

EUT:Video Capture Card

FCC ID:NRPCPC848

3Cam Technology, Inc..

USER'S MANUAL

## **FEDERAL COMMUNICATIONS COMMISSION**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **NOTE**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient o relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cables (except CCD cable, AV-Video cable) must be used in order to comply with emission limits.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

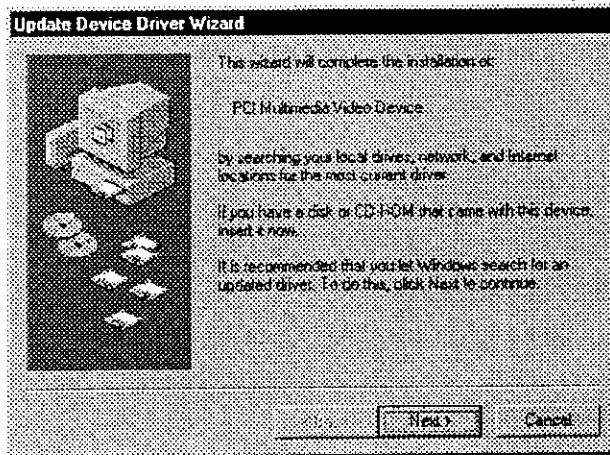
## System Requirements

- Pentium 133 or higher
- System memory 32MB or higher
- PCI interface (PCI 2.1 compliance)
- Windows 95 or later version
- VGA display in 32K, 64K, or 16.7M color mode with hardware assisted video playback acceleration and DirectDraw 5.0 supported
- Sound card and speakers required for audio support

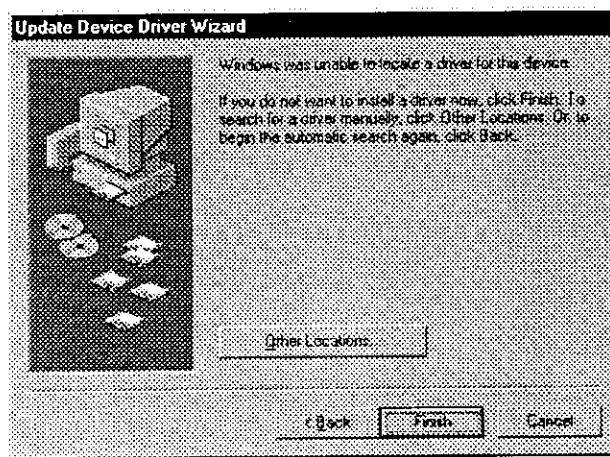
## Hardware Installation

To install the PC Video Camera, please follow the instructions below:

1. Unplug the power cord from the back of your computer.
2. Remove the cover from the PC system.
3. Locate a free 8/16-bit PCI expansion slot.
4. Remove the slot cover screw and slot cover.
5. Take the capture card out of its protection cover and hold the card by its edges.
6. Position the card over the free PCI expansion slot and gently push the card into the slot.
7. Check carefully if the card has been inserted properly into the PCI slot (check if the connecting points of the card reach their respective connecting points of the PCI slot).
8. Re-insert the slot cover screw.
9. Close the PC housing.
10. Re-attach the power cable to your PC system.
11. Connect the red power cable to the POWER connector and the yellow video cable to the Video-IN connector on the capture card.
12. Power on your system.

