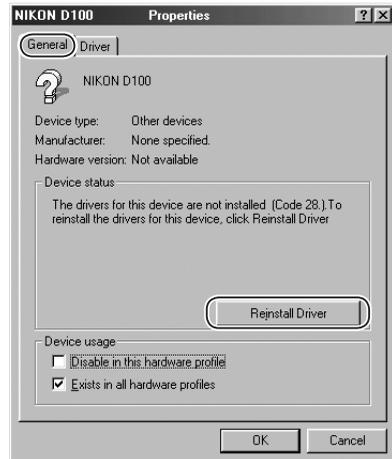
**Step 1**

Double-click the **NIKON D100** listing under **Other devices**.



**Step 2**

The NIKON D100 Properties dialog will be displayed. Open the General tab and click **Reinstall Driver**.



**Step 3**

The Update Device Driver Wizard will be displayed; click **Next**.



**Step 4**

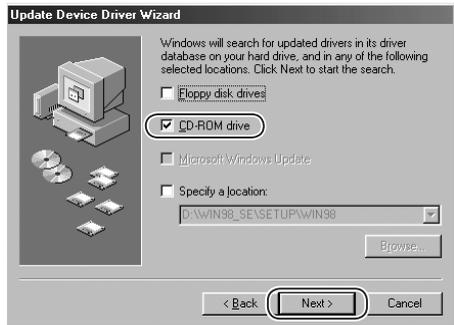
The dialog box shown at right will be displayed. Select **Search for a better driver than the one your device is using now** and click **Next**.

**Step 5**

Insert the Nikon Capture 4 CD into a CD-ROM drive. To prevent the Select Language dialog from opening automatically, hold down the shift key while inserting the CD. Check the **CD-ROM drive** option and click **Next**.

*The Select Language Dialog*

If the Select Language dialog appears when the CD is inserted, click **Quit** to close the dialog.

**Step 6**

The dialog shown at right will be displayed. Click **Next**.

*No Driver Found*

If a message is displayed stating that Windows was unable to find a suitable driver, this may indicate that the Nikon Capture 4 CD was not correctly inserted in the CD-ROM drive or that the appropriate check box was not selected. Click **Back** to return to the dialog shown in Step 5, and confirm that your settings are correct.

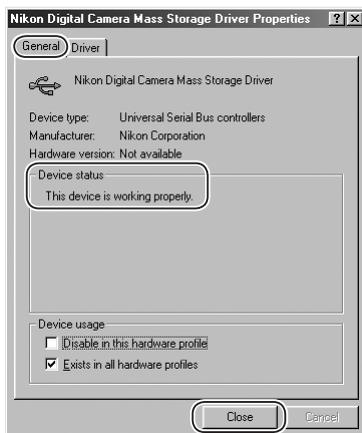


**Step 7**

A dialog will be displayed indicating that driver update was successful. Click **Finish** to close the dialog.

**Step 8**

Click the General tab in the Nikon Digital Camera Mass Storage Driver dialog and confirm that **This device is working properly** appears under **Device status**. Click **Close**.

**Step 9**

The wizard will now start installation of the Nikon Digital Camera Controller with the dialog shown at right. Click **Next**.



**Step 10**

Select **Search for the best driver for your device** and click **Next**.

**Step 11**

After confirming that the Nikon Capture 4 CD is inserted in the CD-ROM drive, check the **CD-ROM drive** option and click **Next**.

**Step 12**

A dialog will be displayed stating that Windows has found the drivers for "Nikon Digital Camera Controller"; click **Next**.

*No Driver Found*

If a message is displayed stating that Windows was unable to find a suitable driver, this may indicate that the Nikon Capture 4 CD was not correctly inserted in the CD-ROM drive or that the appropriate check box was not selected. Click **Back** to return to the dialog shown in Step 11, and confirm that your settings are correct.



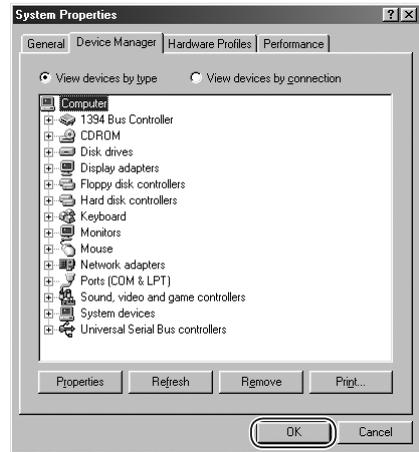
### Step 13

A dialog will be displayed indicating that driver update was successful. Click **Finish** to close the dialog.



### Step 14

Click **OK** to close the System Properties dialog.



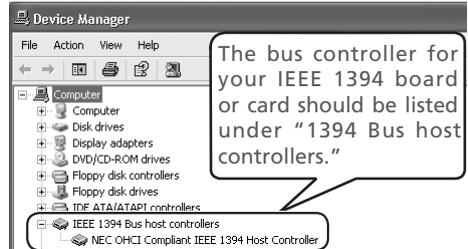
## D1-Series Cameras

### Windows XP Home Edition/Professional

#### Before You Begin

Confirm that your OHCI-compliant IEEE 1394 interface board or card has been correctly registered with the system.

Select **Control Panel** from the **Start** menu. In the Control Panel window, click the **Performance and Maintenance** icon to open the Performance and Maintenance window. Click the **System** icon in the Performance and Maintenance window to open the System Properties window. Select the **Hardware** tab and click the **Device Manager** button to open Device Manager window shown at right.



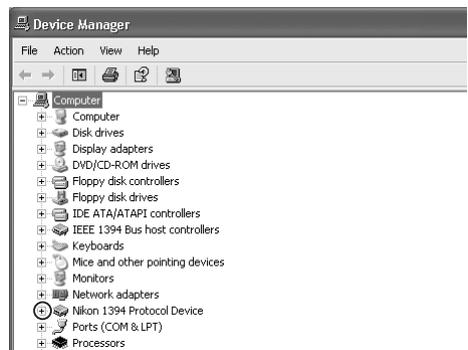
If “IEEE 1394 Bus host controllers” is not listed in the **Device Manager**, or if your IEEE 1394 interface board or card is listed as an unknown or miscellaneous device or is preceded by a red or yellow warning icon, follow the instructions in the manual provided with the board to ensure that the drivers are properly installed.

After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using an IEEE 1394 cable and turn the camera on. The camera will be registered automatically.

Follow the instructions below to check that the camera has been correctly registered with the system.

#### Step 1

Select **Control Panel** from the **Start** menu to open the Control Panel window. Click the **Performance and Maintenance** icon inside the Control Panel window to open the Performance and Maintenance window. Click the **System** icon inside the Performance and Maintenance window to open the System Properties window. Select the **Hardware** tab and click the **Device Manager** button to open Device Manager window. After confirming that “Nikon 1394 Protocol Device” is listed in the Device Manager, click the “+” sign to its left.



#### Logging On

You will need to log on as the “Computer Administrator” to register your camera.

#### Before Connecting the Camera

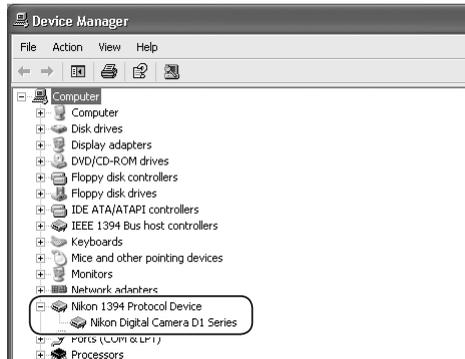
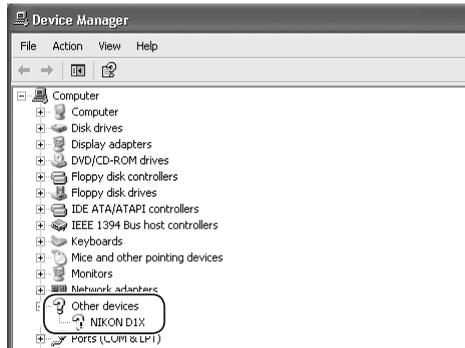
Be sure to install Nikon Capture 4 before connecting your camera to the computer.

If no “Nikon 1394 Protocol Device” listing appears or if “NIKON D1X” (or “D1” or “D1H”) is listed under **Other Devices**, reinstall the device driver as instructed in “Reinstalling the Device Driver” (40).

