

Overview

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of PCs. The USB behaves in a similar fashion to conventional bus technology (i.e., serial, parallel, PS/2), but is a lot faster, and since it does not require any extra expansion slots or IRQs, many more devices can be attached to the system.

The ATEN UC-10T USB Ethernet Adapter provides an external plug-and-play LAN connection for PCs, notebooks, laptops, and handheld computing devices that support the USB specification. The UC-10T contains an RJ-45 receptacle for the Ethernet 10BaseT 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.

Note: Since most computers only have one or two USB ports, USB hubs are often used to provide additional ports so that numerous USB peripheral devices can be connected up at the same time.

For further convenience - especially to users of notebooks, laptops, and handhelds - the UC-10T 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 compliant device, the UC-10T supports energy-saving suspend and resume operations.

System Requirements

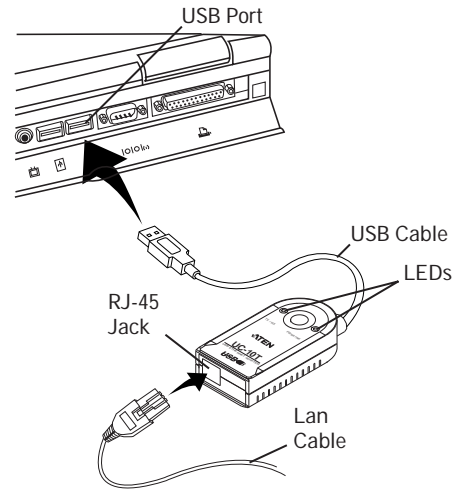
- Windows 98
- USB Host Controller installed on the system.

Features

- USB Interface Specification Compliant
- IEEE 802.3 10BaseT Ethernet Half Duplex
- Plug and Play Installation with Automatic Configuration
- Win98 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

The UC-10T



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: Power/Link (Orange) and Tx/Rx (Green)
These provide information regarding the UC-10T's operating status (see the table in the Appendix for details).

Installation

Preliminary Steps:

1. Before you begin, make sure that the UC-10T 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 device 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 98 Installation:

1. Plug the UC-10T into the computer's USB port; The **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 drivers 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, Click on **Next** to continue. Files are now copied to your hard disk.
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-10T's RJ-45 jack; and Click on **Yes**.

Installation Complete:

This completes the installation. If, for any reason, you disconnect the UC-10T from the computer and then reconnect it, allow the system up to two minutes (approximately), to recognize the reconnected adapter.



USER'S MANUAL

UC-10T

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.

The UC-10T package contains:

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

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Manual Part NO. PAPE-1140-100

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Appendix LED Status Indicators

LED	Activity	Indication
Power/LINK	ON	Unit is receiving power from the PC and is connected to the network.
	OFF	Unit is not receiving power from the PC; or unit is not connected to the network.
Tx/Rx	Flashing	Data is being transferred to/from the network.
	OFF	No data is being transferred to/from the network.

Specifications

Function	Specification	
Connectors	USB	Type A Plug
	LAN	RJ-45 Receptacle
LEDs		Power/Link (Orange)
		Tx/Rx (Green)
Data Transfer Rate	10 Mbps	
Network Protocol	IEEE 802.3 10BaseT Ethernet Half Duplex	
Cable Length	30 cm	
Power Consumption	90m A (max.)	
Power Mode	Bus Powered	
Operating Temperature	5° ~ 40°C	
Storage Temperature	-20° ~ 60°C	
Humidity	0 ~ 80% RH, Noncondensing	
Housing	Plastic	
Weight	135g	
Dimensions (L x W x H)	91 x 46.5 x 23 mm	

Troubleshooting

Problem	Cause	Action
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. 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

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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.

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