

Appendix

Troubleshooting

Problem	Cause	Action
Windows cannot find driver on installation diskette.	Conflict with previously installed network card(s) and software.	Remove the previously installed network card: 1. Follow steps a to d given in the Preliminary Steps section of the Installation instructions. 2. Find your adapter in the list and Click on it. 3. Click on the Remove button.
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.

Specifications

Function		Specification
Connectors	USB	Type A Plug
	LAN	RJ-45 Receptacle
LEDs	Status	Link and TX/RX (Green)
	Speed	Red for 10 Mbps; Green for 100Mbps
Data Transfer Rate		Depends On USB Rate
Network Protocol		IEEE 802.3 10BaseT
		IEEE 802.3u 100BaseTx
Cable Length		30 cm
Power Consumption		650mW (max.)
Power Modes		Bus Powered
Operating Temperature		5 ~ 40S C
Storage Temperature		-20 ~ 60S C
Humidity		0 ~ 80% RH, Noncondensing
Housing		Plastic
Weight		135 g
Dimensions (L x W x H)		91 x 46.5 x 23 mm

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.

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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.

Radio & TV Interference

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 instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

USER'S MANUAL

UC-110T

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the hub and/or any of the devices it connects to.

This package contains:

- ¥ 1 USB Ethernet Adapter with Attached USB Cable
- ¥ 1 Distribution Diskette (with Driver Software)

If anything is damaged or missing, contact your dealer.

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USB TO ETHERNET ADAPTER



Overview

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (keyboards, mice, scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of PCs.

The ATEN UC-110T is a 10BaseT/100BaseTx auto-sensing USB 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-110T contains an RJ-45 receptacle for the Ethernet LAN cable to plug into, and has a 30 cm USB cable with a type A plug for connection to the PC's USB port, or to a USB hub.

For further convenience - especially to users of notebooks, laptops, and handhelds - the UC-110T USB 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 1.1 compliant device, the UC-110T supports energy-saving suspend and resume operations.

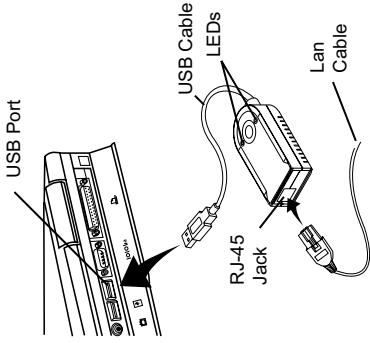
System Requirements

- Windows 98 or Windows 2000
- USB Host Controller installed on the system

Features

- USB Interface Specification 1.1 Compliant
- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTx Ethernet Half Duplex
- Plug and Play Installation with Automatic Configuration
- Win98 / Win 2000 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

Introduction



1. RJ-45 Receptacle
The cable from the LAN plugs in here.
2. USB Cable
This cable plugs into the computer's USB port (or a USB hub).
3. LEDs:

- a) 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 PC and the LAN

- b) Transmission Speed

This is a dual colored LED. It lights **Red** when the transmission speed is 10Mbps; it lights **Green** when the transmission speed is 100Mbps

Installation

Preliminary Steps

1. Before you begin, make sure that the UC-110T 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. Plug the UC-110T into the computer's USB port; The **Add New Hardware Wizard** appears; Click on **Next** to continue.
2. In the dialog box that comes up, leave the default choice (*Search for the best driver for your device*); Click on **Next** to continue.
3. In the dialog box that comes up, leave the default choice (*Floppy disk drives*); insert the distribution diskette in the floppy (A:) drive; Click on **Next** to continue.
4. In the dialog box that comes up, Windows tells you that it is ready to install the driver. Click on **Next** to continue. Files are now copied to your hard disk. This may take a few moments, please be patient.
Note: If Windows tells you it can't find the driver on the installation diskette, follow the directions given in the *Troubleshooting* section to resolve the problem.
5. After the driver files have been copied to the hard disk, a dialog box appears to tell you that the installation has finished. Click on **Finish**.
6. In the dialog box that comes up, you are asked if you want to restart the computer. Remove the distribution diskette; plug the LAN cable into the UC-110T's RJ-45 jack; and Click on **Yes**.

Installation Complete

This completes the installation. If, for any reason, you disconnect the UC-110T from the computer and then reconnect it, allow the system up to two minutes (approximately), to recognize the reconnected adapter.

Uninstalling the Driver

If you should ever need to uninstall the driver files, simply do the following:

1. Unplug the USB cable from the PC
2. Insert the distribution diskette that came with this package in Drive A
3. Run the UNINST.EXE program found on the distribution diskette
4. Reboot the computer