If “Nikon 1394 Protocol Device” is not listed in the Device Manager and “NIKON D1X” (or “D1” or “D1H”) is not listed under **Other Devices**, disconnect the camera, and restart the computer. When the computer has restarted, reconnect the camera.

### Step 2

After confirming that “Nikon Digital Camera D1 Series” is listed under “Nikon 1394 Protocol Device,” double-click the listing to open the Properties window.



### Step 3

The Nikon Digital Camera D1 Series Properties dialog will be displayed. Click the General tab and confirm that “This device is working properly” appears under “Device status”. Click **OK**.



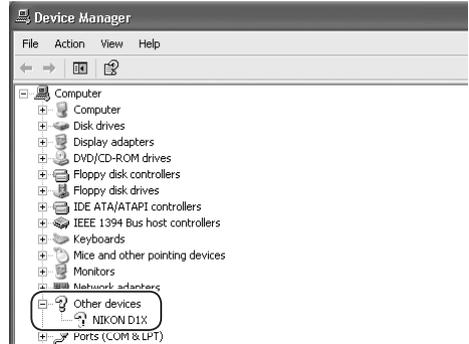
Close the Device Manager, then click **OK** to close the System Properties window. Device registration is now complete.

### Reinstalling the Device Driver—Windows XP Home Edition /Professional

If “NIKON D1X” (or “D1” or “D1H”) appears under “Other Devices,” reinstall the device driver as instructed below.

#### Step 1

Open the Device Manager dialog. Double-click the listing for the Nikon D1X (or D1 or D1H) that appears under “Other devices.” The Properties dialog will be displayed.



#### Step 2

Open the General tab and click **Reinstall Driver...**



#### Step 3

The “Hardware Update Wizard” dialog will appear. Holding down the shift key to prevent the Select Language dialog from opening automatically, insert the Nikon Capture 4 CD into the CD-ROM drive. (If the shift key is not held down, the Select Language dialog will appear when the CD-ROM is inserted.) Select **Install the software automatically** and click **Next**.

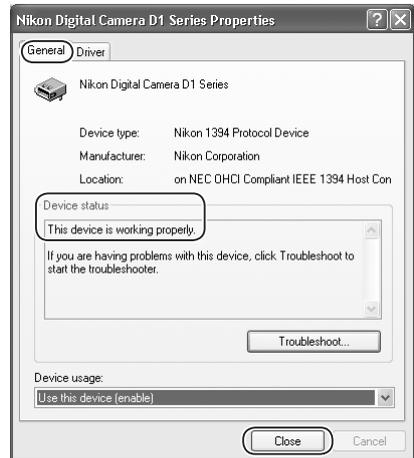


**Step 4**

When the driver installation has been completed, the dialog shown at right will be displayed; click **Finish** to close the wizard.

**Step 5**

Confirm that “This device is working properly” appears under “Device status” in the General Tab of the Nikon Digital Camera D1 Series Properties dialog. Click **Close**.

**Step 6**

Close the Device Manager, then click **OK** to close the System Properties window.

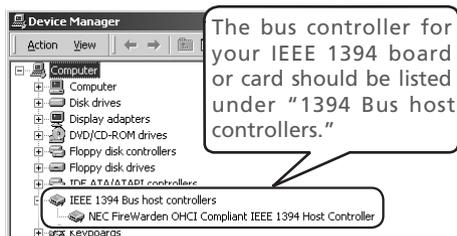


## Windows 2000 Professional

### Before You Begin

Confirm that your OHCI-compliant IEEE 1394 interface board or card has been correctly registered with the system.

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears to display the System Properties dialog. Open the Hardware tab and click the **Device Manager...** button in the Device Manager section.



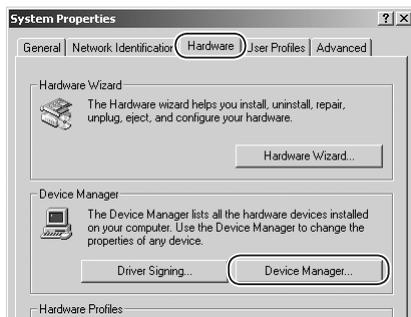
If "1394 Bus host controllers" does not appear in the Device Manager, or if your IEEE 1394 interface board or card is listed as an unknown or miscellaneous device or is preceded by a red or yellow warning icon, follow the instructions in the manual provided with the board to ensure that the drivers are properly installed.

After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using an IEEE 1394 cable and turn on the camera. The camera is registered automatically.

Follow the instructions below to check that the camera has been correctly registered with the system.

### Step 1

Once registration is complete, check that the D1X (or D1 or D1H) has been correctly registered with the system. Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears to display the System Properties dialog. Open the Hardware tab and click the **Device Manager...** button in the Device Manager section.



### Logging On

You will need to log on as "Administrators" to register the D1, D1X, or D1H.

### Before Connecting the Camera

Be sure to install Nikon Capture 4 before connecting your camera to the computer.

### Updating the Drivers for the D1

If you are already using the D1 with Nikon View DX or an earlier version of Nikon Capture, you will need to update the camera drivers as described under "Updating the Drivers for the D1" ( 48).

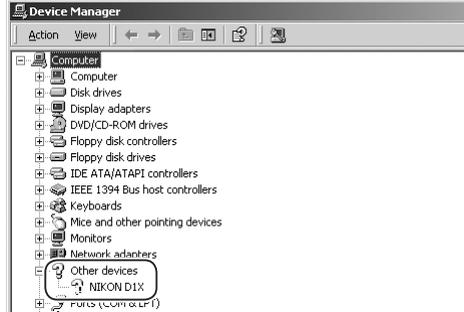
### Step 2

The Device Manager will be displayed. After confirming that “Nikon 1394 Protocol Device” is listed in the Device Manager, click the “+” sign to its left.



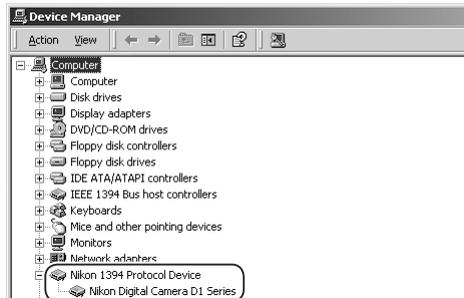
If no “Nikon 1394 Protocol Device” listing appears or if “NIKON D1X” (or “D1” or “D1H”) is listed under **Other Devices**, reinstall the device driver as instructed in “Reinstalling the Device Driver” (44).

If “Nikon 1394 Protocol Device” is not listed in the Device Manager and “NIKON D1X” (or “D1” or “D1H”) is not listed under **Other Devices**, disconnect the camera, and restart the computer. When the computer has restarted, reconnect the camera.



### Step 3

After confirming that “Nikon Digital Camera D1 Series” is listed under “Nikon 1394 Protocol Device,” double-click the listing to open the Properties window.



**Step 4**

The Nikon Digital Camera D1 Series Properties dialog will be displayed. Click the General tab and confirm that “This device is working properly” appears under “Device status”. Click **OK**.



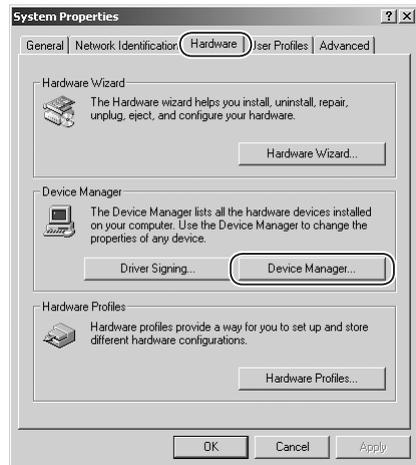
Close the Device Manager, then click **OK** to close the System Properties window. Device registration is now complete.

**Reinstalling the Device Driver—Windows 2000 Professional**

If “Nikon 1394 Protocol Device” is listed under “Other Devices,” reinstall the device driver as described below.

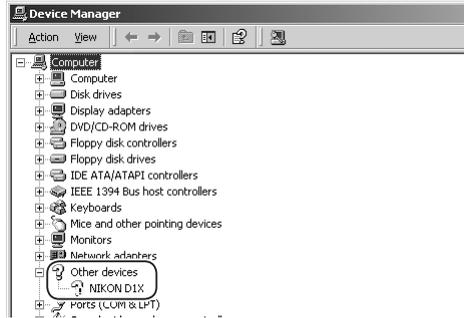
**Step 1**

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears to display the System Properties dialog. Open the Hardware tab and click the **Device Manager...** button in the Device Manager section.

