

# Firewall VPN Router (BRG314)

## **Supports up to 32 VPN tunnels**

Business-class VPN performance

## **Stateful Packet Firewall**

High performance network security

## **Web based Management**

Simple setup and configuration



BRG314 is a cost effective IPSec VPN Gateway that enables secure connections between office locations, enabling access to business networks by telecommuters and other mobile users across the Internet. Ideal for SOHO applications that require both high speed Internet access and data protection. The BRG314 uses standards based IPSec technology including 3DES, AES and Internet Key Exchange (IKE) for authentication and encryption to secure business communications. UPnP is also supported to maximize support for today's Internet applications.

## **Features and Benefits**

**Built-in IPSec VPN** - Enables point to point VPN tunneling, eliminating the need for VPN client software. Supports up to 32 IPSec tunnels between remote VPN clients or other Firewall VPN Routers.

**Standards based compatibility** - VPN tunneling is interoperable with major hardware and software client providers, including Cisco, Nortel, Checkpoint, SafeNet and others.

**Comprehensive Firewall security** - Layered security includes NAT, Stateful Inspection (SPI), Intrusion Detection and application (port based) content filtering.

**High speed 4 Port Switch** - Includes four 10/100 Mbps LAN ports in an integrated full duplexing Switch for fast resource and file sharing.

**Administrative logging and alerting** - Provides event logging of attempted DoS attacks with option to notify by periodic Email alert.

**Web based management** - An intuitive user interface is accessible from standard Web browsers for initial setup and ongoing configuration and monitoring.

**More advanced application features** - Supports UPnP and DDNS to automate application support and provide greater flexibility for using the device in both small office and home office environments.

# Specifications

Protocols	HTTP, TCP/IP, NAT, DHCP client/server, PPP, PPPoE, PAP, CHAP, MSCHAP, IPSec, PPTP, RIP1/2, DNS, DDNS, UPnP
Broadband services	Cable, aDSL, PPPoE client, PPTP client
Network standards	IEEE802.3 (10BaseT), 802.3af (100BaseTx)
Interfaces	WAN: One port - 10/100 Mbps (MDIX auto-crossover) LAN: Four ports - 10/100 Mbps Switch (MDIX auto-crossover) Serial: One port - RS232 (DB-9) ISDN
Firewall	Stateful Packet Inspection (SPI) with Intrusion Detection System
VPN	Number of tunnels (IPSec): 32 IPSec/IKE <ul style="list-style-type: none"><li>• Authentication: MD5, SHA-1</li><li>• Encryption: Manual Key, IKE auto-Key, DES, 3DES, AES (128/192/256 Bit) Layer 2</li><li>• PPTP client</li><li>• Supports Microsoft MPPE with MS-CHAP and PAP</li></ul>
VPN interoperability *	Hardware: Cisco, Nortel, Nokia, 3Com, Sonicwall, Netscreen, Netgear Software: Windows 2k/XP, SSH, Linux, Checkpoint
Performance	Firewall throughput: 20 Mbps (LAN to WAN) VPN throughput (3DES): 6 Mbps (LAN to WAN)
Administration	User interface: Web based (IE or Netscape) Firmware management Logging: monitors and logs for general DoS patterns Alerting: Email (POP3) support DMZ: enables hosting of isolated server for public access DDNS: supports IP posting of dynamic DNS Factory reset: hard reset button (rear panel)
Fail-over	Includes RS-232 port for ISDN modem fall-back
Access control	Inbound and outbound filtering by URL, IP address, port application, packet type and MAC address
Number of users	253
Indicators	Power, status, WAN, serial, LAN link/activity (x 4)
Operating Environment	Operating Temperature: 0 - 55°C (32 - 131°F) Humidity: 0-95% non-condensing
Dimensions	201 x 151 x 44 mm
Power	Input: 120VAC, 60Hz Output: 12VDC Power Consumption: 1200mA
Regulatory Approval	FCC Class B, CE
Warranty	1 year, limited
<b>Model</b>	<b>BRG314-A</b>

\* Certain models have been tested. Check with SOHware for specific model compatibility results.

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