

# PROLINK®

Challenge The Limit

## Hurricane 9300G

802.11g Wireless 4-port Ethernet

**ADSL2+** Firewall Router



REACHING YOU EVERYWHERE

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PROLINK's H9300G is an enhanced 4-port Firewall router designed for users who need to access to corporate networks to enjoy secure, smooth, and express-speed Internet access. It supports the latest ADSL2/2+ technology; faster downstream data rate goes up to 24Mbps. The powerful Quality of Service feature integrated makes the H9300G a perfect mate for users to benefit from traffic prioritization and bandwidth management. With integrated 54Mbps 802.11g Access Point, WEP, and WPA support, the H9300G provides mobility and security for home and SOHO users. The PROLINK H9300G is truly a fantastic solution for SOHO and Office users to receive greater value and business productivity!

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## Hurricane 9300G

802.11g Wireless 4-port

Ethernet **ADSL2+** Firewall Router

### Features & Benefits

- \*High Speed Internet access with ADSL2/2+; backward compatible to ADSL
- \*802.11g Wireless AP with WPA Support
- \*Quality of Service for Traffic Prioritization and Bandwidth Management
- \*Universal Plug and Play (UPnP) compliance
- \*SOHO Firewall Security with DoS Prevention and SPI
- \*Parental Control with URL Content Filtering and Packet Filtering
- \*Dynamic Domain Name System (DDNS)
- \*Available Syslog monitoring
- \*Ease of use with Quick Installation Wizard and Auto-scan ADSL settings
- \*IGMP Snooping for video service
- \*Ideal for Home and SOHO users



### Express Internet Access

The H9300G complies with ADSL worldwide standards. It supports downstream rate up to 12/24Mbps with ADSL2/2+, 8Mbps with ADSL and upstream rate up to 1Mbps. Users enjoy not only high-speed ADSL services but also broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever.

### Fast and Responsive Net Connection

Quality of Service (QoS) gives users the full control over which type of outgoing data traffic given priority by the router, ensuring important data like gaming packets, customer information, or management information move through the router at lightning speed, even under heavy load. The transmission speed can be throttled both inbound and outbound data passed through the router to ensure P2P users not to saturate uploading bandwidth, or office browsing not to bring client web serving to a halt. In addition, the priority type of upload data can be changed in order to let the router sort out the actual speeds.

### Mobility and Protection

With integrated 802.11g Wireless Access Point in the router, the H9300G offers a quick and easy access among wired network, wireless network and broadband connection (ADSL) with single device simplicity, and as a result, mobility to the users. In addition to 54Mbps 802.11g data rate, it also interoperates backward with existing 802.11b equipment. The Wireless Protected Access (WPA) and Wireless Encryption Protocol (WEP) supported features enhance the security level of data protection and access control via Wireless LAN.

### Robust Firewall Security

Along with the built-in NAT natural firewall feature, the H9300G also provides advanced hacker pattern-filtering protection. It can automatically detect and block Denial of Service (DoS) attacks. Built with Stateful Packet Inspection (SPI), the H9300G enables users to determine whether or not a data packet is allowed to pass through the firewall to the private LAN.

### Specifications

#### Hardware Interfaces

- \*WLAN: One detachable antenna
- \*WAN: ADSL port
- \*LAN: 4xPort 10/100M auto-crossover (MDI/MDI-X) Switch
- \*Console: PS2
- \*Factory default reset button
- \*Power Jack
- \*Power Switch

#### Software Features

- \*\*ADSL Compliance
- \*Compliant with ADSL Standards
- Full-rate ANSI T.1413 Issue 2
- G.dmt (ITU G.992.1)
- G.hs (ITU G.994.1)
- ADSL over ISDN/U-R2
- \*Compliant with ADSL2 Standard
- G.dmt.bis (ITU G.992.3)
- \*Compliant with ADSL2+ Standard
- G.dmt.bisplus (ITU G.992.5)
- \*\*Network Protocols and Features
- \*NAT, static routing and RIP-1/2
- \*Universal Plug and Play (UPnP) compliant
- \*Dynamic Domain Name System (DDNS)
- \*Virtual Server and DMZ
- \*SNTP, DNS relay, IGMP Proxy
- \*POP3 (email account checking)
- \*IGMP Snooping for video service

#### \*\*Firewall

- \*Built-in NAT firewall
- \*Stateful Packet Inspection (SPI)
- \*Prevent DoS attacks including IP Spoofing, Lan Attack, Smurf Attack, Ping of Death, TCP SYN Flooding, etc
- \*Packet Filtering - Port, Source IP Address, Destination IP Address, MAC Address
- \*URL Content Filtering - String or Domain Name detection in URL string

#### \*\*Wireless 802.11g

- \*Compliant with IEEE 802.11g and 802.11b standards
- \*2.4 GHz - 2.48 GHz frequency range
- \*Up to 54Mbps wireless operation rate
- \*64/128 bits WEP supported for encryption
- \*WPA Support

#### \*\*Operating Environment

- \*Operating temperature: 0 ~ 40 Degree Celsius
- \*Storage temperature: -20 ~ 70 Degree Celsius
- \*Humidity: 20 ~ 95% (Non-Condensing)

#### \*\*ATM and PPP Protocols

- \*ATM Adaptation Layer Type 5 (AAL5)
- \*Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
- \*Bridged or routed Ethernet encapsulation
- \*VC and LLC based multiplexing
- \*PPP over Ethernet (PPPoE)
- \*PPP over ATM (RFC 2364)
- \*Classical IP over ATM (RFC 1577)
- \*MAC Encapsulated Routing (RFC 1483 MER)
- \*OAM F4/F5

#### \*\*Quality of Service Control

- \*Support DiffServ approach
- \*Traffic prioritization and bandwidth management based on IP protocol, port number and address

#### \*\*Management

- \*Quick Installation Wizard and Auto-scan ADSL settings
- \*Web-based GUI for remote and local management
- \*Firmware upgraded and configuration data upload and download via Web-based GUI
- \*Embedded Telnet server for remote and local management
- \*Available Syslog monitoring
- \*SNMP v3, MIB-I and MIB-II support
- \*Supports DHCP server/client/relay

#### \*\*Power Requirement

- \*Input: 12V DC, 1A

#### \*\*OS Supported

- \*Windows 98/2000/ME/XP/NT
- \*MAC OS
- \*Linux

\*Specifications are subject to change without prior notice.



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