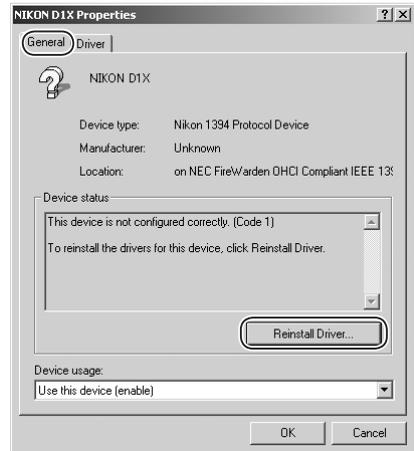


**Step 2**

The Device Manager will be displayed. Double-click the listing for the Nikon D1X (or D1 or D1H) that appears under “Other Devices” or “Miscellaneous Devices.”

**Step 3**

Open the General tab and click **Reinstall Driver...**

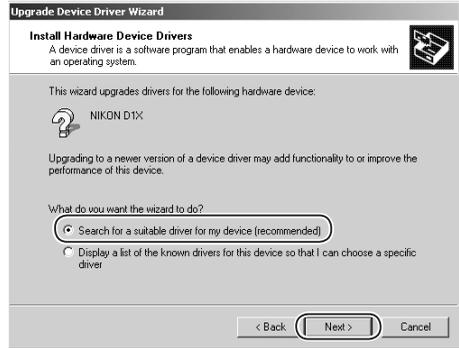
**Step 4**

The Upgrade Device Driver Wizard will be displayed; click **Next**.



## Step 5

Select the search option and click **Next**.

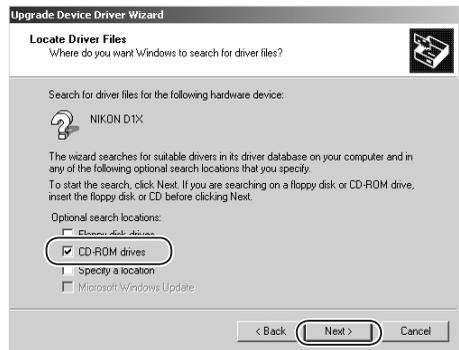


## Step 6

The dialog shown at right will be displayed. Holding down the shift key to prevent the Select Language dialog from opening automatically, insert the Nikon Capture 4 CD into the CD-ROM drive. Select **CD-ROM drives** and click **Next**.

### *The Select Language Dialog*

If the Select Language dialog appears when the CD is inserted, click the **Quit** button to close the dialog.



## Step 7

The dialog shown at right will be displayed; click **Next**.

### *No Driver Found*

If the message, "Windows was unable to find a suitable driver for this device," is displayed, this may indicate that the Nikon Capture 4 CD was not correctly inserted in the CD-ROM drive or that the correct search location was not specified. Click **Back** to return to the dialog shown in Step 6, where you can confirm that the correct location has been specified.

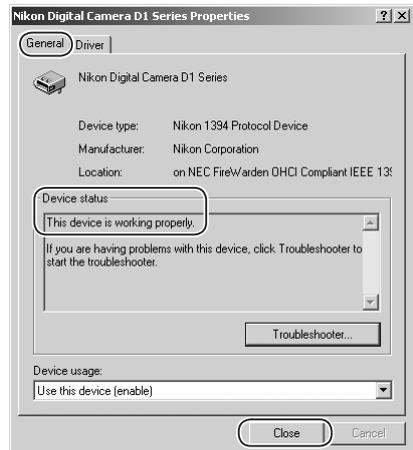


**Step 8**

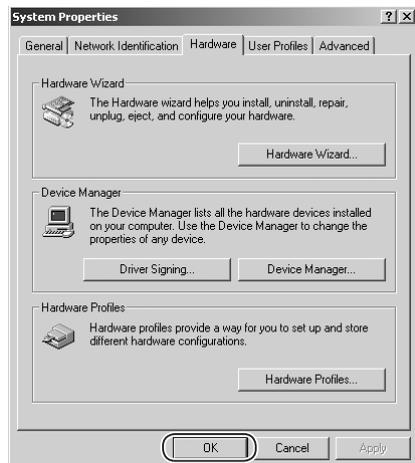
The dialog shown at right will be displayed; click

**Step 9**

Confirm that “This device is working properly” appears under “Device status” in the General Tab of the Nikon Digital Camera D1 Series Properties dialog. Click **Close**.

**Step 10**

Close the Device Manager, then click **OK** to close the System Properties window.

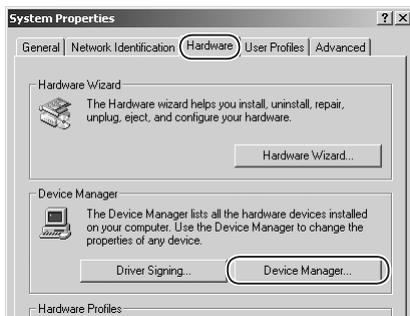


## Updating the Drivers for the D1 — Windows 2000 Professional

If you are already using the D1 with Nikon View DX or Nikon Capture, you will need to update the camera driver.

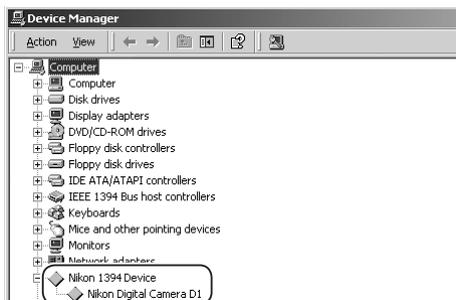
### Step 1

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears to display the System Properties dialog. Open the Hardware tab and click the **Device Manager...** button in the Device Manager section.



### Step 2

The Device Manager will be displayed. Under the entry "Nikon 1394 Device," double-click "Nikon Digital Camera D1."



### Step 3

The Nikon Digital Camera D1 Properties dialog will be displayed. Open the Driver tab and click **Update Driver...**



## Logging On

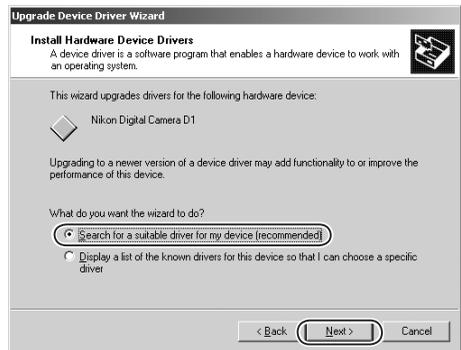
You will need to log on as "Administrators" to update the device drivers.

**Step 4**

The Upgrade Device Driver Wizard will be displayed; click **Next**.

**Step 5**

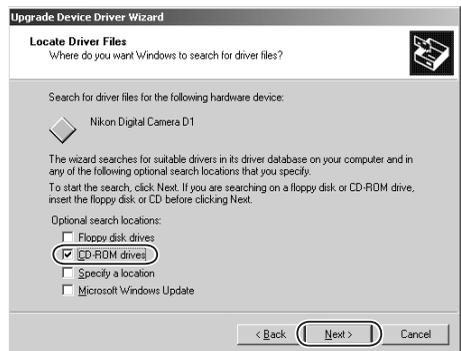
The dialog shown at right will be displayed. Select the search option and click **Next**.

**Step 6**

The dialog shown at right will be displayed. Holding down the shift key to prevent the Select Language dialog from opening automatically, insert the Nikon Capture 4 CD into the CD-ROM drive. Select **CD-ROM drives** and click **Next**.

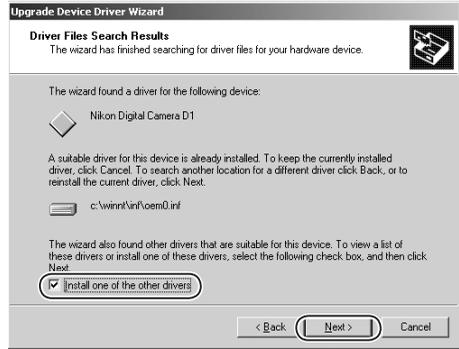
*The Select Language Dialog*

If the Select Language dialog appears when the CD is inserted, click the **Quit** button to close the dialog.



