

## GL2454-RTI

### 54Mbps Wireless Security Router IEEE802.11g AP, Firewall and VPN Built-In



#### FEATURES

- Complies to IEEE 802.11g and 802.11b Wireless LAN Standards
- Complies to IEEE802.3 and 802.3u 10/100Mbps Fast Ethernet Standards
- 64/128-bit WEP wireless LAN security function
- Advanced firewall function to protect network from hacker attack or intruders
- Supports up to five hardware VPN tunnels for private network security on the internet
- Up to 54Mbps Wireless LAN data rate and auto-fallback for longer wireless distance
- Auto-sensing LAN speed and full duplex mode with auto-MDI/MDI-X RJ-45 ports
- Up to 253 users with one IP address to access the Internet over your entire network
- DHCP Server and client function for easy setup and IP address maintenance
- Complete TCP/IP functions to meet various Internet applications
- Easy to use Web browser interface for management and firmware upgradeable
- Worry free wireless radio frequency 2.4GHz unlicensed ISM band

#### OVERVIEW

The 54Mbps wireless security router is suitable for multiple users to share one broadband connection, as well as secures your private network. With its built-in 4-port switch and IEEE 802.11g wireless AP, LAN users can share files, printers, or playing network games all at a blazing speed.

This router also provides full IPSec Virtual Private Network (VPN) capability. It provides data encryption, authentication and key management. With build-in powerful advance firewall engine, you can have DoS attack prevention, SPI, restriction of accessing inappropriate web site, and set Internet accessing time schedule.

The 54Mbps Wireless Security Router is compatible to IEEE 802.11g and IEEE 802.11b standards. Wireless network security is ensured by standard WEP security. The 2.4GHz 802.11g/b Wireless Broadband Router provides wide range wireless coverage and unbeatable performance and is the one product that brings the broadband and wireless network to completeness.

**SPECIFICATIONS**

<b>Wireless LAN Specifications</b>	
Standards	Wireless: IEEE 802.11b, 802.11g Ethernet: IEEE 802.3/u (10/100BaseTX)
Data Rate	802.11g: Up to 54Mbps (6/9/12/18/24/36/48/54) 802.11b: Up to 11Mbps (1/2/5.5/11)
Antenna type	2dBi Dipole Antenna Detachable reverse SMA connector
Emission Type	Direct Sequency Spread Spectrum (DSSS)
RF Frequency	2412 ~ 2462 MHz (North America) 2412 ~ 2472 MHz (General Europe) 2412 ~ 2484 MHz (Japan)
Radio Channel	1 ~ 11 channels (North America) 1 ~ 13 channels (General Europe) 1 ~ 14 channels (Japan)
Output Power	16 ~ 18 dbm (typical)
Sensitivity for 802.11b	1, 2 Mbps (BPSK): - 90 dBm 5.5 Mbps (QPSK): - 86 dBm 11 Mbps (CCK): -82 dBm (typically @PER < 8% packet size 1024 and @25 +/- 5 )
Sensitivity for 802.11g	54 Mbps: -72 dbm 48 Mbps: - 72 dbm 36 Mbps: -76 dbm 24 Mbps: -79 dbm 18 Mbps: -82 dbm 12 Mbps: -86 dbm 9 Mbps: -89 dbm 6 Mbps: -90 dbm (typically @PER < 8% packet size 1024 and @25 +/- 5 )
Frequency Stability	Within +/- 25 ppm

<b>Software Specifications</b>	
Basic Functions	Routing TCP/IP/UDP/ARP/RARP/ICMP 802.1D bridging DHCP Server for LAN ports DHCP Client for WAN port NAT/PAT (Basic Firewall) DNS relay DDNS (Dynamic DNS)
Log in	PPPoE embedded client
Port Forward	IP Forwarding (Virtual Sever) with port trigger DMZ Hosting Multiple DMZ Hosting
Access Control	IP Filtering (IP & Port) ToD Filtering
Routing support	Dynamic Routing Static Routing RIP v1/v2
Management	HTTP Server/Web Config Pages Software Upgrade Logging Status Monitor Remote Management MTU Change Multicast Passthrough Block WAN Request MAC Address Cloning Password Setting Reset Device Set Factory Default SNMP
VPN Support	Maximum five VPN tunnels DES/3DES encryption MD5/SHA authentication IKE or manually key management Perfect Foward Secrecy (PFS) Connection Status

Advanced Firewall	Dos attack prevention SPI (Stateful Packet Inspection) Block Cookies, Java, Java script, ActiveX Inappropriate URL command line filter Set Internet accessing time schedule
Wireless Control	Roaming WEP 128-Bit Wireless MAC Addresses Control

Hardware Specifications	
Standard Compliance	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.11g IEEE 802.11b
Interface	WAN: One 10/100Base-T/TX RJ-45 ports LAN: Four 10/100Base-T/TX RJ-45 ports Wireless Access Point One reset button for factory default setting
Chipset	CPU: Samsung S3C2510 Wireless: Intersil 802.11b/g RF Module (GT)
LED Display	System: Power, Diag WAN, LAN: Link/Activity, 10/100M WLAN: Enable/Activity
Installation	Desktop Wall mounting
Dimension	122 (L) x 175 (W) x 31 (H) mm
Certification	EMI/EMC: FCC Class B, CE Mark
Environmental	Operating Temperature: 0° ~ 45 (32° ~ 113 ) Storage Temperature: -20° ~ 60 (-4° ~ 140 ) Humidity: 0 ~ 90% non-condensing
Power	External power adapter, 12VDC, 1A

#### ORDERING INFORMATION

Model	Description
GL2454-RTI	54Mbps Wireless Security Router

*EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.*

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