BUFFALO™

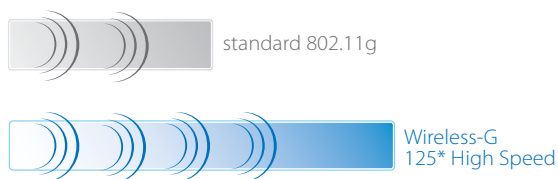## Wireless-G 125* High-Speed Notebook Adapter - WLI-CB-G54S

Buffalo Wireless-G High Speed Notebook Adapter offers a fast and flexible client solution for your notebook PC. 32-Bit CardBus technology and 125* High Speed Mode™ wireless data rates ensure maximum performance. AirStation One-Touch Secure System™ (AOSS™) allows you to easily setup secure wireless connections to your AOSS™-enabled Router. Fits any Notebook PC with an available Type II or Type III PC card slot. You can add an optional Buffalo indoor antenna for extended range and performance. When combined with Wireless-G 125* High Speed Router WHR-G54S, you can extend the range by up to 2X and improves overall performance by up to 3X of standard 802.11g client devices.

Features and Benefits

- Offers Increased Performance and Range when Connecting to Standard 802.11b or 802.11g Networks or hotspots
- 802.11g Wireless 125* High-Speed Mode™ Technology with Wireless 125* High-Speed Mode™ Technology Devices
- Easy Setup with AirStation One-Touch Secure System™ (AOSS™)
- 32-bit CardBus Interface, Fits Any Type II or Type III PC Card Slot
- Supports WPA-PSK (TKIP, AES) and 128/64-bit WEP Security
- Connects to an External 2.4GHz Antenna to Improve Wireless Signal

- Backward Compatible with 802.11b
- For Best Performance, use with Buffalo Wireless-G 125* High Speed Broadband Router and Access Point

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

WLI-CB-G54S

Specifications

2 YEAR WARRANTY

Wireless LAN Interface

Standard Compliance	IEEE802.11b/IEEE802.11g
Frequency Range (MHz)	2,412 – 2,462
Access Mode	Infrastructure mode, ad-hoc mode
Wireless Security	WPA-PSK (AES, TKIP), 802.1x Support (requires supplicant), 128/64-bit WEP
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
Interface	32-Bit CardBus
Antenna Interface	MC Card Connector (for external antenna)

Others

Dimensions	56 x 8 x 120 mm
Weight	40 g
Operating Environment	0-55° C
Setup Utility OS Support	Windows® 2000, Windows® XP, Windows® Me, Windows® 98SE

* 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.buffalo-technology.com

Buffalo Technology UK Ltd. 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.