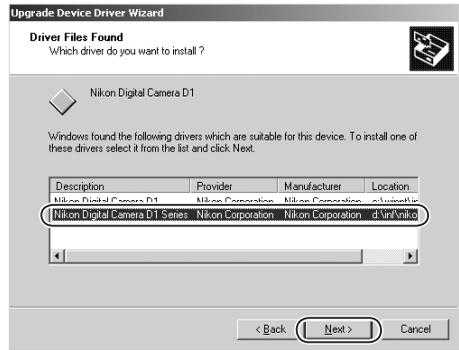
**Step 7**

The dialog shown at right will be displayed. Select “Install one of the other drivers” and click **Next**.



**Step 8**

Select Nikon Digital Camera D1 Series from the dialog at right and click **Next**.



**Step 9**

The dialog shown at right will be displayed; click **Finish**.

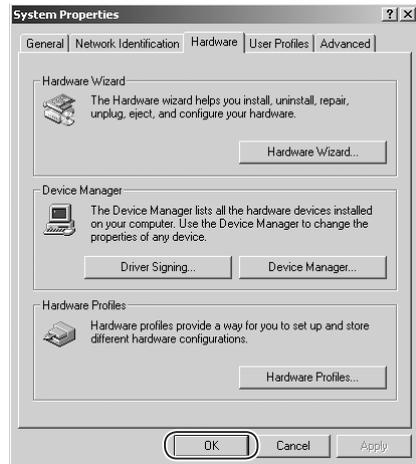


**Step 10**

Confirm that “This device is working properly” appears under “Device status” in the General Tab of the Nikon Digital Camera D1 Series Properties dialog. Click **Close**.

**Step 11**

Close the Device Manager, then click **OK** to close the System Properties window.



### *Troubleshooting*

- If “1394 Bus host Controller” is not displayed in the Device Manager, if the IEEE 1394 board or card is listed under “Other Devices” or “Miscellaneous Devices,” or if the listing for the IEEE 1394 board or card is preceded by a red or yellow warning icon...

...the computer does not recognize the IEEE 1394 board or card. Refer to the documentation provided with your computer or IEEE 1394 board or card for information on registering the board or card with the system.

- If “1394 Bus host Controller” is listed in the Device Manager but the entry for the Nikon D1 (or D1X or D1H) does not appear...

...check the following:

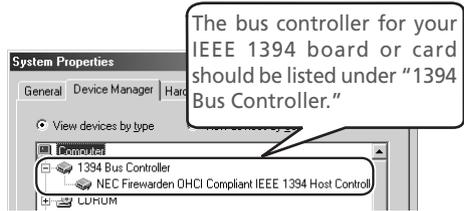
- Is the camera on?
- Is the battery fully charged? If you are using an AC adapter (available separately), is it properly connected?
- Is the mode dial set to “PC”?
- Is the IEEE 1394 cable properly connected?

## Windows Millennium Edition (Me)

### *Before You Begin*

Confirm that the OHCI-compliant IEEE 1394 interface board has been correctly registered with the system.

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



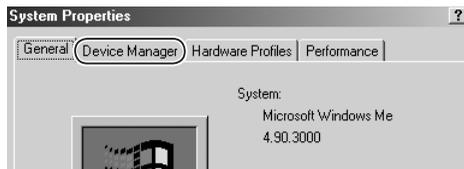
If “1394 Bus Controller” is not listed in the Device Manager, or if your IEEE 1394 interface board or card is listed as an unknown or miscellaneous device or is preceded by red or yellow warning icons, follow the instructions in the manual provided with the board to ensure that the drivers are properly installed.

After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using an IEEE 1394 cable and turn on the camera. The camera will be registered automatically.

Follow the instructions below to check that the camera has been correctly registered with the system.

### *Step 1*

Once registration is complete, check that the D1X (or D1 or D1H) has been correctly registered with the system. Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



### **Before Connecting the Camera**

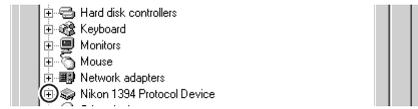
Be sure to install Nikon Capture 4 before connecting your camera to the computer.

### **Updating the Drivers for the D1**

If you are already using the D1 with Nikon View DX or Nikon Capture, you will need to update the camera drivers as described in “Updating the Drivers for the D1” ( 57).

**Step 2**

The Device Manager sheet will be displayed. After confirming that “Nikon 1394 Protocol Device” is listed in the Device Manager, click the “+” sign to its left.



If no “Nikon 1394 Protocol Device” listing appears or if “NIKON D1X” (or “D1” or “D1H”) is listed under **Other Devices**, reinstall the device driver as instructed in “Reinstalling the Device Driver” (55).



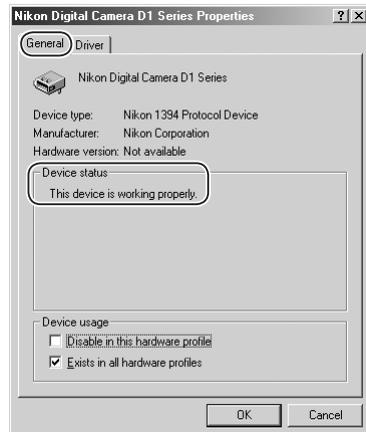
If “Nikon 1394 Protocol Device” is not listed in the Device Manager and “NIKON D1X” (or “D1” or “D1H”) is not listed under **Other Devices**, disconnect the camera, and restart the computer. When the computer has restarted, reconnect the camera to the computer.

**Step 3**

After confirming that “Nikon Digital Camera D1 Series” is listed under “Nikon 1394 Protocol Device,” double click the listing to open the Properties window.

**Step 4**

The Nikon Digital Camera D1 Series Properties dialog will be displayed. Click the General tab and confirm that “This device is working properly” appears under “Device status.” Click **OK**.



Click **OK** to close the System Properties window. Device registration is now complete.

### Reinstalling the Device Driver—Windows Millennium Edition (Me)

If “Nikon 1394 Protocol Device” is listed Other Devices, reinstall the device driver as described below.

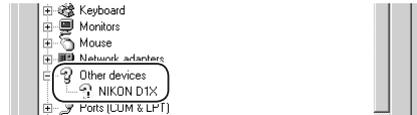
#### Step 1

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



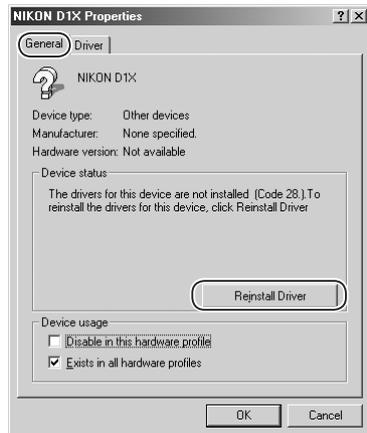
#### Step 2

The Device Manager sheet will be displayed. Double-click the listing for the Nikon D1X (or D1 or D1H) that appears under “Other Devices” or “Miscellaneous Devices.”



#### Step 3

The NIKON D1X (or D1 or D1H) Properties dialog will be displayed. Open the General tab and click **Reinstall Driver...**



#### Step 4

The Update Device Driver Wizard will be displayed. Holding down the shift key to prevent the Select Language dialog from opening automatically, insert the Nikon Capture 4 CD into the CD-ROM drive. Confirm that “Automatic search for a better driver (Recommended)” is selected and click **Next**. The wizard will automatically update the device drivers.



### The Select Language Dialog

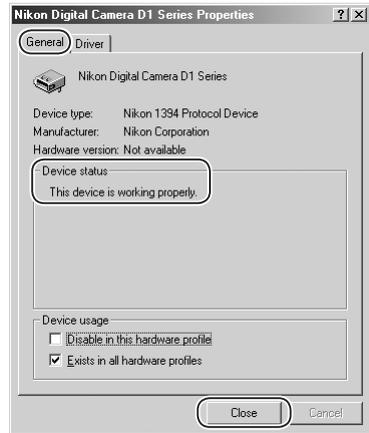
If the Select Language dialog appears when the CD is inserted, click the **Quit** button to close the dialog.

