DIGITUS®

USB 2.0 / IEEE 1394a Interface Cardbus Combo-Add-On-Card

User Manual

(DS-32230)

All brand names and trademarks are properties of their

Respective owners.

Features and Benefits

General

- Provide two USB 2.0 (480Mbps) and two FireWire (400Mbps) ports into your system

- Hot-swapping feature allows to (dis)connect devices without powering down system

- Support Windows 7, Vista, XP, 2000

IEEE 1394a

- Compliant with IEEE 1394-1995, 1394a-2000 and OHCI 1.1 standards

- Provides two external independent FireWire 400 ports

- Data transfer speeds of 100, 200 and 400 Mbps are supported

USB 2.0

- Fully supports EHCI and OHCI Compliant standards

- Compliant with Universal Serial Bus specification revision 2.0

- Provides two external USB2.0 high speed ports

- Supports simultaneous operation of multiple USB 2.0 and USB

2

1.1 devices

● Supports data transfer rates of high-speed (480Mbps), full-speed (12Mbps), and low-speed (1.5Mbps)

System Requirements

● Windows 7, Vista, XP, 2000

● Available CardBus Type II Slot

Hardware Description

① **USB 2.0 Port**　② **USB 2.0 Port**　③ **FireWire 400 Port (6-Pin)**

④ **FireWire 400 Port (4-Pin)**　⑤ **Power Adapter Jack**

CAUTION:

Use only switching power adapter with following specifications:

- Switching power adapter (Optional) DC 12V, 1A

  Polarity: Outside negative voltage(-) & Inside positive voltage(+)

  3.5mm power jack

Driver Installation
For Windows® 2000/XP

Once the Windows® 2000 and XP startup, IEEE 1394 + USB 2.0 CardBus Adapter will be installed automatically without driver installing. Please update your operating system to Windows® 2000 Service Pack 4 and Windows® XP Service Pack 1 or later version.
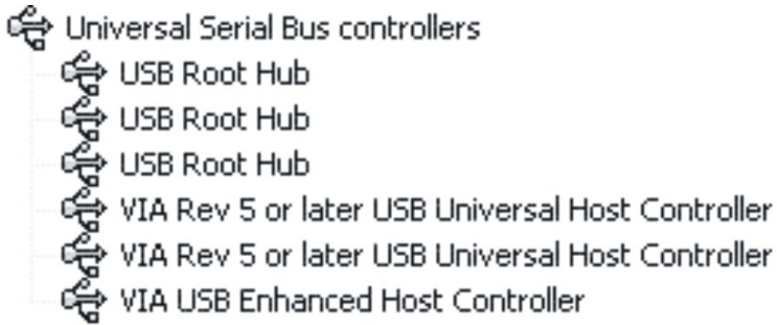
For Windows® Server 2003/Vista

Windows® Server 2003/Vista has built-in driver support for this IEEE 1394 + USB 2.0 CardBus Adapter. Just install the CardBus and

Windows will automatically detect and install the correct driver for it. No additional driver is necessary.

To Verify Driver Installation

1. Check **Device Manager** to verify successful driver installation. Right click **My Computer**, click **Manager**, then click **Device Manager**.

2. Double click **Universal Serial Bus controllers** and the following options should be displayed, in addition to others that may come with your system.

    -   **USB Root Hub**
        (**USB 2.0 Root Hub** in Windows® 2000)
    -   **USB Root Hub**
    -   **USB Root Hub**
    -   **VIA Rev 5 or later USB Universal Host Controller**
        (**VIA USB Universal Host Controller** in Windows® 2000)
    -   **VIA Rev 5 or later USB Universal Host Controller**
        (**VIA USB Universal Host Controller** in Windows® 2000)
    -   **VIA USB Enhanced Host Controller**

Universal Serial Bus controllers
    USB Root Hub
    USB Root Hub
    USB Root Hub
    VIA Rev 5 or later USB Universal Host Controller
    VIA Rev 5 or later USB Universal Host Controller
    VIA USB Enhanced Host Controller

3. Double click **IEEE 1394 Bus host controllers** option and a **VIA OHCI Compliant IEEE 1394 Host Controller** should be displayed.

    IEEE 1394 Bus host controllers
        VIA OHCI Compliant IEEE 1394 Host Controller