

FCC ID: M24CAS2640

AboCom

IP Sharing + Fast EtherSwitch For
Cable/xDSL Modem

User Manual

FCC Certifications

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. 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 to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cables must be used in order to comply with emission limits.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

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Specifications are subject to change without prior notification.

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For advanced users, Virtual Service support allows the IP Share device to provide limited visibility to local machines and their services as dictated by the user. An ISP provided IP address can be set to the product and then specific services can be rerouted to specific computers on the local network. For instance, a dedicated web server can be connected to the Internet via the product and then incoming requests for HTML that are received by the product can be rerouted to the original server, even though the server now has a different IP address. In this example, the product is on the Internet and vulnerable to attacks, but the server is protected.

Virtual Service can also be used to re-task services to multiple servers. For instance, the product can be set to allow separate FTP, Web, and Multiplayer game servers to share the same Internet visible IP address while still protecting the servers and local users from hackers.

* This product's GUI setup interface requires Windows 95, 98, NT or 2000. Telnet and Terminal setup are operating system independent. The IP Sharing + Fast EtherSwitch for Cable/xDSL Modem is an integrated Internet IP sharing device with a built-in 4 port 10/100 Mbps Base-T N-way Ethernet switch. Multi-users can have high-speed Internet access simultaneously via one single IP address of the Cable/xDSL modem.

This device provides an easy-to-setup GUI program for Windows 95/98/NT/2000. Thanks to both DHCP client and DSCP server which complete the network configuration automatically, there is no pain or efforts for configuration. Especially when the 4 port EtherSwitch lets users plug the cable into the device without buying additional Hub/Switch, you enjoy the true Plug & Play advantage.

With the included Incoming Mail Indication, the IP Sharing + Fast EtherSwitch for Cable/Xdsl Modem can check incoming mail for user periodically.

Summary of Features

~~10/100Mbps dual speed auto detecting LAN interface for flexible network connectivity.~~

~~Allow up to 32 users to access Internet concurrently.~~

~~Supports popular PPPoE~~

- Internet applications such as Web browser, ICQ, FTP, Telnet, E-Mail, ~~PING, etc.~~ AoE, News, NetMeeting, VDOLive Player, Ping, and more.

- DHCP server allocates up to 128 client IP addresses.

- DHCP client ~~gets its global IP address automatically~~ to acquire dynamic network configuration from ISP

- ~~same route to Internet server.~~ Proxy DNS

- 4 ports 10/100 base-T N-way Ethernet Switch

- Virtual server

- Easy setup using Telnet through network.

- Easy GUI setup program for Windows 95/98/NT /2000 through network.

SAMPLE APPLICATION

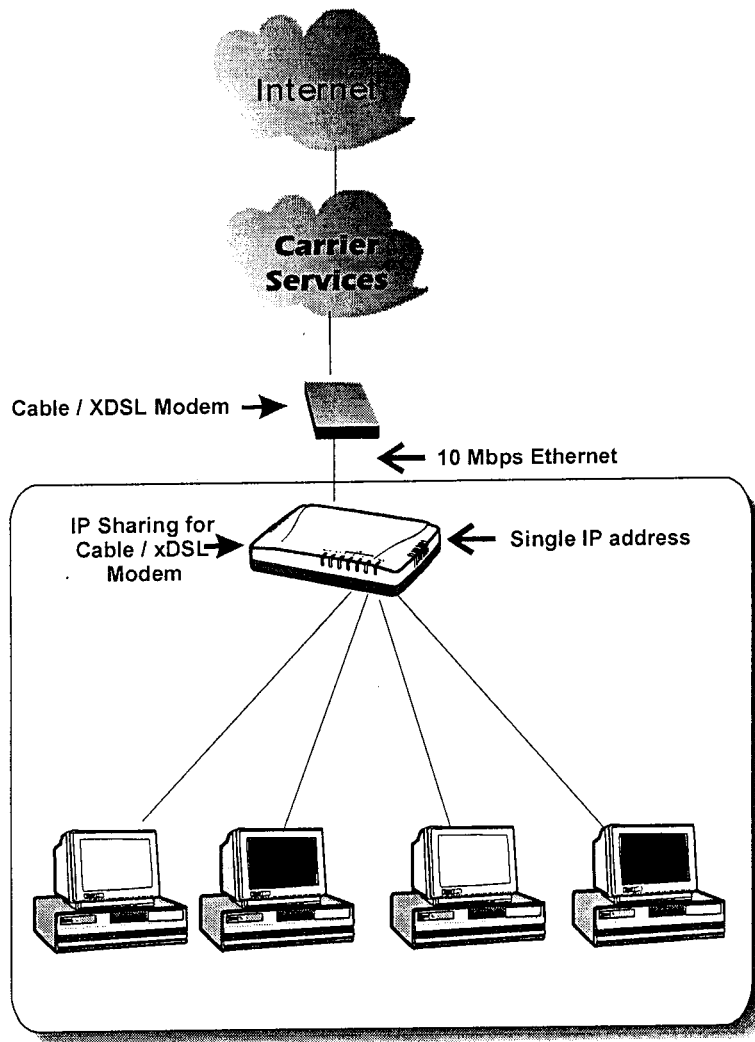



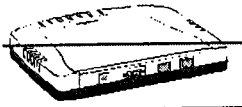
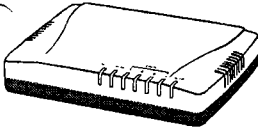



