ZyXEL

Wireless Router with Multimedia Bandwidth Management

Media Bandwidth Management

- **Advanced Media Bandwidth Management (MBM2™) for Effective Multimedia Bandwidth Allocation**
- **Advanced Wireless Security Transmission with WEP Encryption and WPA/WPA2 Support**
- **Stateful Packet Inspection (SPI) Firewall and Denial of Services (DoS)**
- **802.11e/Wi-Fi Multimedia (WMM) Support**

Benefits

Media Bandwidth Management

With ZyXEL's exclusive Media Bandwidth Management v2 (MBM v2), the NBG334W provides the most comprehensive way to smartly manage your limited bandwidth for multimedia applications.

Firewall Security

The NBG334W performs stateful inspection filtering for effective network protection. With the default firewall settings, all outgoing and incoming traffic in the protected LAN is checked. The firewall feature includes TCP/UDP inspection, DoS (Denial of Services) detection and prevention, real time alert, reports and logs.

Enhanced Multimedia Support

Enabled by the Wi-Fi Multimedia (WMM) technology, a subset of the IEEE 802.11e WLAN QoS draft standard, the NBG334W heightens users' experience on audio, video and voice applications over wireless networks.

Without the Quality of Service (QoS) capability, all applications on different devices are given equal priority to transmit data frames; this may work well for Web browsing, file transferring or emailing applications, but it is inadequate for multimedia applications such as VoIP conversation, video streaming or interactive gaming.

Multimedia applications are highly sensitive to latency or throughput reductions, and they all require QoS for optimal performance. WMM defines four access categories (voice, video, best effort and background) for traffic prioritization to provide enhanced multimedia presentation.

802.11g Wireless Firewall Router

NBG334W

54 Mbps 2.4GHz 802.11g | Firewall | 64/128bit WEP | WPA2 Security | WiFi™ The Standard for Wireless Fidelity | Express Multimedia Auto Provisioner

ROUTER

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Specifications

System Specifications

Standard

- IEEE 802.3 and 802.3u 10Based-T and 100Based-TX
- IEEE 802.11b/g standard compliant

Memory Size

- 4 MB Flash, 16 MB DRAM

Firmware Specifications

- MBM v2 for Online Gaming, P2P (BT/eMule) download and MSN video
- Advance Game Search Engine for online game servers
- Pre-defined game list for online games (Updateable)
- Firewall with Stateful Inspection, DoS (Denial of Service) support
- Many-to-one NAT
- Embedded WEB configurator (dual mode version)
- Embedded FTP Server for F/W upgrade and romfile backup and restore
- DHCP client/server
- PPPoE
- PPTP client for authentication
- Dynamic DNS
- UPnP
- WEP/WPA/WPA2
- Wi-Fi Certification

Hardware Specifications

- LAN: Four 10/100Base-T Ethernet, full duplex RJ-45 connector with auto MDI/MDIX support
- WAN: One 10/100Base-T Ethernet, full duplex RJ-45 connector with auto MDI/MDIX support
- Power Supply: 12 V AC, 1 A
- Reset Button

Physical Specifications

- Dimensions: 162 (W) x 115 (D) x 33 (H) mm
- Weight: 237 g

Environmental Specifications

Operating Environment

- Temperature: 0°C ~ 40°C
- Humidity: 20% ~ 85% (non-condensing)

Storage Environment

- Temperature: -20°C ~ 60°C
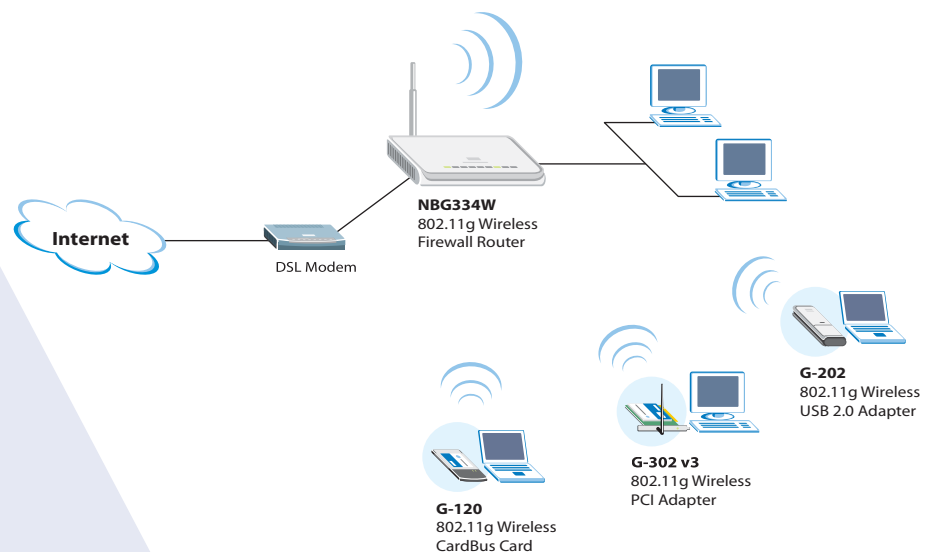- Humidity: 20% ~ 90%

Certification

- Safety: CSA international
- EMI: FCC part 15B

System Requirement

- Broadband Internet service device (DSL/Cable modem)
- Internet Explorer 6.0 or above

Application Diagram

NBG334W
802.11g Wireless
Firewall Router

Internet

DSL Modem

G-202
802.11g Wireless
USB 2.0 Adapter

G-302 v3
802.11g Wireless
PCI Adapter

G-120
802.11g Wireless
CardBus Card

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

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