



## WL12-USB2-G54

### Air Station 54Mbps Wireless USB Adapter with AOSS

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Range Brochure PDF

The AirStation 54Mbps Wireless USB Adapter offers instant wireless connectivity using AOSS™ (AirStation One-Touch Secure System) Technology to any Windows-based computer with an available USB port.

Support for USB 2.0 provides the fastest USB data transfer speed; it is also compatible with USB 1.1 systems.



Buffalo's AirStation  
OneTouch Secure System  
(AOSS™)

Friendly

(click image for more  
information on AOSS)

The 54Mbps USB Adapter incorporates WPA (TKIP, AES) and standard WEP for security. Optional external 2.4GHz antenna can be added to boost range and increase performance.

Suggested Retail: \$199.00

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### Key Features

AirStation One-Touch Secure System (AOSS Client software required)

54Mbps High-Speed Wireless Data Rate

Supports USB 2.0 and USB 1.1

No power supply required

Small and Compact Design

External 2.4GHz antenna support

WPA (TKIP, AES) and WEP Support

Compatible with 802.11b

24/7 Toll-Free Tech Support

2-Year Warranty



- Press AOSS button **1** on the router to initiate the AOSS session.
- Click the AOSS icon **2** in the Buffalo Client Manager Software.
- DONE - A secure connection is automatically established between the Router and USB client system.

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**Specifications****Communication Range:**

*SPEED	OUTDOOR	INDOOR
54 Mbps	165ft (50m)	65ft (20m)
18 Mbps	490ft (150m)	195ft (60m)
11 Mbps	590ft (180m)	245ft (75m)
1 Mbps	1870ft (570m)	410ft (125m)

\*All Distances are estimated. Wireless connections may be affected as physical conditions and circumstances vary.

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**OS Support**

WinXP, 98SE, ME, 2000, XP

**Package Contents**

AirStation 54Mbps USB Adapter, CD driver disk, Mounting Bracket, USB Cable, Quick Setup Guide and Warranty Statement

**Technical Specifications - Wireless LAN**

Standards Compliance: 802.11g (IEEE Wireless LAN Standard), 802.11b (IEEE Wireless LAN Standard)

Frequency Range: 2,412 - 2,462GHz

Transmission Mode: DSSS, OFDM, CCK, Half Duplex

Security: WPA (TKIP, AES), 64/128-Bit WEP

Access mode: Infrastructure Mode, AdHoc Mode

External Antenna Connector: MC

Output Power: 15dBm (32mW)

Interface: USB 2.0

Communication Protocol: Direct Sequence Spread Spectrum (DSSS), Half Duplex, OFDM, CCK, DQPSK, DBPSK

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**Others**

Weight: 3.1oz (88g)

Dimensions: W4.8 x H3.7 x D2.2in (120 x 92 x 56mm)

Work Environment: Temperature 0-40C, 20-80% Humidity (non-condensing)

Power Supply: DC 5V (Powered via PC)

Power Consumption: 2.45W (Max)

Electric Current Consumption: 490mA (Max), 450mA (Normal)

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