

## GLB-502T



## KEY FEATURES

- **PPP (Point-to-Point Protocol) Security**
- **DHCP Support**
- **Network Address Translation (NAT)**
- **TCP/IP (Transfer Control Protocol / Internet Protocol)**
- **Telnet Connection**
- **Supports 8 PVC's**

### Cost-effective ADSL Internet connection for individual computers

The GLB-502T ADSL 2+ Router is designed to provide a simple and cost-effective ADSL Internet connection for individual computers through either the Ethernet or USB ports, or use it to bridge your Ethernet LAN to the Internet. The GLB-502T combines the benefits of high-speed ADSL technology and LAN IP management in one compact and convenient package. GLB-502T supports 8 PVC's and comes with In-built splitter as an added advantage to users.

#### Features and Benefits:

##### **Built-in ADSL POTS splitter:**

GLB-502T is an ADSL 2+ Router, with upstream rate of 1Mbps and downstream rate of 22 Mbps. It has in-built ADSL POTS splitter so as to separate voice and data which enables data and voice signals to be transmitted over the existing telephone line simultaneously without any interference.

##### **Network Address Translation (NAT):**

For small office environments, the product allows multiple users on the LAN to access the Internet

concurrently through a single Internet account. This provides Internet access to everyone in the office for the price of a single user. NAT improves network security in effect by hiding the private network behind one global and visible IP address. NAT address mapping can also be used to link two IP domains via a LAN-to-LAN connection.

##### **Easy Management:**

GLB-502T provides secure web based management interface with administrative and restricted accesses to remotely configure and monitor the system. The Telnet enables a network manager to access the Router's management software remotely.

##### **Static Routing:**

This allows you to select a data path to a particular network destination that will remain in the routing table and never "age out". If you wish to define a specific route that will always be used for data traffic from your LAN to a specific destination within your LAN (for example to another router or a server) or outside your network (to a ISP defined default gateway for instance).

## Features

- ADSL2+ Router with 1 Ethernet port & USB
- Data Rate
  - Downstream: upto 24Mbps
  - Upstream: upto 1Mbps
- In built Splitter
- Supports 8 Multiple PVC's

## Standards

- ITU G.992.2 compliant
- RFC 791 Internet Protocol compliant
- RFC 1058 Routing Information Protocol (RIP) compliant
- RFC 1483 IP over AAL5/ Bridged Ethernet over AAL5 compliant
- RFC 1557 Classical IP over ATM (IPoA) compliant
- RFC 1661 Point to Point Protocol (PPP) compliant
- RFC 1877 Automatic IP assignment compliant
- RFC 1994 Challenge Handshake Authentication Protocol compliant

- Supports RFC 2131 and RFC 2132 DHCP functions including automatic assignment of IP address, use of subnet mask and default gateway and provision of DNS server address for all hosts
- RFC 2364 PPP over ATM compliant (PPPoA) compliant
- RFC 2516 PPP over Ethernet compliant (PPPoE) compliant
- RFC 2684 Bridged/Routed Ethernet over ATM compliant
- IEEE 802.3 compliant Embedded web server support
- Supports Dynamic Learning
- Supports Static Routing
- Supports DHCP for up to 253 host connections
- Supports IGMP
- Supports ATM Forum UNI 3.1/4.0
- Supports ATM VCC (Virtual Channel Circuit) for up to eight sessions
- Supports TELNET and TFTP

## External Interfaces

- One 10/100 Base-T auto-sensing and auto negotiation
- USB 1.1
- One RJ -11 for ADSL Line
- One RJ -11 for Phone Line interface

## LED's

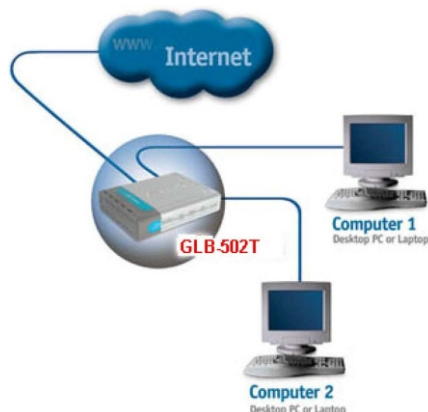
- Power LED
- ADSL Link
- PPPoE LED
- Ethernet Link/Act
- USB Link/Act

## Physical & Environmental

- Dimensions: 142(L) x 108 (W) x 30(H) mm
- Power Input: 9V AC, 1 Amp
- Operating Temperature Range: -10° to 70° C
- Humidity: 5-90% (non-condensing)

## Certification

- EMI/EMC certified



## Ordering Information:

**GLB-502T**  
1-Port Ethernet  
USB ADSL2+ Router.

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