

Buffalo

MIMO Performance Wireless Ethernet Converter – WLI-TX4-G54HP

The Buffalo **MIMO Performance Wireless Ethernet Converter** is an extremely versatile wireless client adapter. Use it to wirelessly connect gaming consoles, desktops, laptops, media players, printers, Unix workstations, and any other devices with Ethernet ports. With a built-in four port switch, up to 4 devices can be simultaneously connected to the Ethernet Converter for instant wireless connectivity. The Ethernet Converter supports AOSS™, allowing you to configure a secure wireless connection with the push of a button, and offers the advanced security for WPA (TKIP, AES). Once the simple browser-based setup or AOSS™ is complete, the Ethernet Converter can be moved from one device to another without reconfiguration.

- High Power Wireless Increases Performance by up to 70% and Extends Range by up to 50%
- 802.11g Wireless 125* High-Speed Mode™ (Turbo G) Transfer Rates when Used with 125* High-Speed Mode™ (Turbo G) Access Points or Wireless Routers
- Four Built-in 10/100 Ports for up to 4 Simultaneous Wired Devices
- Easy and Secure Wireless Connections with AOSS™
- Can be Used Horizontally or Vertically
- Compatible with 802.11b and 802.11g Wireless Routers and Access Points
- Simple Web Browser Configuration, No Drivers Needed
- Can be Moved from Device to Device without Reconfiguration
- Enhanced Security with WPA (TKIP, AES) and Standard 64/128-bit WEP

Make Your Wired Devices Wireless



AirStation TURBO G
HIGH POWER
WLI-TX4-G54HP



AOSS™ – One Click. One Touch. Done.

- (1) Press the AOSS button on the router to initiate the AOSS session.
- (2) Push the AOSS button on the Ethernet Converter.



- **Done** - A secure connection is automatically established between the Router and the Desktop.

The extremely versatile AirStation Turbo G High Power Wireless Ethernet Converter converts any device with an available Ethernet port into a wireless client.

- game systems
- laptops
- switches or hubs
- network printers
- desktops
- network media players

Designed for vertical or horizontal positioning.



BUFFALO™

www.buffalo-technology.com

Technical Specifications

MIMO Performance Wireless Ethernet Converter – WLI-TX4-G54HP

Wireless LAN Interface

Standard Compliance	IEEE802.11b/IEEE802.11g
Communication Protocol	Direct Sequence Spread Spectrum (DSSS), OFDM
Frequency Range	2,412 - 2,462 MHz (Channels 1-11)
Transmission Rate	802.11g 125* 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
Access Mode	Infrastructure Mode, Ad-hoc
Security	WPA-PSK(AES, TKIP), 128/64-bit WEP

Wired LAN Interface

Standards Compliance	IEEE802.3u(100 Base-TX) IEEE802.3(10 Base-T)
Transmission Rate	10/100 Mbps
Transmission Encoding Method	100 BASE-TX 4B5B/MLT-3 10 Base-T Manchester Coding
Access Method	CSMA/CD
LAN Port	10/100 Mbps, Auto Sensing, Auto MDIX
Number of LAN Ports	4
LAN Port Connector	RJ-45

Other

Power Supply	100-240V AC Universal, 50/60 Hz
Power Consumption	About 3.4 W (Max)
Dimensions	1.1 x 5.1 x 5.7 in. (28 x 130 x 144 mm)
Weight	9.5 oz. (270 g)
Operating Environment	0-40°C, 10-85% (non-condensing)

OS Support

Works with All Major Operating Systems
Simple Web-Browser Setup. No Drivers Needed for Setup

Package Contents

One Ethernet Converter, Power Supply, Ethernet Cable, Setup CD with Manual, Quick Setup Guide, Warranty Statement

Related Products

Routers & Access Points: WHR-HP-G54†, WHR-G54S†, WLA2-G54L, WLA2-G54C
†Recommended for Maximum Performance with 125* High-Speed Mode™ (Turbo G)

* 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.

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up to 70% further!
up to 50% faster!
than a standard 802.11g Adapter



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HIGH POWER
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Buffalo Technology (UK), Ltd. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. 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 802.11b/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.

BUFFALO™

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