**Step 5**

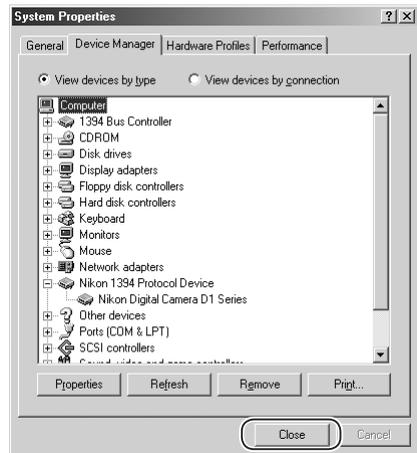
The dialog shown at right will be displayed; click **Finish**.

**Step 6**

Confirm that "This device is working properly" appears under "Device status" in the General Tab of the Nikon Digital Camera D1 Series Properties dialog. Click **Close**.

**Step 7**

Click **Close** to close the System Properties window.



### Updating the Drivers for the D1 — Windows Millennium Edition (Me)

If you are already using the D1 with Nikon View DX or Nikon Capture, you will need to update the camera driver.

#### Step 1

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



#### Step 2

The Device Manager sheet will be displayed. Under the entry "Nikon 1394 Device," double-click "Nikon Digital Camera D1."



#### Step 3

The Nikon Digital Camera D1 Series Properties dialog will be displayed. Open the Driver tab and click **Update Driver...**



#### Step 4

The Update Device Driver Wizard will be displayed. Holding down the shift key to prevent the Select Language dialog from opening automatically, insert the Nikon Capture 4 CD into the CD-ROM drive, select "Automatic Search for a Better Driver (Recommended)," and click **Next**. The wizard will automatically update the device drivers.

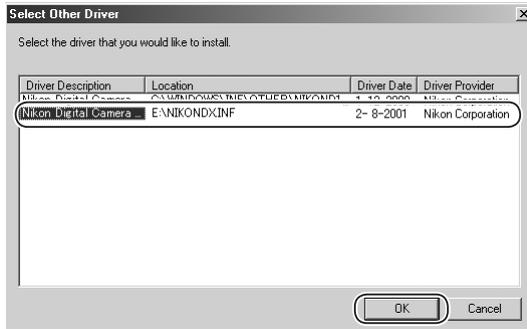
#### *The Select Language Dialog*

If the Select Language dialog appears when the CD is inserted, click the **Quit** button to close the dialog.



**Step 5**

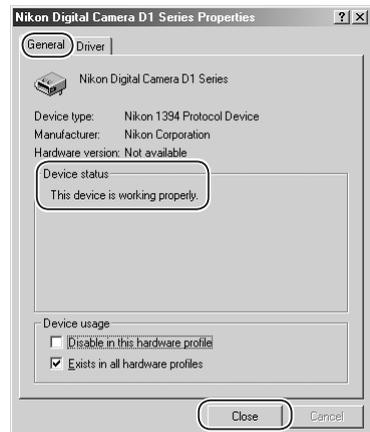
The dialog shown below will be displayed. Select the driver located at “(Drive letter for CD-ROM drive):\” and click **OK**.

**Step 6**

The dialog shown at right will be displayed; click **Finish**.

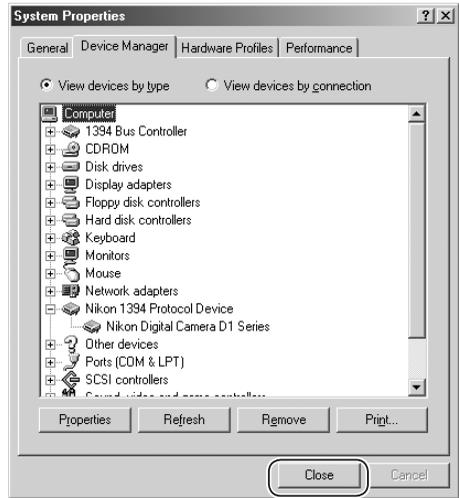
**Step 7**

Confirm that “This device is working properly” appears under “Device status” in the General Tab of the Nikon Digital Camera D1 Series Properties dialog. Click **Close**.



**Step 8**

Click **Close** to close the System Properties window.

**Troubleshooting**

- If "1394 Bus Controller" is not displayed in the Device Manager, if the IEEE 1394 board or card is listed under "Other Devices" or "Miscellaneous Devices," or if the listing for the IEEE 1394 board or card is preceded by a red or yellow warning icon...

...the computer does not recognize the IEEE 1394 board or card. Refer to the documentation provided with your computer or IEEE 1394 board or card for information on registering the board or card with the system.

- If "1394 Bus Controller" is listed in the Device Manager but the entry for the Nikon D1X (or D1 or D1H) does not appear...

...check the following:

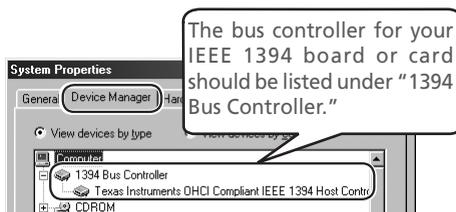
- Is the camera on?
- Is the battery fully charged? If you are using an AC adapter (available separately), is it properly connected?
- Is the mode dial set to "PC"?
- Is the IEEE 1394 cable properly connected?

## Windows 98 Second Edition (SE)

### Before You Begin

Confirm that your OHCI-compliant IEEE 1394 interface board or card has been correctly registered with the system.

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



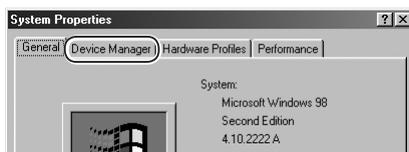
If "1394 Bus Controller" is not listed in the Device Manager, or if your IEEE 1394 interface board or card is listed as an unknown or miscellaneous device or is preceded by a red or yellow warning icon, follow the instructions in the manual provided with the board to ensure that the drivers are properly installed.

After installing Nikon Capture 4 and restarting the computer, connect your camera to the computer using an IEEE 1394 cable and turn on the camera. The camera is registered automatically.

Follow the instructions below to check that the camera has been correctly registered with the system.

### Step 1

Once registration is complete, check that the D1X (or D1 or D1H) has been correctly registered with the system. Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



### Updating the Drivers for the D1

If you are already using the D1 with Nikon View DX or an earlier version of Nikon Capture, you will need to update the camera drivers as described in "Updating the Drivers for the D1" (65).

### Before Connecting the Camera

Be sure to install Nikon Capture 4 before connecting your camera to the computer.

**Step 2**

The Device Manager sheet will be displayed. After confirming that “Nikon 1394 Protocol Device” is listed in the Device Manager, click the “+” sign to its left.



If no “Nikon 1394 Protocol Device” listing appears or if “NIKON D1X” (or “D1” or “D1H”) is listed under **Other Devices**, reinstall the device driver as instructed in “Reinstalling the Device Driver” (62).



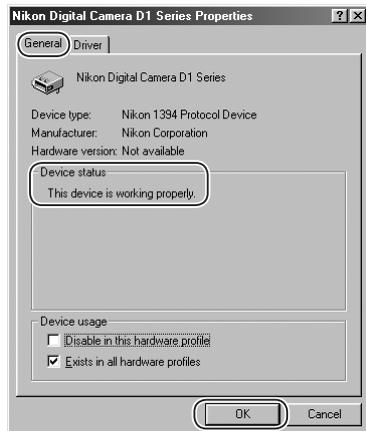
If “Nikon 1394 Protocol Device” is not listed in the Device Manager and “NIKON D1X” (or “D1” or “D1H”) is not listed under **Other Devices**, disconnect the camera, and restart the computer. When the computer has restarted, reconnect the camera to the computer.

**Step 3**

After confirming that “Nikon Digital Camera D1 Series” is listed under “Nikon 1394 Protocol Device,” double click the listing to open the Properties window.

**Step 4**

The Nikon Digital Camera D1 Series Properties dialog will be displayed. Click the General tab and confirm that “This device is working properly” appears under “Device status.” Click **OK**.



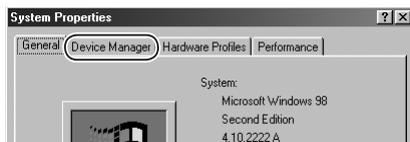
Click **OK** to close the System Properties window. Device registration is now complete.

## Reinstalling the Device Driver—Windows 98 Second Edition (SE)

If “Nikon 1394 Protocol Device” is listed under Other Devices, reinstall the device driver as described below.