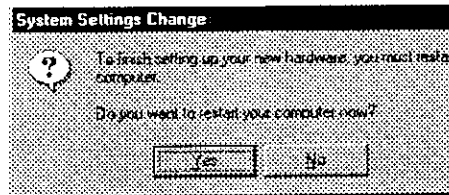


2. Click on the *Other Location* icon.



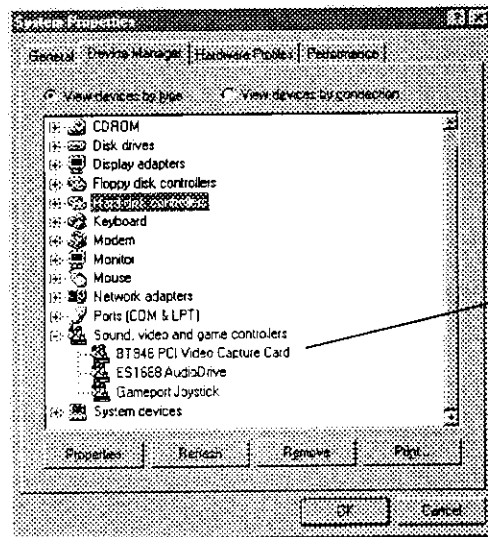
3. Insert your driver disk or CD and click on the *Browse* icon to specify the path where the driver is and press *OK*.

7. After the driver software is installed successfully, click on *Yes* to restart your computer for the driver to take effect.



## Verifying the Completion of Installation

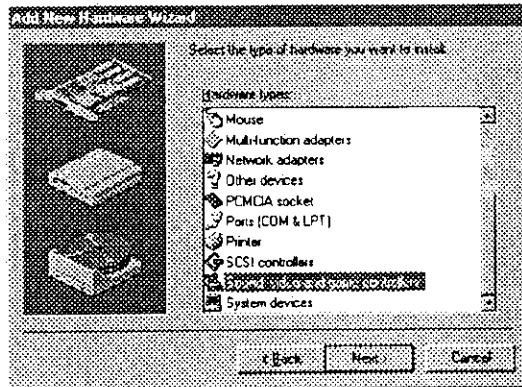
To ensure that the capture card is installed properly and the driver installation is completed, go to *My Computer – Control Panel – System*. Check in the Device Manager tab from the System Properties dialog box.



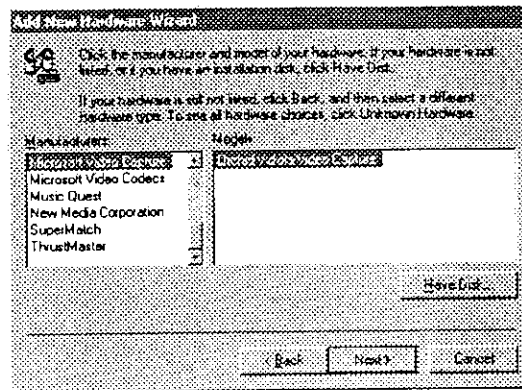
Check that the BT848 capture card is listed in the Device Manager.

If you see the 'BT848 PCI Video Capture Card' is listed in the device manager, you have installed the card successfully. If you don't see this or if you see an exclamation mark in the 'BT848 PCI Video Capture Card' line, we suggest you reinstall the device. Follow the instructions in the next section to install again.

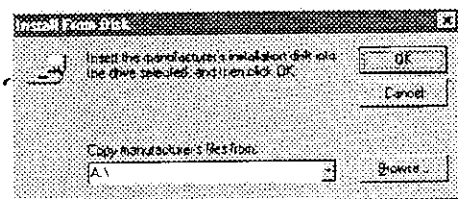
4. Select the 'Sound, video and game controllers' and click on *Next*.



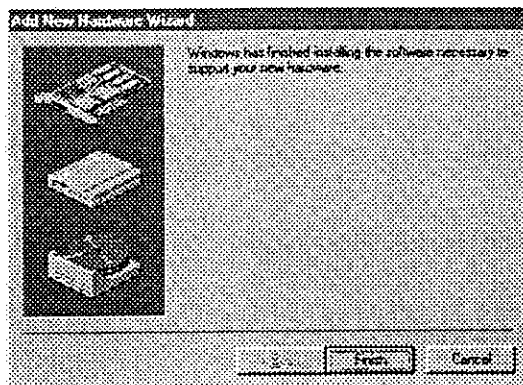
5. Click on *Have Disk*.



