ZyAIR G-2000
802.11g Wireless 4-port Router

The ZyAIR G-2000 wireless 4-port router delivers a highly secure, reliable, and easy-to-use wireless LAN solution for SOHO and advanced users. A wireless Access Point, 10/100 Mbps 4-port switch, Network Address Translation (NAT) and true Firewall features ensure maximum network security and efficiency, as well as minimal investment and maintenance costs. Compatible with the IEEE 802.11g wireless standard, data transmission can reach speeds up to 54Mpbs, 5 times faster than current 802.11b wireless networks.

The ZyAIR G-2000 is a powerful product that offers the features and qualities of business-class wireless gateway, while maintaining a competitive price. Users can now benefit from high-quality, secure wireless networking with a minimal investment.

Benefits

All-in-One
The ZyAIR G-2000 integrates a wireless Access Point, 4-port 10/100Mbps switch, NAT router, and 2 variable antennas into one compact unit. The full feature set of the ZyAIR G-2000 allows a multiple-user connection to the Internet by using a single IP address and enhances network efficiency and access. Users can immediately benefit from the rich features of the ZyAIR G-2000 while avoiding the added costs of running Ethernet cables.

High Performance and Better Radio Coverage
Compliance with the IEEE 802.11g wireless standard allows for data transmission speeds of up to 54Mbps, 5 times faster than 802.11b, the most widely deployed wireless standard. Meanwhile, the ZyAIR G-2000 is also compatible with the IEEE 802.11b wireless standard, which ensures maximum interoperability with other 802.11g and 802.11b-compliant devices.

Robust Security
Based on Stateful Packet Inspection, Denial of Service (DoS), and Attack Alert, the ZyAIR G-2000 provides secure firewall protection, a common first line of defense against hackers, network intruders, and other hazardous threats. With state-of-the-art Wi-Fi Protected Access (WPA), IEEE 802.1x user authentication and WEP Key encryption, the ZyAIR G-2000 ensures that a user's data remains safe while being delivered through the 802.11g wireless media waves.

User-friendly Installation & Configuration
The ZyAIR G-2000's easy-to-use installation guide and intuitive web-based configuration tool allow users to launch a network in minutes. The ZyAIR G-2000 is powerful enough to satisfy the most demanding network operator while remaining simple enough even for user without networking deployment experience.

Seamless Link Quality Around Home and Business Office
The ZyAIR G-2000's variable, high-powered antenna provides seamless coverage throughout a wireless LAN infrastructure and allows users to share network resources and equipment with high link quality. Efficient network access can be enjoyed anytime and anywhere.

ZyXEL
Unleash Networking Power

Features

- IEEE802.11g/b compliance and provides transmission data rate of up to 54Mbps
- Firewall security with SPI, DoS and Email alert protect your Internet resources from intruder
- DHCP Server/Client support
- PPPoE Support
- 64/128-bit WEP encryption and 802.1x authentication with MD5, TLS, TTLS and PEAP pass-through provides most security options and WPA support
- Content filtering to block potential harmful web content by URL blocking
- UPnP support
- Ease-of-use web-based configuration

Specifications

Technical Specification
- Standard
  - IEEE 802.3 and 802.3u 10Based-T and 100Based-TX
  - IEEE 802.11g standard compliant
- Media Access Procotol: IEEE 802.11g & IEEE 802.11b
- Frequency: 2.4 ~ 2.4835GHz (Industrial Scientific Medical Band)
- Channels:
  - USA (1~11 Channel)
  - Europe (1~13 Channel)
  - Japan (1~14 Channel)
- Data Rate: 54Mbps/48Mbps/36Mbps/24Mbps/11Mbps/5.5Mbps/2Mbps/1Mbps

- Modulation Technique: OFDM/DSSS, BPQSK, QPSK/CCK
- Coverage Area:
  Indoor: 100Mbps
  Outdoor: 400Mbps

Hardware Specification
- Four port 10/100Base-T RJ-45 Ethernet switch
- Reset: Reset all settings to factory default settings
- Antenna: Two 2dBi omni detachable Antenna
- Power Requirements: 12VDC, 1.25 Amp

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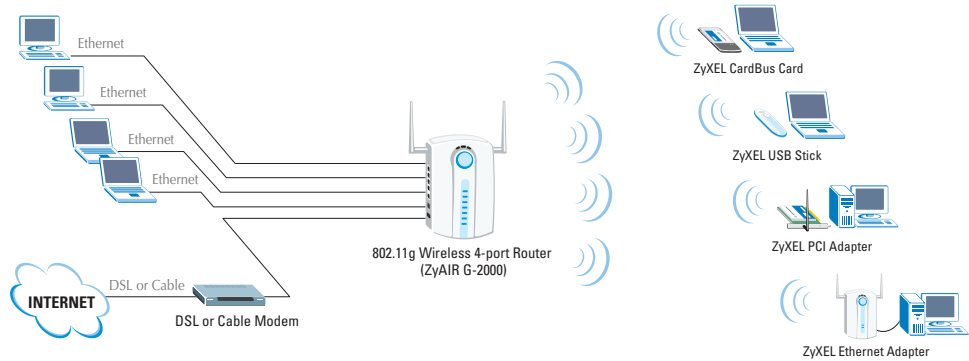- Dimensions: 213(L) x 167(D) x 36(H) mm
- Weight: 470g

Operating Environment
- Temperature: 0 ~ 50ºC
- Humidity: 20 ~ 95%

System Requirement
- Broadband (cable, DSL, satellite or wireless) Internet service and modem with Ethernet RJ-45 connector
- Ethernet connection (adapter or cable)
- Windows, Mac or Linux based operating system
- Internet Explorer 4.0 or later

Application Diagram

Connectors

65-100-000708