

## **GWA504 Product description**

The IOGEAR's GWA504 Wireless-G Broadband Router with 4-Port Switch provides the ideal solution for connecting your wireless network to a high-speed broadband Internet connection and a 10/100 Fast Ethernet backbone. Enables operators and service providers using IOGEAR's Wireless-G Broadband Router to provide subscribers with a number of broadband services transparently.

User's data equipment equipped with either IEEE 802.11b (11M) or IEEE 802.11g (54M) compatible wireless adapters can connect to the unit via its built-in Wireless LAN port, functioning as an Access Point.

The four 10/100Base-T Ethernet ports connect to the user's data equipment, providing comprehensive routing functionality and supporting various features.

### **Functions:**

#### **Auto-sensing Ethernet Switch**

Equipped with all the ethernet ports auto-sensing and auto MDIX Ethernet switch.

#### **WAN Types**

The router supports some WAN types, Static, Dynamic, PPPoE, PPTP, and Dynamic IP with Road Runner.

#### **Firewall**

All unwanted packets from outside intruders can be blocked to protect the Intranet.

#### **DHCP Server Support**

All of the networked computers can retrieve TCP/IP settings automatically from the Wireless Networking Gateway.

#### **Web-based configuring**

Configurable through any networked computer's web browser using Netscape or Internet Explorer.

## Virtual Server Support

Enables you to expose WWW, FTP and other services on your LAN to be accessible to Internet users.

## User-Definable Application Sensing Tunnel

Users can define the attributes to support special applications requiring multiple connections, such as Internet gaming, video conferencing, Internet telephony and so on. The Wireless Networking Gateway can sense the application type and open a multi-port tunnel for it.

## DMZ Host Support

Lets a specific networked computer be fully exposed to the Internet; this function is used when special application sensing tunnel feature is insufficient to allow an application to function correctly.

## Statistics of WAN Support

Enables you to monitor inbound and outbound packets.

## Wireless Functions

High speed for wireless LAN connection

Up to 54 Mbps data rate by incorporating Orthogonal Frequency Division Multiplexing (OFDM).

IEEE 802.11b compatible (11M)

Allowing inter-operation among multiple vendors.

IEEE 802.11g compatible (54M)

Allowing inter-operation among multiple vendors.

Auto fallback

54M, 48M, 36M, 24M, 18M, 12M, 6M data rate with auto fallback in 802.11g mode. 22M, 11M, 5.5M, 2M, 1M data rate with auto fallback in 802.11b mode.