### Step 1

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



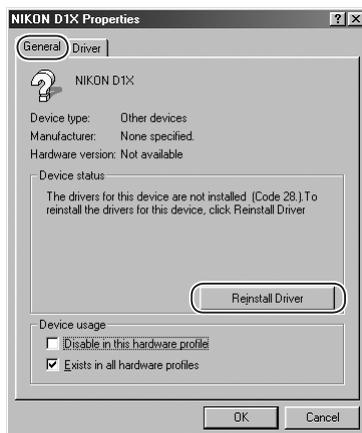
### Step 2

The Device Manager sheet will be displayed. Double-click the listing for the Nikon D1X (or D1 or D1H) that appears under “Other Devices” or “Miscellaneous Devices.”



### Step 3

The NIKON D1X (or D1 or D1H) Properties dialog will be displayed. Open the General tab and click **Reinstall Driver**.



### Step 4

The Update Device Driver Wizard will be displayed; click **Next**.



**Step 5**

The dialog shown at right will be displayed. Select "Search for a better driver than the one your device is using now. (Recommended)" and click **Next**.

**Step 6**

The dialog shown at right will be displayed. Holding down the shift key to prevent the Select Language dialog from opening automatically, insert the Nikon Capture 4 CD into the CD-ROM drive. Select **CD-ROM drive** and click **Next**.

*The Select Language Dialog*

If the Select Language dialog appears when the CD is inserted, click the **Quit** button to close the dialog.

**Step 7**

A dialog will be displayed stating that Windows has found the drivers for "Nikon Digital Camera D1 Series"; click **Next**.

*No Driver Found*

If the message, "Windows was unable to find a suitable driver for this device," is displayed, this may indicate that the Nikon Capture 4 CD was not correctly inserted in the CD-ROM drive or that the correct search location was not specified. Click **Back** to return to the dialog shown in Step 6, where you can confirm that the correct location has been specified.

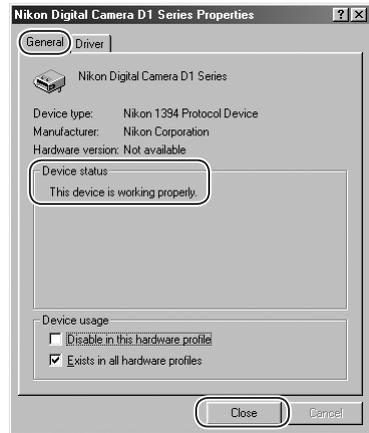


**Step 8**

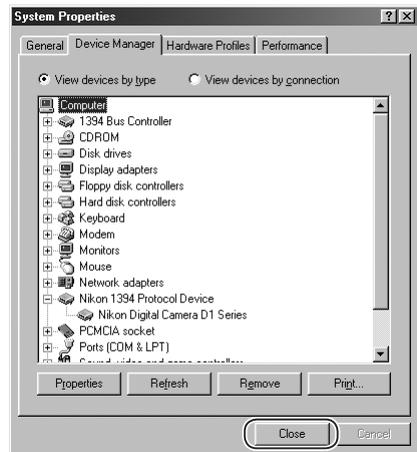
The dialog shown at right will be displayed; click **Finish**.

**Step 9**

Confirm that "This device is working properly" appears under "Device status" in the General Tab of the Nikon Digital Camera D1 Series Properties dialog. Click **Close**.

**Step 10**

Click **Close** to close the System Properties window.



### Updating the Drivers for the D1 — Windows 98 Second Edition (SE)

If you are already using the D1 with Nikon View DX or Nikon Capture, you will need to update the camera driver.

#### Step 1

Click the **My Computer** icon on the desktop with the right mouse button and select **Properties** from the menu that appears. The System Properties dialog will be displayed; click the Device Manager tab.



#### Step 2

The Device Manager sheet will be displayed. Under the entry "Nikon 1394 Device," double-click "Nikon Digital Camera D1."



#### Step 3

The Nikon Digital Camera D1 Series Properties dialog will be displayed. Open the Driver tab and click **Update Driver....**



#### Step 4

The Update Device Driver Wizard will be displayed; click **Next**.



**Step 5**

The dialog shown at right will be displayed. Select "Search for a better driver than the one your device is using now. (Recommended)" and click **Next**.

**Step 6**

The dialog shown at right will be displayed. Holding down the shift key to prevent the Select Language dialog from opening automatically, insert the Nikon Capture 4 CD into the CD-ROM drive. Select **CD-ROM drive** and click **Next**.

*The Select Language Dialog*

If the Select Language dialog appears when the CD is inserted, click the **Quit** button to close the dialog.

**Step 7**

A dialog will be displayed stating that Windows has found the drivers for "Nikon Digital Camera D1 Series." Click **Next**.

*No Driver Found*

If the message, "Windows was unable to find a suitable driver for this device," is displayed, this may indicate that the Nikon Capture 4 CD was not correctly inserted in the CD-ROM drive or that the correct search location was not specified. Click **Back** to return to the dialog shown in Step 6 where you can confirm that the correct location has been specified.



**Step 8**

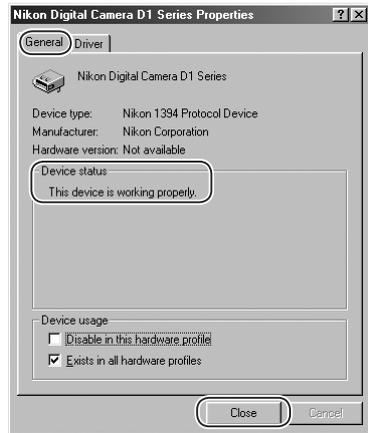
The dialog shown at right will be displayed; click **Finish**.

*Restart*

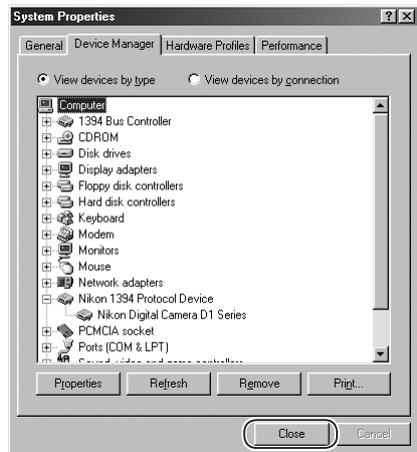
If a message is displayed prompting you to restart Windows, click **Restart**.

**Step 9**

Confirm that “This device is working properly” appears under “Device status” in the General Tab of the Nikon Digital Camera D1 Series Properties dialog. Click **Close**.

**Step 10**

Click **Close** to close the System Properties window.



### *Troubleshooting*

- If "1394 Bus Controller" is not displayed in the Device Manager, if the IEEE 1394 board or card is listed under "Other Devices" or "Miscellaneous Devices," or if the listing for the IEEE 1394 board or card is preceded by a red or yellow warning icon...

...the computer does not recognize the IEEE 1394 board or card. Refer to the documentation provided with your computer or IEEE 1394 board or card for information on registering the board or card with the system.

- If "1394 Bus Controller" is listed in the Device Manager but the entry for the Nikon D1X (or D1 or D1H) does not appear...

...check the following

- Is the camera on?
- Is the battery fully charged? If you are using an AC adapter (available separately), is it properly connected?
- Is the mode dial set to "PC"?
- Is the IEEE 1394 cable properly connected?

# Macintosh

This section explains how to install and uninstall Nikon Capture 4, and how to connect your camera and insert the camera memory card in a card reader or PC card slot.

## Installing Nikon Capture 4 on a Macintosh

Before installing Nikon Capture 4, make sure that your computer meets the following system requirements.

<b>OS</b>	Mac OS 9.0.4–9.2.2*, Mac OS X (version 10.1.5 or later)	
<b>Model</b>	Built-in USB or FireWire port required	
<b>RAM</b>	<ul style="list-style-type: none"> <li>• Mac OS X: 256 MB (768 MB or more recommended)</li> <li>• Mac OS 9: memory allocation of 64 MB or more to Nikon Capture 4 Camera Control, 512 MB or more to Nikon Capture 4 Editor</li> </ul>	
<b>Hard-disk space</b>	200 MB required for installation	
<b>Video resolution</b>	800×600 pixels or more with 16-bit color (High Color/thousands of colors). 24-bit color (True Color/millions of colors) recommended.	
<b>Interface</b>	<b>Fire Wire<sup>†</sup></b>	Built-in FireWire interface required for connection to D1, D1x, and D1H
	<b>USB<sup>**</sup></b>	<ul style="list-style-type: none"> <li>• Built-in USB interface</li> <li>• RATOX REX-PCIU3U USB interface board (USB 2.0; for use only with D2-series under Mac OS X)</li> </ul>
<b>Supported cameras (Camera Control)</b>	D2-series, D1-series, D100 <sup>††</sup> , D70s, D70, and D50	
<b>Other</b>	<ul style="list-style-type: none"> <li>• CD-ROM drive required for installation.</li> <li>• Internet connection required for some options.</li> </ul>	

\* With CarbonLib version 1.6 or later.

