EUT:HUB card

FCC ID:L4OHC04R

CIS TECHNOLOGY INC.

User's manual

EXHIBIT D

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Section 2 Installation

This section describes how to install your Ethernet hub card. Perform the following steps to install the adapter.

1. Turn off your computer and all peripherals.
2. Make a note of the cables and cords that are connected to the computer and disconnect them.
3. Remove your personal computer's cover (refer to the owner's manual of your personal computer).
4. Select any available PCI slot, and remove the slot cover.
5. Carefully install the Ethernet hub card into the expansion slot by firmly pressing the card into the edge of the connector slot until the card is snugly seated in the expansion slot and fasten the retaining bracket with screw from the slot cover.
6. Reinstall your personal computer's cover and reconnect the power cord and all cables.
7. Connect the Ethernet cable to your personal computer.

Note:

System Requirements:

A PC and BIOS that support the PCI Local Bus Specification 2.x.

Section 4 Drivers Installation

Be sure to install the proper driver for the hub card to provides a connection between the MAC interface and the four 10BASE-T node.

The Ethernet hub card is fully IEEE 802.3 compatible and can use the NetWare DOSODI NE2000 compatible driver that is included in your Networking Operating System.You can also use the drivers supplied by the software diskette that is compatible with your Networking Operating System. The driver for each Networking Operating System is under a separate directory. Each directory includes a README.TXT fileto describe the detailed installation procedure.A RELEASE.TXT file under root directory lists the information of all the available drivers.

Maximum Attenuation: 8 to 10 dB per 100m at 10Mz

Section 7 Troubleshooting

This section describes reasons for some adapter's failures and the actions to be taken to resolve the problems.

- PCI scan specified, device not found

  Action: Verify that the PCI Ethernet adapter is physically installed properly. Otherwise, replace the adapter.

- Connection failure if using an unshielded twisted pair (UTP) cable

  Action: Verify that the UTP cable is firmly attached.

Section 8 Specifications

IEEE 802.3 Standard:	10BASE-T
Wiring Connector:	RJ-45
Bus Characteristics:	32 bits ; PCI Local Bus specification 2.x
I/O address:	being assigned by the BIOS to a free I/O address block
IRQ line:	INTA ; being assigned by the BIOSto a free IRQ (interrupt) number
RAM buffer:	16KB
Dimensions:	5.11" * 4.21" 13mm * 10.7mm
FCC Compliance:	FCC Class B
Power Consumption:	430mA,@5V
Operating Temperature:	0 to 55 degrees centigrade
Operating Humidity:	10 to 90%, non-

Section 6 Cable Specifications

The Ethernet adapter has three connector alternatives. Each connector requires a different cable. This section describes each cable's specification.

- Cable for RJ-45 connector for 10BASE-T network

Cable type:	UTP with 2 twisted pairs
of	22, 24 or 26 AWG
Twists per foot:	2 to 3(min.)
Nominal impedance:	100 ohms
Maximum cable length:	300'(100m)

Section 3 Configuration and Diagnostics

Your Ethernet hub card has built-in a MAC interface which is automatically configured when you power-up your computer, In certain computers, however, you must modify your BIOS by entering your CMOS SETUP utility.

To view the configuration parameters assigned by the BIOS, insert the software diskette into your drive and execute the utility software, EZPCI.

Section 1 Introduction

Your Ethernet hub card is a high performance network device that is designed to easily link four 10BASE-T hub with a PCI interface card. The hub card consists of four (4) 10BASE-T hub port to linking and forwartding packets in one segment, it also includes a 32-bit PCI interface to provide an additional connection with the network segment.

The Ethernet hub card is designed for plug-and-play installation and easy managements with all 10BASE-T ports and LEDs on the bracket.

Summary of features

- o Compliant with the 10BASE-T specification of the IEEE 802.3 standard
- o Automatic partitioning function to isolate network failure
- o Equipped with five LEDs for easy viewing and troubleshooting
- o Equipped with a MAC interface to provides a connection with the four 10BASE-T segment
- o Diagnostic software, network driver installation utility, and network drivers on the diskette
- o 32-bit bus mastering for high throughput and low processor utilization

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.

EXHIBIT 1

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.

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