

Buffalo AirStation™ G54

125* High-Speed Mode™ Wireless Cable / DSL Router with AOSS™ – WBR2-G54S

The Buffalo AirStation 125* High-Speed Mode™ Wireless Cable/DSL Router combines the next generation of 802.11g wireless performance with Buffalo's new AirStation One-Touch Secure System (AOSS™). This 125* High-Speed Mode router increases "real world" wireless performance up to 35%. With AOSS, users can setup secure wireless connections with the push of a button. AOSS automatically detects and configures other AOSS enabled wireless devices and clients and seamlessly creates secure connections. As you add additional devices, security is negotiated at the highest level possible for all devices on the network. The AirStation 125* High-Speed Mode Wireless Cable/DSL router allows you to securely share your Internet Broadband connection. Security features include WPA, WEP, Privacy Separator, Intrusion Detector, and SPI firewall. In addition to fast wireless performance, WBR2-G54S includes optimized LAN/WAN Routing and a high-speed 10/100 4-port switch. The combination of speed, security, and push-button AOSS setup, makes the Buffalo AirStation 125* High-Speed Mode Wireless Cable/DSL Router the perfect choice for your Wireless Network.



AirStation G54

WBR2-G54S



- Easy Setup with AOSS™ (AirStation One-Touch Secure System)
- Auto Channel Support
- 802.11g 125* High-Speed Mode™ Wireless
- High-level Security with WPA, Privacy Separator, and Intrusion Detector
- SPI Firewall
- WDS Support (Bridge/Repeater Mode)
- External Antenna Support
- Wireless Output Power Setting
- Dynamic Packet Filtering
- NAT Support
- Built-in DHCP Server
- Built-in 10/100 4-Port Switch



BUFFALO™ www.buffalotech.com

Technical Specifications

125* High-Speed Mode™ Wireless Cable / DSL Router with AOSS™ – WBR2-G54S

Specifications - Wireless Interface

Standards Compliance	802.11g, 802.11b
Frequency Range	2.412 - 2.462 GHz (1-11 channels)
Transmission Mode	DSSS, OFDM, CCK, Half Duplex
Transmission Rate	802.11g High-Speed Mode: 13, 20, 27, 40, 54, 80, 110, 125 Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b: 1, 2, 5.5, 11 Mbps
Wireless Security	WPA, TKIP, AES, WEP, MAC address filtering, Privacy separator
Internet Security	Dynamic Packet Filtering Intrusion Detector, SPI Firewall
Access Mode	Infrastructure mode
Antenna	Diversity Antenna

Wired LAN/WAN Interface Compliance

Standards Compliance	IEEE802.3u(100 Base-TX)
Connector Type	RJ-45
Transmission Encoding Method	10 Base-T Manchester coding 100 Base-TX 4B5B/MLT-3
Access Method	CSMD/CD
Transmission Rate	LAN:10/100 auto sense WAN:10/100 auto sense
Number of Ports	LAN:4 (auto MDIX) WAN:1 (auto MDIX)

Others

Weight	410 g (13 oz.)
Dimensions	155 x 170 x 76 mm (6.2 x 6.8 x 3 in.)
Work Environment	0-40°C, 20-80% humidity (non-condensing)

Support Available for:	Simple web browser setup. Works with major operating systems.
Package Contents:	Wireless Cable/DSL Router, Power Supply, Ethernet cable, Setup CD with User Manual, Quick Setup Guides, and Warranty Statement
Related Products:	AirStation 125* High-Speed Mode™ and 54 Mbps Wireless Client Adapters and 2.4 GHz Antennas



AirStation G54

WBR2-G54S



Buffalo Technology (USA), Inc. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. With its expansion into the U.S. retail market, Buffalo offers home users a full suite of wireless home networking solutions such as its award-winning line of AirStation 54g products; its 125* High-Speed Mode™ 802.11g products; and its versatile line of 802.11a/b/g combo products. Buffalo completes its offerings with additional world-class networking solutions that include memory, storage and multimedia products – perfectly suited for any wireless environment.

With its new AirStation One-Touch Secure System (AOSS™), Buffalo offers the ultimate in ease-of-use and security. The company's commitment to its customers and technological innovation has put Buffalo at the forefront of networking technology and is the foundation for its leading position among the top WLAN vendors worldwide.



Buffalo's Exclusive Intrusion Detector™
A powerful firewall that identifies and blocks outside attacks into your network and alerts you via a pop-up window or email.

*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.

© Buffalo Technology (USA), Inc. Buffalo Technology, Buffalo Technology logo and AOSS logo are registered trademarks of Buffalo Technology (USA), Inc. The names and logos of other companies mentioned herein belong to their respective owners.

BUFFALO™

4030 W. Braker Lane #120
Austin, TX 78759
800-456-9799

www.buffalotech.com