

Wireless-G 125* High Speed Broadband Router & Access Point with High Gain Antenna - WHR-G54S

The Buffalo Wireless-G High Speed Router and Access Point with High Gain Antenna combines the 125* High Speed Mode wireless performance with Buffalo's AirStation One-Touch Secure System™ (AOSS™). Combined with Wireless-G 125* High-Speed devices, WHR-G54S extends the range of standard 802.11g client devices by up to 2X and improves speed by up to 3X. This Smart Router automatically detects and configures your Cable or DSL internet connection. The combination of push-button wireless and internet setup and great value makes WHR-G54S the perfect choice for your network.



Features and Benefits

Wireless

- 802.11g Wireless 125* High-Speed Mode™ Transfer Rates When Used with 125* High-Speed Mode™ Adapter
- External Switch to change between Router and Access Point modes
- Automatic Channel Support Selects Best Available Wireless Networking Channel
- Supports WDS To Increase Coverage With Optional Repeater

Wireless Security

- Easy Setup with AirStation One-Touch Secure System (AOSS™)
- Supports WPS, WPA2, WPA (TKIP, AES) and 128/64-bit WEP Security

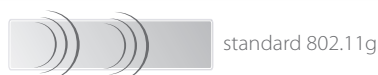
Router / Firewall

- Simple Web Browser Configuration
- Smart Router Feature Automatically Detects and Sets up your Cable or DSL Internet Connection
- Includes NAT/SPI Firewall and Intrusion Detector
- 4-port 10/100/1000 Auto-Sensing Gigabit Switch
- Built-in DHCP Server
- Optimized High Speed Routing, up to 10X Faster than Standard Routers

Special Features

- Intel® Viiv™ Technology-Verified Router
- Works Seamlessly with Nintendo® DS™ Wi-Fi Connection

Enhanced Performance at a Great Value.



standard 802.11g



Wireless-G
125* High Speed

up to **2X Range** and up to **3x the Speed** of standard 802.11g when used with Wireless-G 125* High Speed devices!

Easy and Secure Wireless Setup with AOSS



- Push the AOSS button on the Router
- Click on the AOSS icon in the Client Manager
- DONE! A secure wireless connection is automatically established

WHR-G54S

Specifications

Wireless LAN Interface

Standard Compliance	IEEE 802.11b / IEEE 802.11g
Frequency Range (MHz)	2,412 – 2,462
Access Mode	Infrastructure mode, WDS
Antenna	1 (external)
Wireless Security	WPA-PSK (AES, TKIP), 128/64-bit WEP, MAC Address Registration
Transmission Rates (Mbps)	802.11g 125* High Speed Mode™: 13, 20, 27, 40, 54, 80, 110, 125 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 802.11b: 1, 2, 5.5, 11



Wired LAN Interface

Standard Compliance	IEEE802.3u (100 Base-TX) IEEE802.3 (10 Base-T)
Data Transfer Rates	10/100 Mbps
Connector Type	RJ-45
Number of Ports	4

WAN Interface

Standard Compliance	IEEE802.3u (100 Base-TX) IEEE802.3 (10 Base-T)
Data Transfer Rates	10/100 Mbps
Speed and Flow Control	Auto Sensing, Auto MDIX, High-Speed Routing to Support FTTH
Connector Type	RJ-45
Number of Ports	1
WAN Port Security	Dynamic Packet Filtering, Intrusion Detector, NAT/SPI Firewall

Others

Dimensions (WxHxD in.)	1.1 x 5.1 x 5.7
Weight	9.5 oz.
Operating Environment	32-104° F
Power Supply	external, AC100-240V 50/60 Hz

** When operating in High-Speed Mode, this Wi-Fi device achieves an actual throughput of up to 34.1 Mbps, which is the equivalent throughput of a system following 802.11g protocol and operating at a signaling rate of 125 Mbps. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.*

About Buffalo

www.buffalotech.com

Buffalo Technology (USA), Inc., based in Austin, Texas, is a leading global provider of award-winning networking, memory, storage and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative, solutions that have put the company at the forefront of infrastructure technology.