Wireless Router with Multimedia 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.
Specifications

**System Specifications**

- **Standard**
  - IEEE 802.11 and 802.11g 10Based-T and 10UIbased-1 X
  - 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 games
- 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
- WAN: One 10/100Base-T Ethernet, full duplex

**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

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