

ZyXEL



Dual Band Wireless Router with Bandwidth Management

- 802.11a/b/g dual band wireless connectivity
- MBM 2.0 for games, P2P (BT/eMule) download and high-quality video streaming
- Firewall with Stateful Packet Inspection and DoS (Denial of Services) Prevention
- Support WPA/WPA2 wireless security
- USB port for embedded print server (P-335U)



Benefits

Dual-Band Wireless Access

The P-334U/P-335U provides high speed 802.11g and 802.11a wireless connection. In addition to 802.11g, the P-334U/P-335U supports the 802.11a band to provide high speed and transmission quality to bandwidth sensitive applications (such as video/audio streaming).

Firewall Security

The P-334U/P-335U 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.

Media Bandwidth Management

With ZyXEL's exclusive Media Bandwidth Management v2 (MBM v2), the P-334U provides the most comprehensive way to smartly manage your limited bandwidth for multimedia applications.

Sharing Internet Connectivity and Printing Resource (P-335U)

And a built-in USB print server allows you to share a printer on the network without leaving a host PC on. With four auto-sensing, switched LAN ports and Network Address Translation (NAT) routing, as many as home LAN users can access one broadband connection and share printing resource at the same time.

802.11a/g Wireless Dual Band Router

P-334U/P-335U



WIRELESS

Enhanced Multimedia Support*

With Wi-Fi MultiMedia (WMM), based on a subset of the IEEE 802.11e WLAN QoS draft standard, the P-334U/P-335U improves the user experience for audio, video and voice applications over a wireless network.

Without Quality of Service (QoS), all applications on different devices have equal priority to transmit data frames. That works well for applications such as web browsers, file transfers, or emailing, but it is inadequate for multimedia applications (such as Voice over Internet Protocol (VoIP), video streaming, and interactive gaming). Multimedia applications are highly sensitive to latency increases and throughput reductions, and require QoS. WMM defines four access categories (voice, video, best effort, and background) that are used to prioritize traffic to provide enhanced multimedia support.

* Firmware upgradeable for future enhancement

Specifications

Standard

- IEEE 802.3 and 802.3u 10Base-T and 100Base-TX
- IEEE 802.11a/g standard compliant

Memory Size

- 4MB Flash, 16MB DRAM

Hardware Specification

- 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: 12V AC, 1 A
- Reset Button
- USB 1.1 for Print Server (P-335U)

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 Services) supports
- 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 (DynDNS.org)
- UPnP

- WEP/WPA/WPA2
- OTIST
- Wi-Fi Certification

System Requirements

- Broadband (cable, DSL, satellite or wireless) Internet service and modem with Ethernet RJ-45 connector
- Ethernet connection (adapter or cable)
- Windows, Mac or Linux based operating system
- Internet Explorer 5.0 or later

Physical Specifications

- Dimensions: 190 (W) x 150 (D) x 33 (H) mm
- Weight: 413 g

Environmental Specifications

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

Application Diagram

