

# PROLINK®

Challenge The Limit

# H8800

## ETHERNET ADSL BRIDGE/ROUTER

PROLINK Hurricane 8800 is an Ethernet ADSL Bridge/Router which fully complies to ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.Lite) ADSL Standards. It supports Full-Rate ADSL transmission at up to 8Mbps downstream and up to 832Kbps upstream. It can also be connected to a small, home-office LAN or a single Ethernet equipped PC to provide broadband services to a single/multi-user environment with support both Static and Dynamic IP routing, Network Address Translation, and Dynamic Host Configuration Protocol Server.



RJ11 Line Jack/RJ45 LAN Jack



LED Indications to show Status Activity



- Provide the Flexibility of Connecting the Computer via Ethernet Port
- DHCP Server
- Support for G.Lite and Full Rate ADSL to Ensure Compatibility with Most DSL Networks
- Easy Configuration Tools (Via Console Port)
- Web-Based Management (Via IE or Netscape)
- Supports For Multiple Users
- Cost Effective Sharing of a Single DSL Connection



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### Features

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- Provide the flexibility of connecting the computer via Ethernet port
- Support for G.Lite and full rate ADSL ensures compatibility with most DSL networks
- Easy configuration tools via console port
- Web-Based Management via IE or Netscape
- Support for Multiple users
- Cost-effective sharing of a single DSL connection
- DHCP server

### Specifications

#### Routing

- RFC2684 Routed (RFC1483 enhanced)
- Classical IP and ARP over ATM (RFC1577)
- DHCP Server (RFC2131 and RFC2132)
- NAT (RFC2663)
- BOOTP/TFTP Client
- DNS Relay
- Point to Point Protocol (PPPoE, PPPoA)
- Configurable PAP and CHAP authentication

#### Bridging

- Transparent Bridging (IEEE 802.1d)
- RFC2684 Bridged (RFC1483 enhanced)
- PPPoE Relay

#### External Connectors

- 1 x RJ11 Telephone Socket for ADSL line
- 1 x RJ45 for 10/100 Base-T Ethernet
- 1 x Power Connector
- 9 pin Serial Port for local management

#### ADSL Software Support

- ATM Transmission Convergence (TC) Layer
- ATM Layer with Traffic Shaping
- AAL ATM Attributes - AAL5
- RFC 2364 PPP over ATM PVCs
- RFC 1577 Classical IP over ATM PVCs
- RFC 1483 Bridged (Ethernet over ATM)
- RFC 1483 Routed IP over ATM
- RFC 2516 PPP over Ethernet (Supported via Optional Software)
- PPTP Tunneling Protocol (When available)
- UNI 3.0, 3.1 and UNI 4.0 ATM Signaling (Support for SVCS)

#### Platform Supports

- OS Independent (Supports any platforms with an Ethernet card installed)

*\*Specifications are subjected to change without prior notice*

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