6. The Install From Disk dialog box pops up. Click on Browse icon to search for the path of the device driver.



9. Click on Finish. The program is now successfully installed.



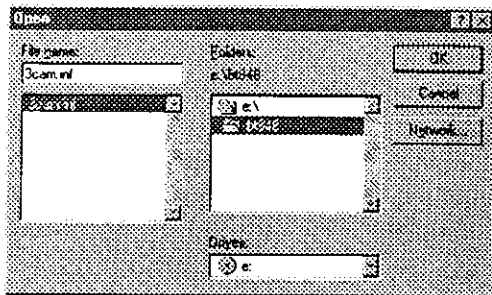
If your capture card still doesn't work properly, there might be a hardware conflict in IRQ. You should check the user's manual of your motherboard for details.

## Features

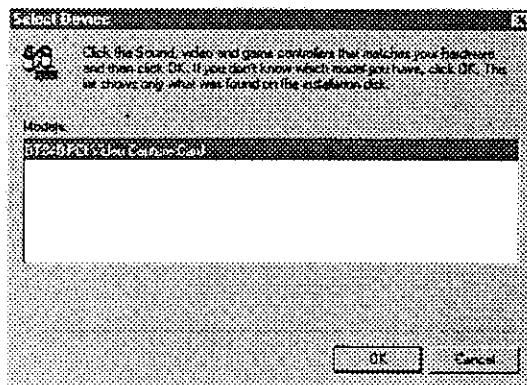
- . Fully PCI Rev. 2.1 compliant.
- . Zero wait state PCI burst writes
- . Supports image resolutions up to 768x576 ( full PAL resolution ).
- . Image size scalable down to icon using vertical & horizontal interpolation filtering.
- . Supports NTSC/PAL/SECAM analog input.
- . 2 composite and 1 S-video inputs.
- . With 5Vdc or 12Vdc DC-jack output.



7. Either you install from the CD or diskette, specify the path of the file 3cam.inf and click *OK*.



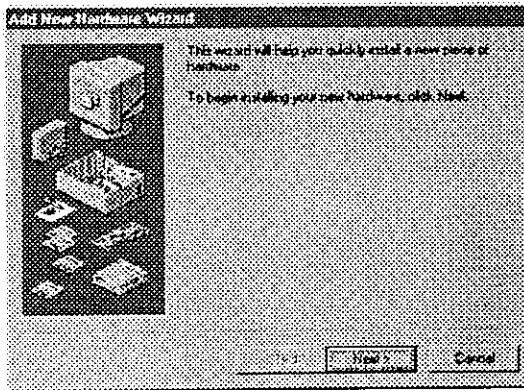
8. The Select Device dialog box will display you the name of the capture card: 'BT848 PCI Video Capture Card'. Click on *OK*.



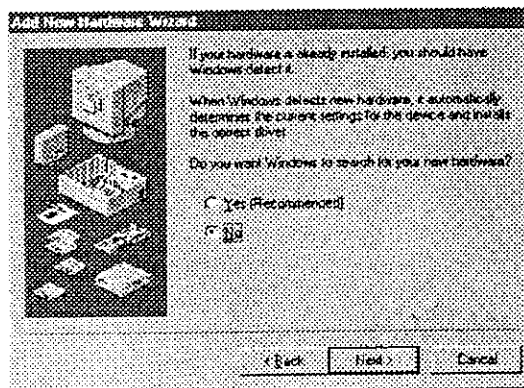
## Re-install the Capture Card

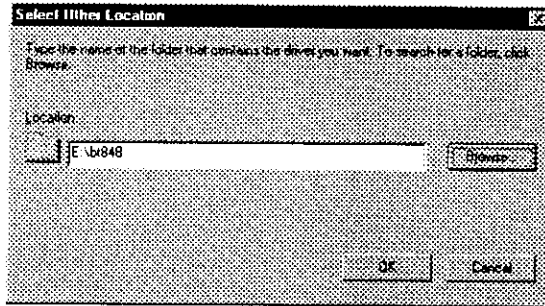
Before you re-install the capture card, select the 'BT848 PCI Video Capture Card' and click on the Remove button if you see an exclamation mark shown in the line.