† The camera may not function as expected when connected to an FireWire hub.

\*\* The camera may not function as expected when connected to a USB hub or keyboard.

†† Camera firmware version 2.00 or later.

### Before installing Nikon Capture 4

Before installing Nikon Capture 4:

- Uninstall any earlier versions of Nikon Capture.
- Nikon Capture 4 version 4.3 can be used with either PictureProject or the latest version of Nikon View. For information on the latest Nikon software, visit the websites listed on page 2 of the *Nikon Capture 4 User's Manual*.
- Exit all applications, including any virus-checking software that may be running.

### Before Starting Nikon Capture 4 Camera Control (D2-series/D100/D70s/D70/D50 Only)

If you are using a D2-series, D100, D70s, D70 or D50 digital camera, set the USB option in the camera setup menu to PTP before starting Nikon Capture 4 Camera Control.

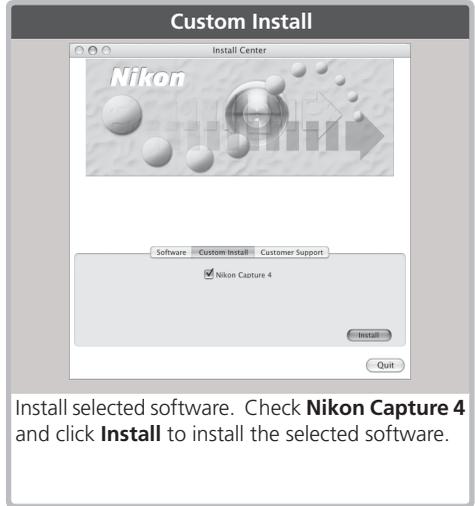
### Mac OS X

The administrator password is required when installing Nikon Capture 4 under Mac OS X.

Start the computer and insert the Nikon Capture 4 installer CD in a CD-ROM drive. Double-click the **Nikon Capture 4** CD-ROM icon on the desktop, then double-click the **Welcome** icon. Depending on the country of purchase, a "Select Region" dialog may be displayed. Select a region and click **Next**. A language-selection dialog will be displayed; select a language and click **Next**. The "Install Center" window will be displayed. The Install Center window contains the following tabs. To interrupt installation and close the Install Center window, click **Quit**.



Click **Install** to install Nikon Capture 4.



Install selected software. Check **Nikon Capture 4** and click **Install** to install the selected software.



### Customer Support

Click the appropriate button to open your web browser to the Nikon Customer Support web site for your area (Internet connection required).

### Display README file

Click **Display README file** to view the ReadMe file. We recommend that you view the ReadMe file before installing Nikon Capture 4.

## Installing Software

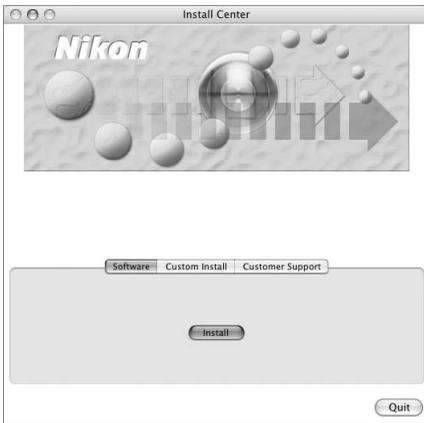
If you are installing software from the Software tab, you can begin installation simply by clicking the **Install** button. If you are installing software from the Custom Install tab, you have to go through two steps: selecting the software and installing the software.

### Step 1: Select software

Select the programs you want to install from the list in the Custom Install tab.

#### *Nikon Capture 4*

Check this option to install Nikon Capture 4.



Software tab



Custom Install tab

### Step 2: Install software

To begin installation, click **Install**. If more than one item is selected in the Custom Install tab, software will be installed in the order listed.

### Product Key

If prompted to supply a product key when starting Nikon Capture 4 Editor or Nikon Capture 4 Camera Control, enter the product key supplied on the Nikon Capture 4 CD case.

## 2.1—Install Nikon Capture 4

If you opted to install Nikon Capture 4, it will be installed first.

### 2.1.1—Start the installer

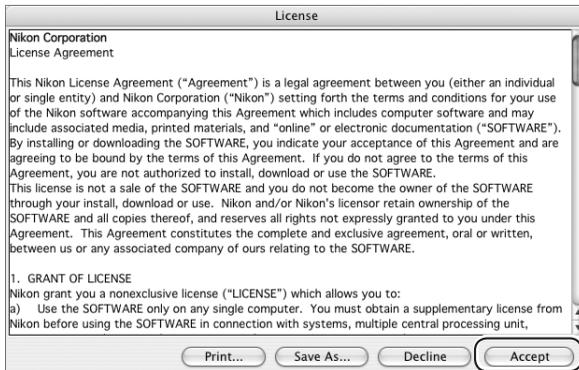
Installation of Nikon Capture 4 opens with the dialog shown below.



Click **Continue...** to start the installer.

### 2.1.2—Accept the license agreement

The license agreement will be displayed. After making sure that you have read and understood the contents of the agreement, click **Accept** to continue installation.



The ReadMe file will then be displayed. Take a few moments to view this file, which may contain important information that could not be included in the manual.

After viewing the ReadMe file, click **Continue...**

## Installing Nikon Capture 4 under Mac OS X

The administrator password is required when installing Nikon Capture 4 under Mac OS X.



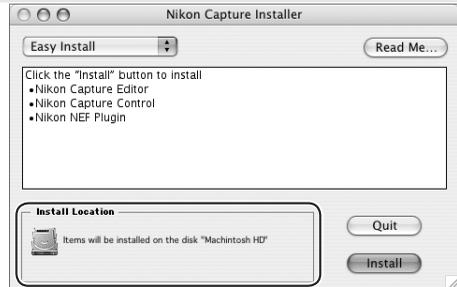
### 2.1.3—Choose Easy Install

Choose **Easy Install** from the pull-down menu in the top left corner of the Nikon Capture Installer dialog.



### 2.1.4—Confirm the install destination

The disk and folder to which Nikon Capture 4 will be installed are listed under “Install Location.”



### 2.1.5—Start the installer

Click **Install** in the Nikon Capture Installer dialog to begin installation of Nikon Capture 4. A progress meter will be displayed during installation.



### Earlier Versions of Nikon Capture

Before you can install Nikon Capture 4, you must uninstall any earlier versions of Nikon Capture.

### Create Aliases (Mac OS 9 Only)

After you click Install in the Nikon Capture Installer dialog, a dialog will be displayed asking whether you wish to create aliases for Nikon Capture 4 Editor and Nikon Capture 4 Camera Control on the desktop. Click **Yes** to create these aliases, or **No** to exit without creating aliases.



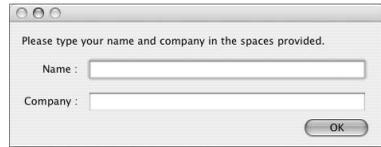
### 2.1.6— Selecting a Plug-ins Folder (Mac OS 9)

If multiple copies of Photoshop are installed, a selection dialog will be displayed. Choose a destination for the Nikon NEF plug-in from the listed copies of Photoshop and click **Continue**.

### 2.1.7— Personalize your copy of Nikon Capture 4

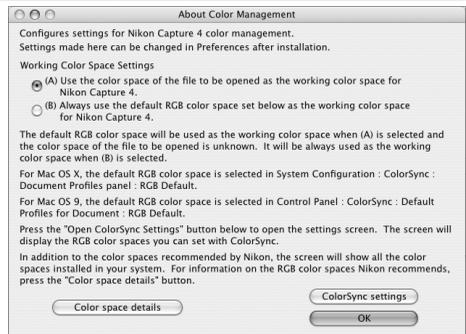
Enter your name and company (if applicable) to personalize your copy of Nikon Capture 4.

