

ZyXEL



Smart Auto-detection for Instant Connection



- IEEE 802.11 a/b/g compliance (2.4GHz and 5GHz radio bands)
- Supports software AP mode for Internet connection sharing
- Displays detailed wireless site survey information (SSID, channel, and security) on the LCD
- Supports LCD backlight
- Enhanced wireless security with WEP, WPA and WPA2
- Built-in rechargeable LiON battery charged via the USB port

Benefits

Hotspot Finder

ZyXEL AG-225H v2 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 with backlight and built-in LiON battery, which allows you to scan the environment for hotspots without being attached to your notebook computer.

LCD Status Display

The LCD screen displays detailed site survey information for easy reading. In addition, users can scroll through the screens to view network 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 v2, 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 64/128/256-bit WEP encryption, the AG-225H v2 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 v2 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/g Wi-Fi Finder &
USB Adapter

AG-225H v2



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

- 64/128/256-bit WEP Encryption, WPA and WPA2

Hardware Specifications

- Host Interface: USB 2.0
- Antenna: Internal Antenna

Physical Specifications

- Dimensions: 99 (W) x 32 (D) x 16 (H) mm
- Weight: 36g

Environmental Specifications

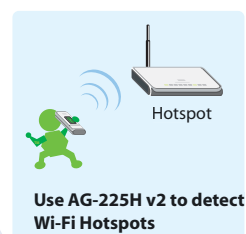
- Temperature: 0°C ~ 50°C
- Humidity: 10% ~ 70%, non-condensing

System Requirements

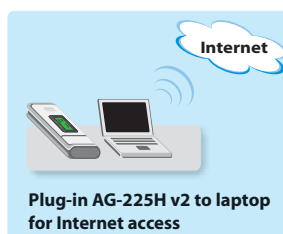
- Intel-compatible Pentium II 300 MHz or higher
- 32 MB RAM (64MB Recommended)
- A minimum of 20MB available hard disk space
- A CD-ROM drive
- A USB port (V2.0/V1.1)
- Microsoft Windows XP/2000

Application Diagram

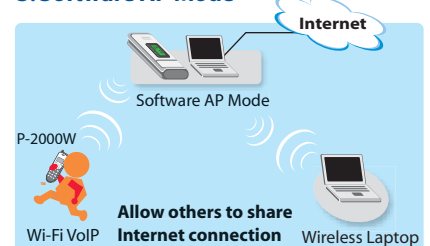
1. Wi-Fi Finder Mode



2. Client Adapter Mode



3. Software AP Mode



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

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