ZyXEL

ZyXEL AG-225H

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

- Function Hotspot Finder and USB 2.0 Wireless USB Adapter in an enclosure
- Fully compliant with both IEEE 802.11a, 802.11b and 802.11g at 2.4GHz and 5GHz wireless LAN frequency
- Support software access point mode
- Support LCD screen with complete site survey information
- Support more than 300 individual scans before needing to recharge the battery
- Enhanced wireless security (WEP, WPA and WPA2)
- USB 2.0 support for full 802.11a/b/g speeds
- Stylish, compact, light weight size with friendly user interface
- Built-in rechargeable battery with auto-charging through USB host port
- Support WEP, WPA and WPA2
- Wi-Fi and WHQL Certified

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

AG-225HG

Benefits

Does Everything

The ZyXEL AG-225H is the ultimate tool for the 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 into any pocket.

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, allowing you to scan the environment for hotspots without needing to be attached to your notebook computer. The LiON battery allows you to perform hundreds of scans, while the tri-mode nature of the AG-225H ensures you will find all hotspots, whether 802.11b, 802.11g, or 802.11a based.

ZyXEL's AG-225H supports graphical LCD display with readable and complete site survey information, such as Signal Strength, Security and encryption, Operation Channel, Radio Band and SSID. Users can scroll through all found 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 existing computer or laptop. Support for World Wide Radio (WWR) ensures no matter what country your are in, 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, ZyXEL wireless network adapter features the latest, enhanced wireless security mechanisms to protect your network with 802.1x authentication and Wi-Fi Protected Access (WPA) and WPA2. These enhanced security functions only allow authorized users to access the network and thus further protect your data from being tapped during wireless transmission.

Turn Your Laptop Into a Access Point

Not only does the AG-225H act as a hotspot finder and a client adapter, it can also turn your computer in an instant wireless access point. Perfect for conference rooms, meeting rooms, and hotels where you have 1 wired network connection, but multiple computer users. Simply plug your computer into the Ethernet port, and your AG-225H into your computer, and no everyone can share that network connection wirelessly.

ZyXEL

Specifications

Standard Compliance	IEEE 802.11a, 802.11b, 802.11g
Application	- Wireless access for Desktop/Notebook PC - Wi-Fi finder for road warriors and hot spot user - Wireless Internet sharing as software Access Point
Frequency Range	802.11b/g: 2.4-2.4835GHz 802.11a: 5.15-2.25GHz 5.25-2.35GHz 5.725-5.825Ghz
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
Power Output	802.11b: 18dBm @ 11Mbps 802.11g: 15dBm @ 54Mbps 802.11a: 14dBm @ 54Mbps
Modulation Technique	DBPSK/DQPSK/CCK/OFDM
Network Architecture	Infrastructure & Ad-Hoc
Security	64/128-bit WEP Encryption , WPA and WPA2
Host Interface	USB 2.0
Antenna	Internal Antenna
System Requirement	Notebook or PC with the Pentium II - 300Mhz 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 - Mac OS X **"ver 10.3 and higher"** - A wired LAN connection is required to use Soft-AP mode

For more product information, visit us on the web www.us.ZyXEL.com

264856 - 06092005