Clicking **OK** will display a confirmation dialog; if the information you entered is correct, click **Yes** to proceed to the next step. To change the information you entered, click **No**.

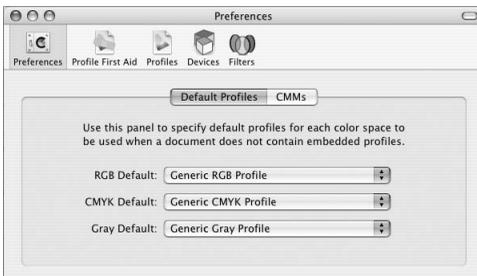


### 2.1.8— Choose default color management settings

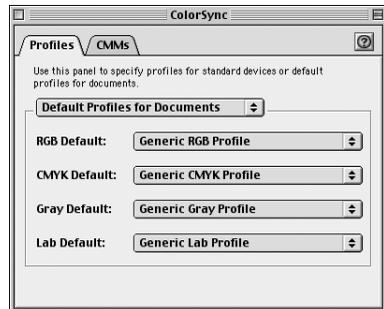
To use the color-space profile embedded in images opened in Nikon Capture 4, choose **(A) Use the color space of the file to be opened as the working color space for Nikon Capture 4**. To choose a default RGB color-space profile for the working color space in Nikon Capture 4, choose **(B) Always use the default RGB color space set below as the working color space for Nikon Capture 4**. Click **OK** to put changes into effect and proceed to the next step.



When **(B) Always use the default RGB color space set below as the working color space for Nikon Capture 4** is selected, the **ColorSync settings** button will be active. Click this button to display the ColorSync dialog. After opening the Default Profiles tab (Mac OS X) or opening the Profiles tab and selecting **Default Profiles for Documents** (Mac OS 9), choose the default working RGB color space from the **RGB Default** menu.

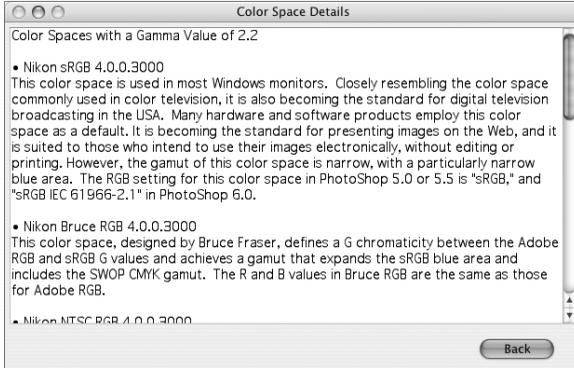


Mac OS X



Mac OS 9

Clicking **Color space details** displays a description of the different color-space profiles. Use this explanation to help you choose a color-space profile.



The default output color-space profile can be changed at any time after installation in the Color Management tab of the Nikon Capture 4 Editor or Nikon Capture 4 Camera Control Preferences dialog.

### 2.1.9—Complete installation of Nikon Capture 4

The following dialog is displayed when installation of Nikon Capture 4 is complete. Click **Quit** to proceed to the next step.



### Add to Dock (Mac OS X)

The dialog shown at right will be displayed when Nikon Capture 4 Editor and Nikon Capture 4 Camera Control are installed. Click **Yes** to add these components to the Dock, or **No** to exit without adding these components to the Dock.



## 2.2—Restart the computer

Click **Restart** to restart the computer.

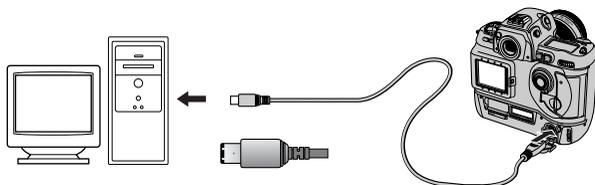


## Connecting to a Computer

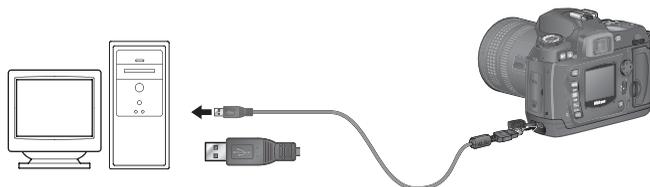
Before connecting your camera to a Macintosh computer for the first time, make sure that you install Nikon Capture 4. After installing Nikon Capture 4, turn the camera on and connect it to the computer, or insert the memory card into a card reader or a PC card slot.

For more information about connecting your camera to a computer, see the documentation provided with your camera.

### *D1-Series (Firewire Interface)*



### *D2-Series (D100/D70s/D70/D50) (USB Interface)*



#### **✔ Use a Reliable Power Source**

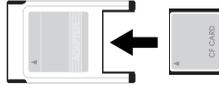
To ensure that data transfer is not interrupted, be sure that the battery is fully charged. If in doubt, charge the battery before use or use an AC adapter (available separately). If the battery is exhausted during transfer, transfer will be interrupted and data may be lost.

### Using a PC Card Slot

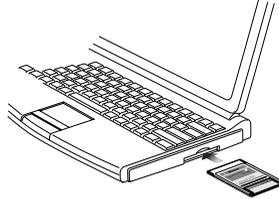
When inserted in a PC-card adapter (available separately), the camera memory card functions as a Type II PCMCIA ATA card, allowing images to be read from the card.

#### *Inserting a Memory Card*

Remove the memory card from the camera and insert it in the adapter.



Insert the adapter into a PCMCIA TYPE II ATA card slot on your computer. For more information on inserting the adapter, see the documentation provided with your computer.



Depending on your computer's operating environment, you may need to install software, register the card adapter, or adjust OS settings when the adapter is inserted into the card slot. For more information, refer to the instruction manual for your operating system.

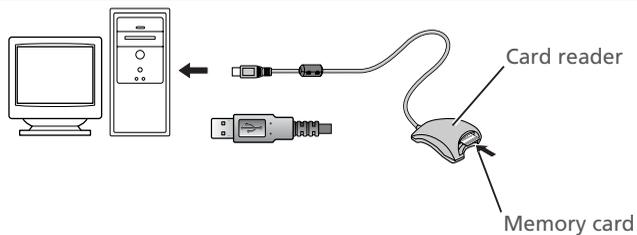
### Using a Card Reader

Images on the memory card can also be viewed using a card reader.

#### *Inserting a Memory Card*

After removing the memory card from the camera, insert it in the card reader and connect the reader to the computer. See the documentation provided with the card reader for more information on connecting it to a computer.

#### *Card reader (USB interface)*



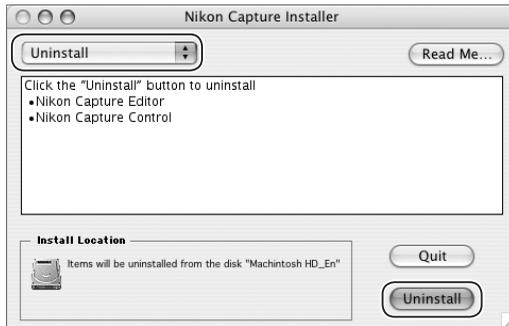
# Uninstall

## Uninstalling Nikon Capture 4

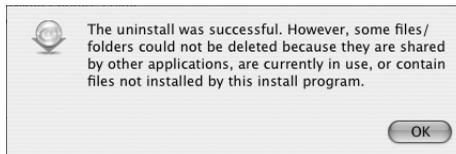
This section describes how to uninstall the Macintosh versions of Nikon Capture 4.

### Uninstalling Nikon Capture 4

- 1 Insert the Nikon Capture 4 CD into a CD-ROM drive and start the Nikon Capture 4 installer as described on pages 72–73 of “Installing Nikon Capture 4 on a Macintosh.”
- 2 Select **Uninstall** from the menu at the top left corner of the Nikon Capture Installer dialog.



- 3 Click the **Uninstall** button at the bottom right corner of the Nikon Capture Installer dialog.
- 4 Once Nikon Capture 4 has been removed from your system, the dialog shown below will be displayed. Click **OK**.



# ***Nikon***

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**NIKON CORPORATION**

Fuji Bldg., 2-3 Marunouchi 3-chome,  
Chiyoda-ku Tokyo 100-8331 Japan

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