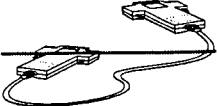
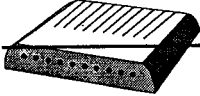
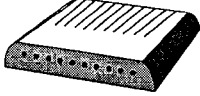
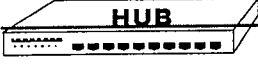
Figure 1: Small Office/ Home Office Setup

Hardware Requirements

Table 1: Essential Hardware

Items Included in Standard package	Description	Purpose
	UTP Ethernet cross-over cable	Connects from local port of the product to Ethernet Port on PC or Uplink port on Hub/Switch
	CAT3 or CAT5 UTP Ethernet straight cable	Connects from local port of the product to Ethernet Port on PC or Uplink port on Hub/Switch
	Power adapter	Connects from the product to power source
	This product	Main Unit
	This product	Main Unit
	2 Floppy Disks	Contain this User Manual and the Windows GUI Setup Software
	Manual	Quick Starter Guide folders

Possible Additional Items (Not Included or Required)	Description	Connections	
		From	To
	CAT3 or CAT5 UTP Ethernet straight cable	Local Port	HUB or Switch

	<p>RS-232 cable (For terminal program configuration only)</p>	<p>Console Port</p>	<p>COM port</p>
 	<p>A well-installed WAN environment (Cable Modem or ADSL Modem)</p> <p>A well-installed WAN environment (Cable Modem or ADSL Modem)</p>		
	<p>A well-installed LAN environment</p>		

Hardware Connections

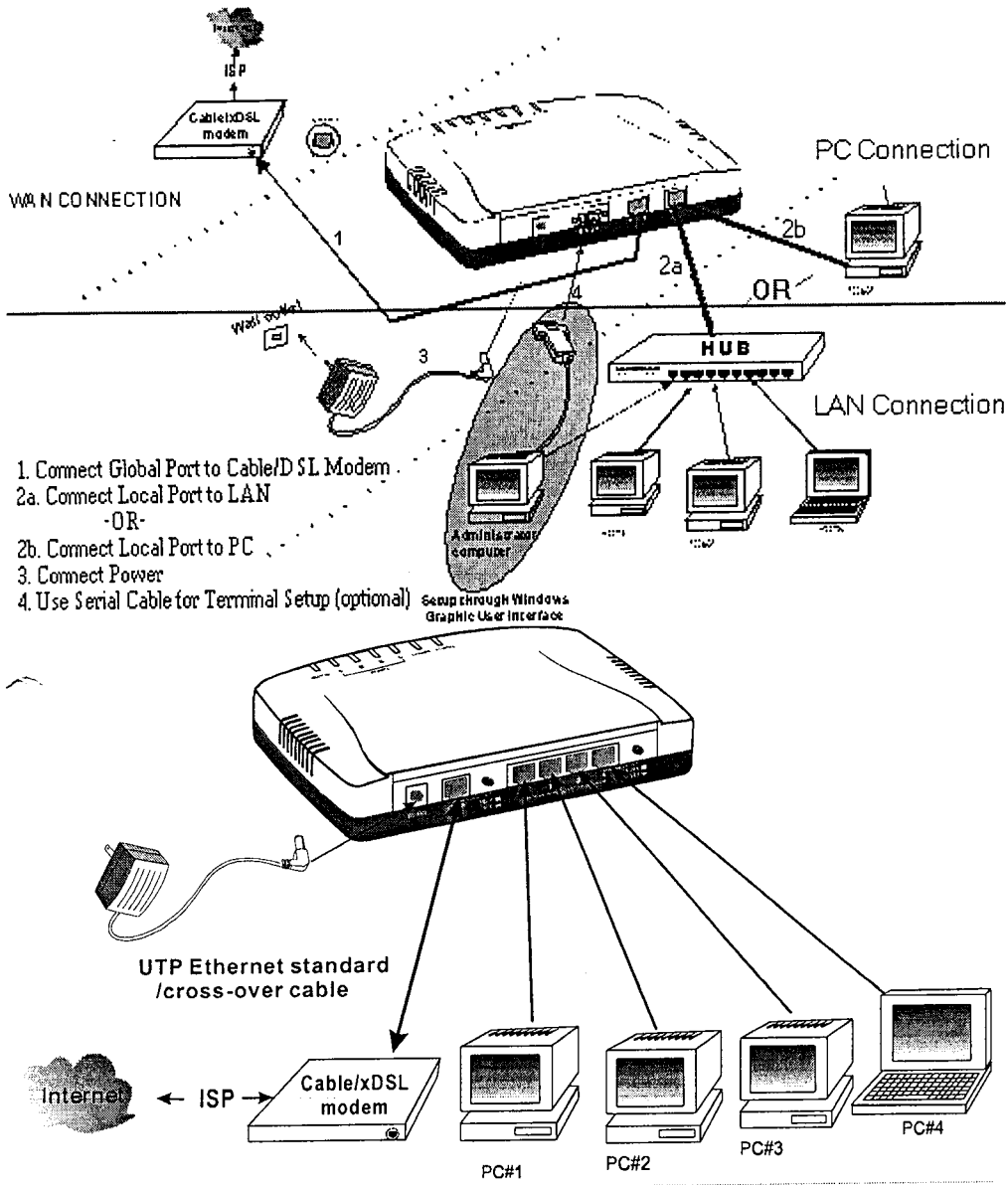


Figure 2: Hardware Connections

Make sure that this product is installed and connected properly. Use an UTP Ethernet cross-over cable or an Ethernet straight cable (press the MDIX/MDI switch button to fit