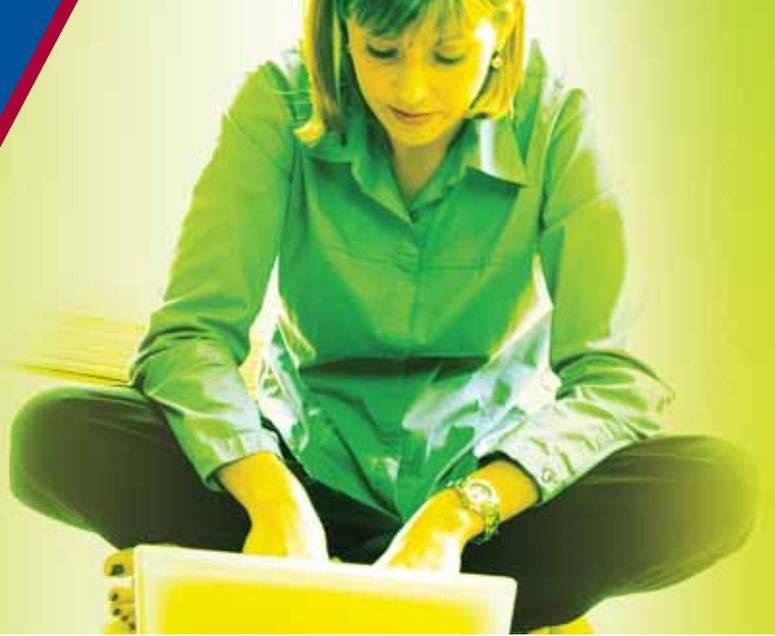


ZyXEL



Detect and Connect, Instantly

The ZyXEL AG-225H is the ultimate tool for today's road warrior. It combines a 802.11a/b/g USB 2.0 adapter with a fully functional stand-alone hotspot detector in a sleek device small enough to fit in your pocket.



Benefits

Hotspot Finder

The ZyXEL AG-225H makes it easy to find a wireless hotspot when you are on the road. The dual-band tri-mode USB adapter is equipped with a high contrast LCD screen and built-in LiON battery, which allows you to scan the environment for hotspots without being attached to your notebook computer.

From the graphic LCD display, users can scroll through hotspots to view information such as SSID, encryption requirements, signal strength, band used, and channels used.

Dual-Band Wireless Client

Due to the dual-band tri-mode nature of the AG-225H, you can easily add support for 802.11a, 802.11b, and 802.11g wireless networking standards to your desktop or laptop computer. Support for World Wide Radio (WWR) ensures no matter where you are, you will be able to interoperate with the local Wi-Fi networks. In dual-band environments, intelligent software constantly monitors the wireless connection and will change bands to avoid interference and maintain high throughput levels.

Enhanced Wireless Security

In addition to the basic 64/128-bit WEP encryption, the AG-225H features the latest wireless security mechanisms to protect your network with 802.1x authentication and WPA/WPA2. These enhanced security functions allow only authorized users to access the network, thus further protecting your data from being tapped during wireless transmission.

Turn Your Laptop into an Access Point

Not only does the AG-225H act as a hotspot finder and a client adapter, it can also turn your computer into an instant wireless access point. Perfect for conference rooms, meeting rooms, and hotels where you have one wired network connection, but multiple computer users.

802.11a/b/g Wi-Fi Finder &
USB Adapter

AG-225H



WIRELESS



Specifications

Standard Compliance

- IEEE 802.11a, 802.11b, 802.11g

Application

- Wireless access for Desktop/Notebook PC
- Wi-Fi finder for road warriors and hotspot users
- Wireless Internet sharing as software Access Point

Frequency Range

- 802.11b/g: 2.4 ~ 2.4835GHz
- 802.11a: 5.15 ~ 5.25GHz
- 5.25 ~ 5.35GHz
- 5.470 ~ 5.725GHz (CE only)
- 5.725 ~ 5.825GHz (FCC only)

Data Rate (Automatic Fallback)

- 802.11b: 11M/5.5M/2M/1Mbps
- 802.11g: 54M/48M/36M/24M/18M/12M/9M/6M
- 802.11a: 54M/48M/36M/24M/18M/12M/9M/6M

RF Output Power

- 802.11b: 18dBm @11Mbps
- 802.11g: 15dBm @54Mbps
- 802.11a: 14dBm @54Mbps

Modulation Technique

- DBPSK/DQPSK/CCK/OFDM

Network Architecture

- Infrastructure
- Ad-Hoc (FCC only)

Security

- 64/128-bit WEP Encryption, WPA and WPA2

Hardware Specifications

- Host Interface: USB 2.0
- Antenna: Internal Antenna

Physical Specifications

- Dimensions: 247(W) x 61(D) x 155(H) mm
- Weight: 35g

Environmental Specifications

- Temperature: 0°C ~ 40°C
- Humidity: 10% ~ 70%

System Requirement

Notebook or PC with the Pentium II

- 300 MHz or compatible above
- Minimum 32MB RAM (64MB Recommended)
- A minimum of 20MB available hard disk space
- A CD ROM drive
- USB Type A slot (V2.0/V1.1 Comparable)
- Microsoft Windows XP/2000
- A wired LAN connection is required to use Soft-AP mode