1. Restart your system.
2. From your desktop, go to *My Computer – Control Panel – Add New Hardware*. Click on *Next*.

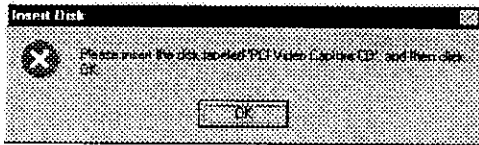


3. Select *No* when asked if you wanted Windows to search for your new hardware and click on *Next*.

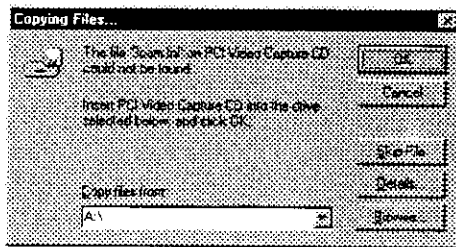




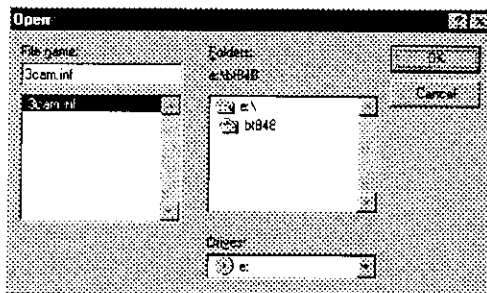
4. The Insert Disk dialog box will pop up and ask again for the CD. Click on *OK*.



5. The Copying Files dialog box will ask you for the path of your driver. Click on the *Browse* icon.



6. The Open dialog box will now appear. Specify the path: [Drive]:\3cam.inf if you are installing from diskette or [Drive]:\BT848\3cam.inf if you are installing from CD and click *OK*.

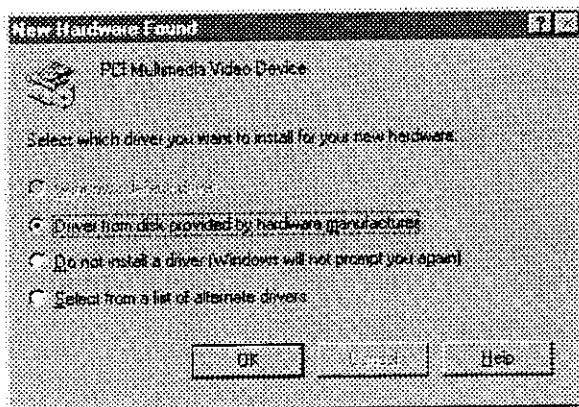


## Driver Installation

For different version of Windows 95, setup procedures will be different. Check for your Windows version and install the driver correctly as described below. To get to know your Windows version, go to *My Computer – Control Panel – System*. In the General tab, you will see your System version. If it is 4.00.950, then install the driver from the section below. If it is 4.00.950B, then go to the section for Windows 95 OSR2.

### Installing the Driver in Windows 95

After starting up, Windows 95 will automatically find your capture card and ask for the its driver software. Insert your driver disk or CD and press **OK**. The driver software will now automatically be installed.



After finishing the installation, restart your system by clicking on *START - Shut Down - Restart System*.

### Installing the Driver in Windows 95 OSR2

Follow the instructions below to install the device driver if your Windows 95 is an OSR2 version.

1. After starting up, Windows 95 will automatically detect your capture and the Update Device Driver Wizard will pop up. Click on *Next*.

## Table of Contents

SYSTEM REQUIREMENTS .....	1
HARDWARE INSTALLATION .....	1
DRIVER INSTALLATION .....	2
<i>Installing the Driver in Windows 95</i> .....	2
<i>Installing the Driver in Windows 95 OSR2</i> .....	2
VERIFYING THE COMPLETION OF INSTALLATION .....	5
<i>Re-install the Capture Card</i> .....	6
FEATURES .....	10