

# **IEEE 1394a PCI Host Adapter**

## **Quick Installation Guide**

### **Introduction**

This IEEE 1394a (FireWire) PCI host adapter provides 3-external (or 2-external and 1-internal) ports for the connections of high performance 1394a devices, such as DV camcorders, hard disk drives, scanners, printers, digital cameras, CD-RWs/DVD-ROMs and more.

For DV kit model, one 1394a (FireWire) 6-pin/4-pin DV cable is included for connecting DV Camcorders and other 1394a devices using 4-pin connector. Deluxe video editing software is also included for producing greeting cards, video e-mails, or home videos complete with attractive titles, effects and background music.

### **Key features and Benefits**

- Compliant with the IEEE 1394-1995, P1394a-2000 and OHCI standards
- Supports data transfer rates up to 400Mbps
- Adds 1394a (FireWire) interface into your system for connecting up to 63 devices
- Fully compliant with PCI Plug-n-Play specifications
- Hot-swapping feature allows you to attach/detach 1394a devices without first powering your computer off
- Works with various types of DV camcorders (Sony, Panasonic, Canon, JVC, Sharp and more), hard disk drives, hub, CD-RWs/DVD-ROMs, digital cameras, scanners, audio/video devices and more

## **System Requirements**

- Pentium or equivalent PC computer with one available PCI slot
- Windows 98SE/ME/2000/XP

## **Hardware Installation**

### **Static Electricity Precaution**

One of the routine precautions you must be aware of when working with computer components is the problem of static electricity discharge.

**Caution:** Static Electricity Discharge may permanently damage your system. To avoid possible static electricity discharge during the installation, please follow the guidelines below:

- Discharge any static electricity build up in your body by touching a large grounded metal surface or the computer case (if plugged in) for a few seconds.
- During the installation, avoid any contact with internal parts.

### **Hardware Installation**

1. Turn off the power of your computer and any other connected peripheral devices.
2. Unplug the power cord from the back of the computer.
3. Remove your computer's cover.
4. Remove the slot bracket from an available PCI slot.
5. To install the card, carefully align the card's bus connector with the selected PCI slot on the motherboard. Push the board down firmly, but gently, until it is well seated.
6. Close the cover of your computer and plug the power back to your computer.

## **Software Installation**

Throughout driver installation, you may be prompted to insert your Windows Installation CD. Some files on this CD are necessary to complete driver installation. Please insert the CD when prompted and follow on-screen instructions.

Please make sure the board is installed before proceeding with driver installation.

### **Windows 98SE Driver Installation**

1. When Windows boots up, a **New Hardware Found** dialog box should appear and the **OHCI Compliant IEEE 1394 Host Controller** is identified.
2. At the **Add New Hardware Wizard** window, click **Next**.
3. Choose **Select for the best driver for your devices**, and click **Next**.
4. Insert Windows 98 CD-Title into your CD-ROM drive
5. Clear all check boxes, click **Next**, **Next**, **Next**, then **Finish** to complete driver installation.

### **Windows ME Driver Installation**

1. At the **Add New Hardware Wizard**, choose **Automatic search for a better driver (Recommended)**, then click **Next**.
2. Click **Finish** and restart Windows to complete driver installation.

### **Windows 2000/XP Driver Installation**

1. Windows 2000 and XP will automatically detect and install the correct driver for this 1394a PCI host adapter.

### **To verify successful installation**

1. Check **Device Manager** to verify successful driver installation.

*Windows 98SE/ME:* From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.

*Windows 2000/XP:* Right click **My Computer**, then click **Manage**. Click **Device Manager**.

2. Double click **1394 Bus Controller** or **IEEE 1394 Bus host controller** option. An **IEEE 1394 Host Controller** should be displayed.

## **Ulead VideoStudio Software Installation**

The 1394a DV Kit model includes Ulead VideoStudio digital video editing software for producing home videos, complete with attractive titles, transitions and sounds.

1. Insert the Ulead VideoStudio DV software CD. Auto-run should start automatically. If not, click **Start, Run**, type in **D:\Autorun.exe**, then click **OK**. (Assume **D:** is your CD-ROM drive)
2. Check **Install Ulead VideoStudio** and follow on-screen instructions to complete installation.

## **To verify successful DV Camcorder setup**

1. Check **Device Manager** to verify successful driver installation.

*Windows 98SE/ME:* From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.

*Windows 2000/XP:* Right click **My Computer**, then click **Manage**. Click **Device Manager**.

2. Double click **Imaging Device(s)**. A **Microsoft DV Camera and VCR** or **DV Camcorder** should be displayed.

