

ZyXEL



Super Wireless Security and Transmission Rate with Effortless Installation



- The wireless Super G technology doubles standard IEEE 802.11g data rate to up to 108Mbps
- OTIST: ZyXEL's exclusive One-Touch Intelligent Security Technology saves you time and effort in setting up wireless network security
- Wi-Fi Protected Access 2 (WPA2), WPA, and 64/128/152-bit WEP Encryption features ensure wireless data security

Benefits

High Transmission Speed with USB 2.0 and IEEE 802.11g Wireless Standard

ZyXEL G-270S is a wireless USB adapter compatible with IEEE 802.11g wireless standard. Using ZyXEL's wireless Super G technology with other compatible ZyXEL wireless Super G devices, the ZyXEL G-270S is capable of transmitting at up to 108Mbps - twice the speed of the standard IEEE 802.11g. For easy and efficient setup, you can connect the ZyXEL G-270S to either a USB 1.1 or 2.0 port to conveniently access network resources (such as the Internet).

Enhanced Wireless Security

In addition to basic 64/128/152-bit WEP data encryption, ZyXEL wireless network adapters feature the latest, enhanced wireless security mechanisms such as Wi-Fi Protected Access 2 (WPA2), WPA, and 802.1x authentication. These enhanced security features better control user network access and thus further protect your data from being tapped during wireless transmission.

Ease-of-Use

The ZyXEL G-270S is designed with user-friendliness in mind. With ZyXEL's exclusive One Touch Intelligent Security Technology (OTIST), now you can automatically establish the highest level of security between two ZyXEL OTIST-enabled wireless devices with simple mouse clicks.

802.11g Wireless USB 2.0 Adapter

G-270S



WIRELESS



Specifications

Wireless Standard

- IEEE 802.11g/b compliance Data Rate

Modulation

- 802.11g: *108, 54, 48, 36, 24, 18, 12, 9, 6 Mbps
- 802.11b: 11, 5.5, 2, 1 Mbps

Operating Frequency

- 2.412 ~ 2.462 GHz: North America, Taiwan (11 Channel)
- 2.412 ~ 2.484 GHz: Japan
- 2.412 ~ 2.472 GHz: Europe ETSI (13 Channel)

RF Output Power

- 17dBm@11M, typical +/- 3dBi
- 20dBm@54M, typical +/- 3dBi

Coverage Area

- Indoor: up to 100 meters
- Outdoor: up to 300 meters

Receiver Sensitivity

- 85dBm @ 11M, CCK
- 70dBm @ 54M, OFDM
- * When the Wireless Super G Technology is enabled with Multi-Channel 108 Mbps Turbo mode, the theoretical data rate can reach up to 108Mbps among ZyXEL Wireless Super G-enabled access points and clients. Actual performance may vary depending on different operating environment.

Security

- 64/128/152 bit WEP Encryption
- WPA (Wi-Fi Protected Access)
- WPA2

Power Consumption

- TX power consumption: < 480mA
- RX power consumption: < 430mA
- Voltage: 5V

Interface

- USB 2.0 compatible

Antenna

- PCB printed antenna

Physical Specifications

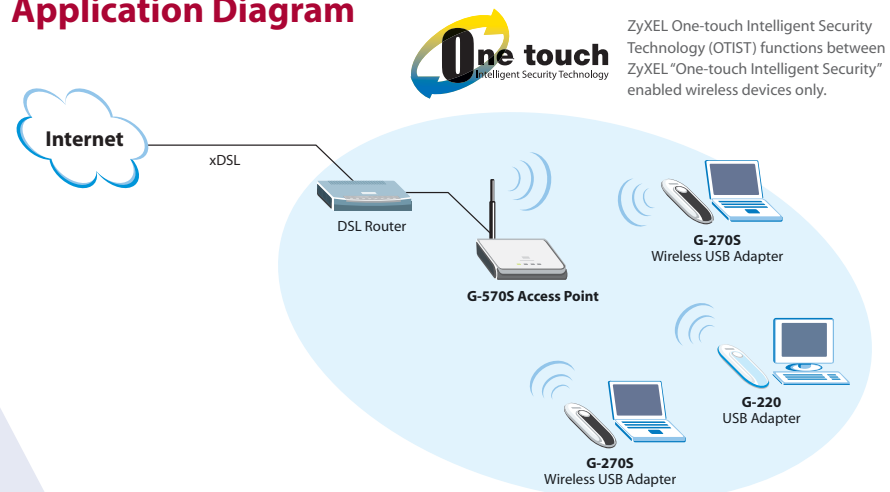
- Dimensions: 95(W) x 30(D) x 16(H) mm
- Weight: 25.8g

Environmental Specifications

- Operating Temperature: 0°C ~ 50°C
- Humidity: 20% ~ 95% (non-condensing)

Certification

Application Diagram



ZyXEL One-touch Intelligent Security Technology (OTIST) functions between ZyXEL "One-touch Intelligent Security" enabled wireless devices only.

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

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