

myGuard™ 7500GL

802.11g **Security** ADSL Router

QoS, VPN, Firewall, Trend Micro powered services

- Billion centrally-guarded security gateway
- Trend Micro powered Vulnerability Assessment Service
- Trend Micro powered Security Services
 - Anti-Virus, Anti-Spam, and Parental Controls
- (subscription base, with 60-day FREE evaluation)
- 802.11g Wireless Access Point with Wi-Fi Protected
- Access
- Quality of Service Control for traffic prioritization and
- bandwidth management
- URL Content Filtering for Internet access policy
- High performance VPN connection
- SOHO Firewall Security with DoS prevention and SPI
- Ideal for residential and SOHO users



Trend Micro powered Vulnerability Assessment Service

After activation, Vulnerability Assessment service helps protect your PC and entire home network by security scanning weakness points then generating a security report. The report displays weakness points in your PC and advise you to focus your effort more effectively to prevent virus and other threats from damaging your PC.

Trend Micro powered Security Services --- Anti-Virus, Anti-Spam, and Parental Controls (subscription base, with 60-day FREE evaluation)^{Note}

On subscription base, with 60-day FREE evaluation, Trend Micro powered Security Services provide Anti-Virus, Anti-Spam, and Parental Controls. The former 2 features provide to protect your PC from potential virus infection and spam emails. For extra protection, upon browsing Internet, parents or caregivers can pre-define or block in User Interface the access to website categories, such as pornography, violence or others, a list which is dynamically updated by security service provider's server. To take advantage of full Trend Micro powered Security Services, users can purchase on-line to continue to use for one year.^{Note}

802.11g Wireless AP with WPA Support

The router integrated with 802.11g Wireless Access Point which broadens 802.11b's data transmission rates from 11Mbps to 54 Mbps within the 2.4 GHz frequency spectrum band. With backward compatibility, any 802.11b client wireless card is also compatible with the router. The router supports WPA feature, increasing the level of data protection and access control for Wireless LAN. It also offers quick and easy access among wired network, wireless network and broadband connection (ADSL) with single device simplicity.

High Performance of Virtual Private Network (VPN)

The router supports embedded VPN protocols, including PPTP client/server, IPSec (IKE, 3DES and AES) and L2TP within IPSec, for establishing a private encrypted tunnel over the public Internet to ensure transmission security between two or more sites. With built-in and hardware based DES/3DES accelerator, the router enhances the IPSec VPN performance significantly.

SOHO Firewall Security with DoS and SPI

Along with the built-in NAT natural firewall feature, the router also provides advanced hacker pattern-filtering protection. It can automatically detect and block Denial of Service (DoS) attacks. The router is built with Stateful Packet Inspection (SPI) to determine if a data packet is allowed through the firewall to the private LAN.

URL Content Filtering

By keying in keyword or domain name of websites, URL Content Filtering can help office administrators or families to restrict Internet browsing to selected websites. You can also set up schedule as when to activate URL Content Filtering. This feature is also tailored for organizations that have needs to control Internet access policy for productivity enhancement.

Note: Please contact Billion's sales representatives in your area to obtain purchase information for Trend Micro powered services.

Wireless-G Security ADSL Gateway

powered by Trend Micro

Feature & Specification

Trend Micro powered Vulnerability Assessment Service

- Security Scan for PC and entire home network
- Generate vulnerability reports
- OS requirement: MS Windows only

Trend Micro powered Security Services

- Virus Scan
- Spyware protection and spam email protection
- Parental controls via dynamical-updated database
- OS requirement: MS Windows only

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 and IGMP proxy
- POP3 (email account checking)

Virtual Private Network (VPN)

- Embedded IPSec & PPTP client/server
- IKE key management
- DES, 3DES and AES encryption for IPSec
- Embedded powerful 3DES accelerator
- MPPE Encryption for PPTP
- L2TP within IPSec
- Up to two simultaneous VPN tunnels
- L2TP/PPTP/IPSec pass-through

Firewall

- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- Prevent DoS attacks including IP Spoofing, Land Attack, Smurf Attack, Ping of Death, TCP SYN Flooding, etc.
- Packet filtering – port, source IP address, destination IP address, MAC address

URL Content Filtering

- URL blocking – string or domain name detection in URL string
- Block automatic download of Java Applets
- Prevent web surfing from directly using IP address
- Time schedule control

Wireless 802.11g

- Compliant with IEEE 802.11g and 802.11b standards
- 2.4 GHz – 2.484G Hz frequency range
- Up to 54 Mbps wireless operation rate
- 64/128 bits WEP supported for encryption
- WPA support



Quality of Service Control

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

ADSL Compliance

- Compliant with ADSL Standards
 - Full-rate ANSI T1.413 Issue 2
 - G.dmt (ITU G.992.1)
 - G.hs (ITU G.994.1)
 - ADSL over ISDN/U-R2
- Compliant with ADSL2 Standard (optional)
 - G.dmt.bis (ITU G.992.3)

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

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
- Firmware upgradeable to ADSL2 standard
- Embedded Telnet server for remote and local management
- Available Syslog monitoring
- SNMP v3, MIB-I and MIB-II supported
- Support DHCP server/client/relay

Hardware Specification

Physical Interface

- WLAN: one detachable antenna
- WAN: ADSL port
- Console: PS2/DB9 connector
- LAN: 4-port 10/100M auto-crossover (MDI/MDI-X) Switch
- Factory default reset button
- Power jack
- Power switch

Physical Specification

- Dimensions: 8.27" x 5.83" x 1.42"
(210mm x 148mm x 36mm)

Power Requirement

- Input: 12VDC, 1A

Operating Environment

- Operating temperature: 0 ~ 40 °C
- Storage temperature: -20 ~ 70 °C
- Humidity: 20 ~ 95% non-condensing

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