

myGuard 7202G

802.11g Security ADSL2+ Router

Billion's myGuard 7202G series with 802.11g Wireless access option is an all-in-one value-added pack of ADSL2+ router which is perfectly designed for users to enjoy rich security, mobility, and faster speed when using ADSL Internet connection. The Router lets you access high-speed ADSL Internet connection, even faster with advanced ADSL2+ capability with downstream up to 24Mbps. Rich security features include Firewall, support Virtual Private Network pass-through, as well as add-on functions such as Anti-virus, Anti-spam, Parental Control** to provide extra network protection. Quality of Service feature enables smooth net connection of inbound and outbound data without concern of traffic congestion.



- Faster-speed Internet Access with ADSL, capable of ADSL2+
- Quality of Service Control for Traffic Prioritization and Bandwidth Management
- 802.11g Wireless Access Point with WPA Support
- SOHO Firewall Security with DoS Prevention and SPI
- Added value: Security Scan, Anti-virus, Anti-spam, Parental Controls, Anti-hacker, Anti-spyware, and Privacy Protection (60-day FREE trial, powered by Trend Micro)**
- Easy Network Management
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Support Virtual Private Network (VPN) pass-through
- Web-base Configuration, Management and Firmware Upgrade
- Ideal for Home and SOHO Users

Benefits

Express Internet Access

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

Smooth and Responsive Data Communication

Quality of Service (QoS) gives you full control over the outgoing data traffic. Priority can be given by the router to ensure important data like gaming packets, customer information, or management information move through the router at lightning speed, even under heavy load. You can also control the speed at different type of outgoing data passed through the router to ensure that users do not saturate the bandwidth and browsing activities.

Firewall Security

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.

Mobility and Protection

With integrated 802.11g Wireless Access Point in the router, the device offers a quick and easy access and mobility to the users among wired network, wireless network, broadband connection (ADSL). In addition to 54 Mbps 802.11g data rate, it is also backward compatible 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.

Value-Added Security - Trend Micro Home Network Security (60-day FREE trial, then subscribe online)** --- Security Scan, Anti-Virus, Anti-Spam, Parental Controls, Anti-Hacker, Anti-Spyware, and Privacy Protection

Security Scan helps evaluate vulnerability in every PC of your entire home network then generates a security report which displays weakness points in your PC. This value-added security service also blocks viruses, hackers, spyware, and other Internet security threats. Parental Controls allow parents or caregivers to pre-define URL categories in Graphic User Interface to block the access to unwanted websites, such as pornography, violence or others, which is a list dynamically updated by security service provider. After completing 60-day free trial period, users can choose to subscribe Trend Micro powered services on-line.

** Trend Micro powered service is on fee-base. Please contact Billion's authorized distributors in your country to subscribe the service.

Feature & Specification

Trend Micro powered Services **

Trend Micro Home Network Security

- Security Scan for PC and entire home network
- Generate vulnerability reports
- Support up to 10 PCs
- Anti-Virus, Anti-Spam, Parental Controls, Anti-Hacker, Anti-Spyware, and Privacy Protection
- Virus Scan
- Spyware protection and spam email protection
- Parental controls via dynamical-updated database

Operating System Requirements

- Microsoft™ Windows™ XP SP1 and SP2
 - Windows 98 or 98 SE, Windows Me
 - Windows 2000 Professional SP3 or above
- (For more details, please visit www.billion.com)

ADSL Compliance

- Compliant with ADSL Standard
 - Full-rate ANSI T1.413 Issue 2
 - G.dmt (ITU G.992.1)
 - G.lite (ITU G.992.2)
 - G.hs (ITU G.994.1)
- ADSL over ISDN/U-R2
- Capable of ADSL2 Standard
 - G.dmt.bis (ITU G.992.3)
- Capable of 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 and IGMP proxy

Firewall & Virtual Private Network (VPN)

- 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 - string or domain name
- Password protection for system management
- VPN pass-through

▼ Application Diagram (myGuard 7202G)



Quality of Service Control

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

Wireless 802.11g

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

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)
- 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/ADSL2+ standards
- Embedded Telnet server for remote and local management
- Available Syslog monitoring
- Support DHCP server/client/relay
- SNMP v3, MIB-I and MIB-II support

Operating Environment

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

Hardware Specification

Physical Interface

- WLAN: one detachable antenna (myGuard 7202G only)
- LINE: ADSL port
- LAN: 4port 10/100M auto-crossover (MDI/MDI-X) switch
- Factory default reset button
- Power jack
- Power Switch (myGuard 7202G only)

Physical Specification

- (myGuard 7202G) Dimensions:
7.09" x 4.72" x 1.57"
(180mm x 120mm x 40mm)

Power Requirement

- Input: 12V DC, 1A

All the specifications are subject to changes without prior notice.

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