

USB 2.0 TO ETHERNET ADAPTER



USER MANUAL

UC-210T

Read this manual thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit, and/or any of the devices connected to it.

This package contains:

- ◆ 1 USB 2.0 to Ethernet Adapter
- ◆ 1 USB Cable
- ◆ 1 Driver Disk
- ◆ 1 User Manual

If anything is damaged or missing, contact your dealer.

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TROUBLESHOOTING

Problem	Cause	Action
Windows cannot find driver on installation disk.	Conflict with previously installed network card(s) and software.	Remove the previously installed network card (see <i>Preliminary Steps</i>).
Unit does not operate with Ethernet switch.	Unit operates in half duplex mode. Older switches may not automatically detect this.	Switch must be manually configured for half duplex mode. See documentation that came with the switch for details.
Cannot connect with the network.	Conflict with previously installed network card.	Disable the previously installed network card according to the procedures given in the Preliminary Steps section of the Installation instructions.

LIMITED WARRANTY

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquiries, please contact your direct vendor.

SPECIFICATIONS

Function	Specification
Connectors	USB Type B Socket
	LAN RJ-45 Socket
LEDs	Status Link and TX/RX (Green)
	Speed Red for 10Mbps; Green for 100 Mbps
Data Transfer Rate	Depends on USB rate
Network Protocol	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTx
Power Consumption	1W (max.)
Power Modes	Bus Powered
Environment	Operating Temp: 0 ~ 50° C Storage Temp: -20 ~ 60° C Humidity: 0 ~ 80% RH, Noncondensing
Housing	Plastic
Weight	38
Dimensions (L x W x H)	6 x 4 x 2.36 cm

SYSTEM REQUIREMENTS

- ◆ Win98, 2000, Me, or XP
- ◆ USB 2.0 Host Controller installed on the system

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 against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause 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 or relocate the receiving antenna;
- Increase the separation between the equipment and receiver;
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected;
- Consult the dealer or an experienced radio/television technician for help.



FEATURES

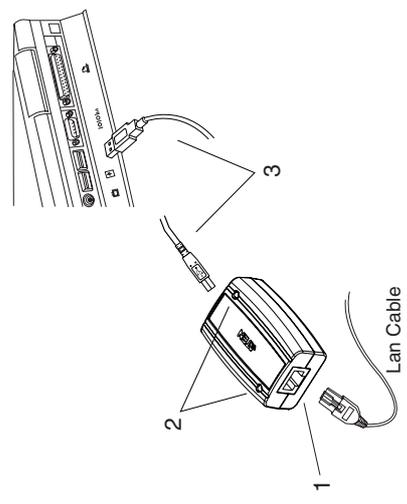
- USB Interface Specification 2.0 Compliant
- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTx Ethernet Half Duplex
- Plug and Play Installation with Automatic Configuration
- Win98/2000/Me/XP Driver Support
- Standard USB Cable Connection To USB Host Adapter or USB Hub
- Standard RJ-45 Cable Connection to the LAN
- LED Display for Easy Diagnostics
- Bus Powered - External Power Supply Not Required
- Multi Megabit Burst Data Transfer Rates
- Data Communications Capability at LAN Speeds
- Supports Energy-Saving Suspend and Resume Functions

OVERVIEW

The UC-210T is a 10BaseT/100BaseTx auto-sensing USB 2.0 to Ethernet adapter that provides an external plug-and-play LAN connection for PCs, notebooks, laptops, and handheld computing devices that support the USB specification. The UC-210T contains an RJ-45 socket for the Ethernet LAN cable to plug into, and a USB type B port for a USB cable that connects to a PC's USB port, or to a USB hub.

For further convenience - especially to users of notebooks, laptops, and handhelds - the UC-210T USB 2.0 Ethernet Adapter derives its operating power from the Universal Serial Bus itself, so no bulky external power supply needs to be taken along. And because it is a USB Specification 2.0 compliant device, it supports fast data transfer rates of up to 480Mbps, and energy-saving suspend and resume operations.

COMPONENTS



1. RJ-45 Socket
The cable from the LAN plugs in here.
2. LEDs:
 - Link and Tx/Rx (Green)

This LED lights when a link to the LAN has been established. It flashes when data is being transmitted between the computer and the LAN

 - Transmission Speed

This dual colored LED lights Red when the transmission speed is 10Mbps, and lights Green when the transmission speed is 100Mbps
3. USB Cable
The **B** end of the cable plugs into the UC-210T; the **A** end of the cable plugs into the computer's USB port (or a USB hub).

INSTALLATION

PRELIMINARY STEPS

1. Before you begin, make sure that the UC-210T is disconnected from the network, and that no other applications are running.
2. Disable any network interface card (NIC) currently installed on your system:
 - a. Right click on **My Computer**
 - b. Click on **Properties**
 - c. Click on **Device Manager**
 - d. Click on the **Plus** sign next to *Network adapters*
 - e. Find your adapter in the list and **Double Click** on it.
 - f. On the *General* page, in the *Device Usage* section, check **Disable in this hardware profile**
 - g. Click on **OK**

WINDOWS INSTALLATION

1. Use the USB cable that came with this package to connect the UC-210T to the computer's USB port; The *Add New Hardware Wizard* appears. Put the driver disk into your disk drive, and Click **Next**.
2. Follow along with the dialog boxes to complete the installation.

Note: In the dialog box that asks where to find the driver, be sure to specify your floppy disk drive (drive A:)
3. After the driver files have been copied, a dialog box appears to inform you that the installation has finished. Click **Finish**.
4. In the dialog box that comes up, you are asked if you want to restart the computer. Remove the driver disk; plug the LAN cable into the UC-210T's RJ-45 socket; and Click **Yes**.

This completes the installation. If, for any reason, you disconnect the UC-210T from the computer and then reconnect it, allow the system up to two minutes (approximately), to recognize the reconnected adapter.