

# ZyXEL



## Share high speed bandwidth with complete firewall in a single box

- Complete and advanced firewall protection
- Secured wireless connection with powerful data encryption
- Built-in PEAP server for easy WPA-Enterprise deployment
- High speed wireless connection up to 54 Mbps



### Benefits

#### Advanced firewall

ZyXEL G-2000 Plus features an advanced firewall to protect your small office. With robust features like DoS prevention, Stateful Packet Inspection (SPI), and full policy packet prevention, you can be assured that your network is safe from Internet attacks. The G-2000 Plus firewall also offers unmatched flexibility, allowing you to create LAN to LAN and WAN to WAN rules in addition to the LAN to WAN and WAN to LAN.

#### Powerful wireless security

The built-in PEAP server allows you to secure your wireless network using full enterprise grade WPA encryption and authentication. Now you no longer need to purchase an expensive and hard to configure RADIUS server to get the full benefits of WPA. The built-in web GUI makes it simple to setup maintain up to 32 wireless users.

In addition, the G-2000 Plus supports other popular wireless security techniques including 128-bit WEP, WPA-PSK, and 802.1x. Let ZyXEL's powerful security protect your wireless data.

#### Instant network infrastructure

Taking advantage of the plug-and-play features, users can build a local area network instantly with this all-in-one broadband-sharing router. Boasting a 4-port switch and 802.11g wireless connectivity, the G-2000 Plus can easily connect all your PCs and LAN devices to share a broadband access. To create or extend a network in no time, the G-2000 Plus is a ideal one-for-all solution.

#### High performance

The G-2000 Plus supports the 54 Mbps 802.11g standard, five times faster than the older 802.11b. Its amazing throughput raises the bandwidth bar and empowers data, voice and video transmission to take place concurrently, making an even richer application set possible in home and office environments.

802.11g Wireless  
4-port Broadband Router

G-2000 PLUS



# WIRELESS



## Specifications

### Standard Compliance

- ▶ IEEE 802.3/3u
- ▶ IEEE 802.11b/g

### Radio

- ▶ Frequency: 2.4~2.4835GHz
- ▶ Modulation Type: OFDM/DSSS, BPSK, QPSK/CCK
- ▶ Channels: USA (Channel 1~11)/ Europe (Channel 1~13)/ Japan (Channel 1~14)
- ▶ Coverage Range: indoor up to 100m/ outdoor up to 400m
- ▶ Antenna: 2 dBi omni detachable antenna
- ▶ 11b transmission power:  $17 \pm 1$  dBm
- ▶ 11g transmission power:  $14 \pm 1$  dBm

### Performance

- ▶ Wired Data Rates: 10/100Mbps Auto-sensing (full-duplexing switch)
- ▶ Wireless Data Rates: 54, 48, 36, 24, 18, 12, 9 and 6Mbps

### Security

- ▶ Built-in WPA compliant 32-account PEAP Server
- ▶ IP/Port/MAC Address Forwarding Filtering
- ▶ SPI & DoS Prevention
- ▶ Full policy packet prevention
- ▶ Web content filtering via URL blocking
- ▶ 128-bit WEP data encryption and WPA support
- ▶ 802.1x authentication with MD5/TLS/TTLS/PEAP
- ▶ E-mail alert

### Hardware

- ▶ WAN: 10/100Base-T full duplex RJ-45 x 1 (with auto MDI/MDIX support)
- ▶ LAN: 10/100Base-T full duplex RJ-45 x 4 (with auto MDI/MDIX support)
- ▶ Power Supply: 12V DC, 1.25A
- ▶ Reset: One reset button

### Physical

- ▶ Dimensions: 213(L) x 167(D) x 36(H)mm
- ▶ Weight: 470g

### Environmental

- ▶ Operating Temperature: 0°C to 50°C
- ▶ Humidity: 20% to 95% (non-condensing)

### Certifications

- ▶ FCC, CE, Wi-Fi

For more product information, visit us on the web [www.ZyXEL.com](http://www.ZyXEL.com)

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