

ZyXEL



High Power Wireless Adapter for Multimedia Applications



- **802.11b/g High Power Wireless Connectivity**
- **Seamless Connection among APs**
- **Advanced wireless security transmission with WEP encryption and WPA/WPA2 support**
- **5dBi Detachable Antenna**

Benefits

High Power Wireless Connectivity

The ZyXEL G-320H 802.11g Wireless High Power PCI Adapter has an extended range over standard 802.11g clients, and users will experience dramatic quality and throughput improvement to their wireless networks. No matter you are upgrading the existing wireless LAN or just getting started, the High Power Wireless solution gives the perfect answer for those who need to extend wireless coverage and eliminate dead spots.

Enhanced Wireless Security and Privacy

In addition to the basic 64/128/256-bit WEP encryption, new wireless security mechanisms such as 802.1x authentication and Wi-Fi Protected Access Pre-Shared Key (WPA-PSK/WPA2-PSK) are employed by the G-320H to enhance network protection. These refined security measures allow only authorized users to access the network in order to protect data from being tapped during wireless transmissions.

Enhanced Multimedia Support

The WMM (Wi-Fi Multimedia) technology employed by the G-320H enables multimedia applications to secure the largest bandwidth share on a wireless network. Complying to the IEEE 802.11e WLAN QoS draft standard, the G-320H will improve your Internet experience from plain data transmission to rich multimedia enjoyment without waiting.

Easy Installation with Automatic Multilingual Interface

The auto setup wizard helps you install and setup wireless connections without hassle. The intuitive user interface guides you through the configuration process with the language of choice, or automatically switches to the language corresponding to the Windows regional setting.

802.11g Wireless PCI Adapter

G-320H



WIRELESS

Specifications

System Specification

- IEEE 802.11b/g compatible
- Wire-free access to networked resources from anywhere beyond the desktop
- Delivers data rate up to 54 Mbps
- 801.11g: Dynamically shifts between 54, 48, 36, 24, 18, 12, 9 and 6 Mbps network speed, based on signal strength, for maximum availability and reliability of connection
- 802.11b: Dynamically shifts between 11M, 5.5M, 2M, and 1 Mbps network speed, based on signal strength, for maximum availability and reliability of connection
- Allows users move between Access Points without resetting their connection reconfiguration
- External antenna to guarantee best receiving quality
- Uses 2.4GHz frequency band, which complies with worldwide requirement
- Supports most popular operating systems: Window 2000/XP/XP 64-bit Edition
- Ensures great security by providing the 64/128/256 bits Wired Equivalent Privacy (WEP) defined in the IEEE 802.11g standard

- 802.11i standards support
- Support 802.1x authentications
- WPA & WPA2 support with Utility
- Support Software AP
- Support Power Saving mode
- WMM support

Hardware Specifications

- Operation Voltage: DC 3.3V
- Antenna: One 5dBi detachable dipole external antennas

Physical Specifications

- Dimensions: 120 (W) x 80 (D) x10 (H) mm
- Weight: 123 g

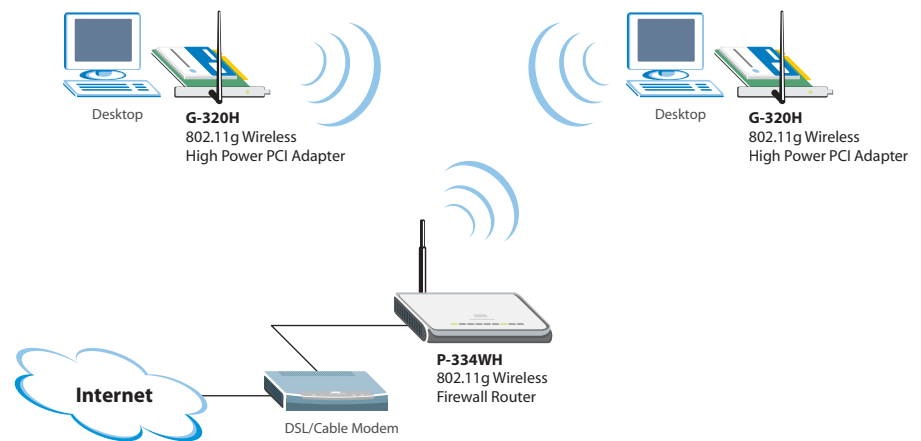
Environmental Specifications

- Operating Temperature: 0°C ~ 50°C
- Operating Humidity: 20% ~95% Non-condensing

Certification

- FCC/Recycle/Russia Logo/RoHS

Application Diagram



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

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