Buffalo AirStation G54

54Mbps Broadband Router Base Station-g WBR-G54

The AirStation 54Mbps Broadband Router Base Station-g incorporates fast 54Mbps Wireless Data rates with a built-in DHCP Server and 4-port Ethernet switch to allow users to share a wired and wireless network on the same LAN. The 54Mbps Broadband Router offers the fastest wireless throughput on the 2.4GHz band. The 54Mbps Broadband Router incorporates Wi-Fi Protected Access™ support and the exclusive Intrusion Detector firewall with VPN support for improved security. This easy-to-use, affordable 54Mbps Broadband Router is the perfect wireless solution for Home, SOHO, and SMB use.

- Wi-Fi® 802.11g certified
- Up to 7X Faster than 802.11b with Frame Bursting
- 54Mbps High-Speed Wireless Data rate
- Wi-Fi® certified for interoperability with 802.11b
- Supports extended range 2.4GHz antennas
- WPA, AES, 802.1x and WEP support
- Exclusive Intrusion Detector Firewall
- Supports up to 253 users/nodes
- Roaming support and MAC address filtering
- Quick and easy configuration with Web browser interface
- Built-in DHCP Server and 4 port 10/100 switch
- Improved VPN Features: IPSec, L2TP and PPTP support
- WDS Support (Bridge/Repeater Mode)
- Allows WAN and MAC address customization
- Dynamic Packet Filtering on both the LAN and WAN side
- 2-Year Warranty

AirStation G54 products deliver the fastest possible data rate defined by the IEEE802.11g specification. AirStation G54 products are up to five (5) times faster than 802.11b Wireless LANs.

AirStation G54
WBR-G54

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.

Intrusion Detector

www.buffalotech.com

Wireless LAN

Standards Compliance	802.11g (Wireless LAN standard) 802.11b (Wireless LAN Standard)
Frequency Range	2,412 - 2,462GHz
Transmission Rate	802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11b: 1, 2, 5.5, 11Mbps
Security	WPA, AES, 802.1x, Intrusion Detector, 128/64-bit WEP,, MAC address registration, Privacy Separator, Dynamic Packet filtering
Access Mode	Infrastructure Mode, WDS (Bridge/Repeater Mode)
Antenna	Diversity Method (Internal)
External Antenna Connector	MC
Output Power	15dBm (32mW)
Selectable Channels	11 Channels (3 non-overlapping)
Communication Protocol	Direct Sequence Spread Spectrum (DSSS), Half Duplex, OFDM

Wired LAN

Interface	IEEE802.3 (10 Base-T) /802.3u (100 Base-TX)
Transmission Rate	10 / 100 Mbps (Auto Sense)
Ports/Connector	Four (4) 10 / 100 Base-T RJ-45 ports (Auto MDI/X)
Transmission Encoding Method	10 Base-T Manchester coding; 100 Base-TX4B5B/MLT-3
Access Method	CSMA/CD
WAN Port/Connector	One (1) RJ-45 port
Power Supply	100-240V AC 50/60Hz DC 3.3V, 2.5A
Dimensions	W3 x H6.75 x D6.1in. (76 x 171 x 155mm)
Weight	1 lb. (445g)
Operating Environment	0-40˚ C, 20-80% humidity (non-condensing)

Communication Range

Speed	Indoor	Outdoor
54Mbps	65 ft. (20m)	165 ft. (50m)
18Mbps	195 ft. (60m)	490 ft. (150m)
11Mbps	245 ft. (75m)	590 ft. (180m)
1Mbps	410 ft. (125m)	1870 ft. (570m)

All distances are estimated. Wireless connections may be affected as physical conditions and circumstances vary.

Support Available for:	Windows 98SE, 2000, ME , XP and Macintosh
Package Contents:	AirStation 54Mbps Router AP, Power Supply, CD driver disk, Ethernet cable, Quick Set-up Guide and Warranty Statement
Related Products:	Airstation 54Mbps CardBus Card, AirStation 54Mbps PCI Card and AirStation 2.4GHz Antennas

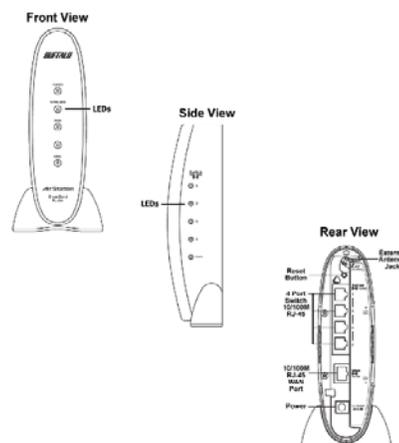Wi-Fi® is a registered certification mark of the Wi-Fi Alliance.

54g™ is a trademark of the Broadcom Corporation

Air Station *G54*
WBR-G54

Front View **Side View** **Rear View**

Buffalo Technology (USA), Inc., along with our parent company MELCO, Inc., are global leaders in the design, development, and manufacturing of wireless networking solutions for the SMB, SOHO and home. Buffalo Technology's products are Wi-Fi® 802.11b certified and provide a wide range of wireless LAN solutions focusing on security and VPN features.

BUFFALO ®

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