

ZyXEL



Wireless Connection: Simple, Secure, Stylish



- **WPA2 for Enhanced Wireless Security**
- **One-Touch Intelligent Security (OTIST) for Quick Wireless Security Setup**
- **Compact, Stylish Design**
- **Support PSP X-LINK**

Benefits

Plug-and-play Wireless Client with Soft AP Function

ZyXEL's G-220 v2 Dual Mode Wireless USB Adapter integrates the client and AP functions into one single device. Connect your desktop or notebook to a high-speed wireless network without hassle or instantly set up an Access Point with the built-in soft AP feature. Simply plug the adapter into a PC and the wireless network is established. The G-220 v2 is the most compact Access Point on the market.

Ensure the Most Stringent Wireless Security

In addition to basic 64/128/256-bit WEP encryption, the G-220 v2 features the latest wireless security mechanisms such as Wi-Fi Protected Access 2 (WPA2), WPA, and 802.1x authentication. These enhanced security features allow only authorized users to access the network, thus protecting your data from being tapped during wireless transmission.

OTIST for Easy Secure Wireless Setup

Designed for easy configuration, the One-Touch Intelligent Security (OTIST) technology is a simple way to automatically establish the highest level of security between two ZyXEL OTIST-enabled wireless devices.

PSP X-LINK for PSP Player

The G-220 v2 supports PSP X-LINK that allows your PSP to connect to or establish an online community for multi-player games.

802.11g Wireless USB 2.0 Adapter

G-220 v2



WIRELESS

Specifications

Network Standard

- IEEE 802.11g/b compliance

Modulation

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

Operating Frequency

- USA (FCC) 11 Channels: 2.412GHz ~ 2.462GHz
- Europe (ETSI) 13 Channels: 2.412GHz ~ 2.472GHz
- Japan 13 channels: 2.412GHz ~ 2.484GHz

RF Output Power

- 17dBm @11M, typical +/-1.5dBi
- 14dBm @54M, typical +/- 2dBi

Receiver Sensitivity

- 85 dBm @11M, CCK
- 70 dBm @54M, OFDM

Coverage Area

- Indoor:
 - 9.5M@54Mbps, 25M@24Mbps, 55M@6Mbps,
 - 37M@11Mbps
- Outdoor:
 - 60M@54Mbps, 70M@48Mbps, 80M@36Mbps,
 - 120M@ (24/18/12/9/6Mbps), 80M@11Mbps,
 - 120M@5.5Mbps, 200M@2Mbps, 300M@1Mbps

Security

- 64/128/256-bit WEP Encryption
- WPA (Wi-Fi Protected Access)
- WPA2 (Wi-Fi Protected Access 2)

Interface

- USB 2.0 compatible

Power Consumption

- TX power consumption: < 380 mA
- RX power consumption: < 200 mA

Voltage

- 5V

Physical Specifications

- Dimensions: 95 (L) x 30 (M) x 16 (H) mm
- Weight: 25.8 g

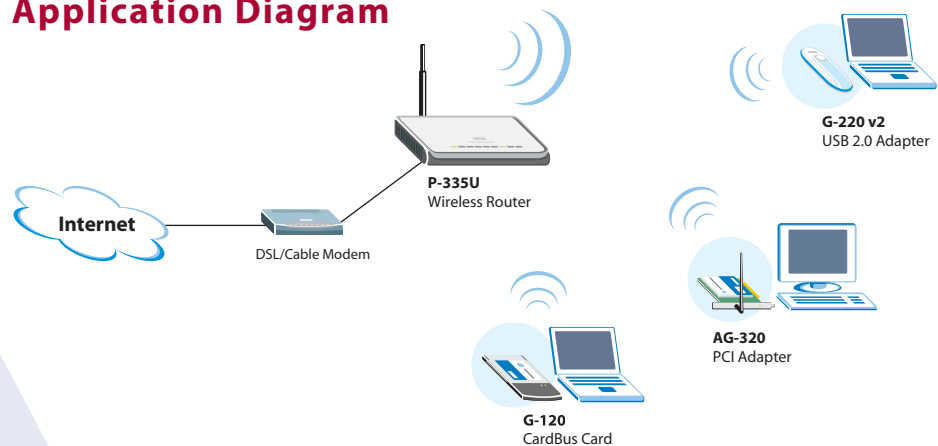
Environmental Specifications

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

Certification

- CE, FCC, C-Tick, Wi-Fi, WHQL

Application Diagram



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

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