BUFFALO™

Wireless-G MIMO Performance* Broadband Router & Access Point with High Gain Antenna - WHR-HP-G54

Uniquely equipped with a built-in High Power signal amplifier and when combined with Wireless-G MIMO Performance* client adapters, the WHR-HP-G54 extends the range of standard 802.11g client devices by up to 3X and improves overall performance by up to 6X. This Smart Router automatically detects and configures your Cable or DSL internet connection. Robust security features in addition to fast wireless performance and push-button setup, makes WHR-HP-G54 the perfect choice for your wireless network.

Connect with intel Centrino

nintendo Wi-Fi connection

Features and Benefits

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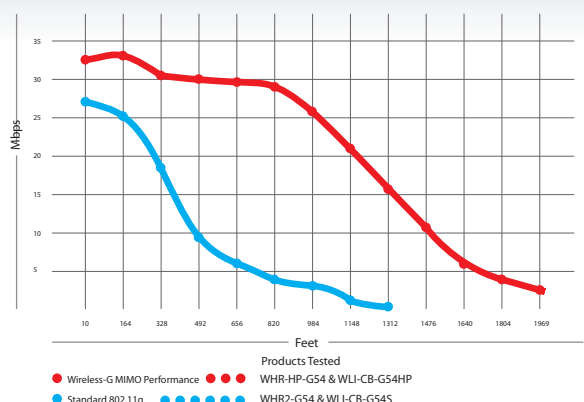
Router / Firewall
- Simple Web Browser Configuration
- Smart Router Feature Automatically Detects and Sets up your Cable or DSL Internet Connection
- Includes NAT/SPI Firewall and Intrusion Detector
- 4-port 10/100 Auto-Sensing Switch
- Built-in DHCP Server
- Optimized High Speed Routing, up to 10X Faster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

Special Features
- Intel® Viiv™ Technology-Verified Router
- Supports Intel® Hub Connect Technology
- Works Seamlessly with Nintendo® DS™ Wi-Fi Connection

Up to 3X the Range & 6X the Speed
of the standard 802.11g

● Wireless-G MIMO Performance ●●●	WHR-HP-G54 & WLI-CB-G54HP
● Standard 802.11g ●●●●●●	WHR2-G54 & WLI-CB-G54S

Feet / Products Tested

Easy and Secure Wireless Setup with AOSS

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

WHR-HP-G54

Specifications

2 YEAR WARRANTY
24·7 TECH SUPPORT

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, AC100-120V 50/60 Hz

This product uses a two antenna/single high power transmitter technology. It is not designed to anticipated 802.11n standards. Based on Buffalo Technology outdoor tests, this product outperforms two radio/three antenna MIMO technology beyond certain distances. Buffalo Technology testing also shows that this product equals or exceeds the performance of two radio/two antenna MIMO technology at all distances. 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.