

U.S. Robotics®

Model **USR808054** Wireless Turbo Access Point & Router



Networking

Features and Benefits

Faster speed, greater compatibility, better security



Exclusive 100 Mbps Accelerator Technology

Includes Accelerator Technology. Send and receive data at performance levels equivalent to **100 Mbps*** – **all on a single channel** to ensure greater network capacity and the highest data throughput.

Greater 802.11g/b wireless compatibility

Maximize the speed you purchased – **greater 802.11g and 802.11b compatibility** allows each device to connect at the fastest speed possible!

Superior security

Up to **10 times more secure** than standard wireless networks! Your data is secure with advanced features:

- **Built-in 256-bit Wired Equivalent Privacy (WEP)** encryption
- **WPA (Wi-Fi Protected Access)** protects your privacy and important data from hackers†
- Built-in MAC address authentication
- 802.1x network authentication support

4 products in 1

This powerful wireless router is four products in one:

- 802.11g Wireless Turbo Access Point
- 4-Port Ethernet switch
- Router
- Advanced firewall

Access point

Provides seamless connectivity with both wired and wireless networks.

Greater range

Wirelessly network with 30% greater range and better area coverage than conventional 54 Mbps wireless products*.

Detachable antennas

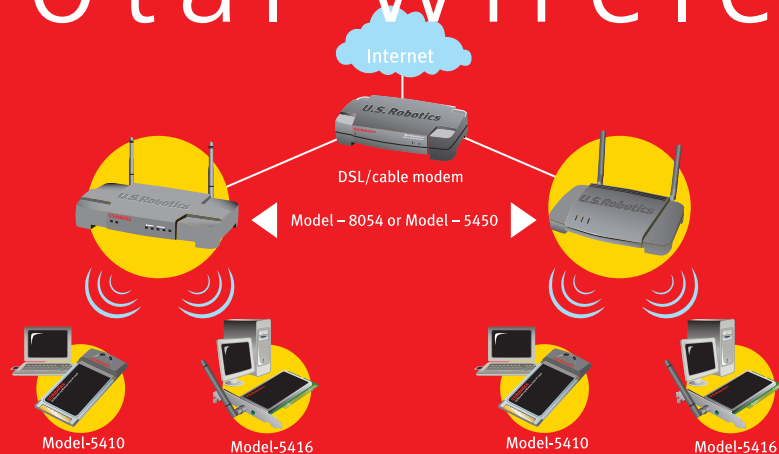
Dual dipole antennas with reverse polarity SMA connectors easily detaches for upgrading/replacing for enhanced performance.

**COMPUTER
TRADE SHOPPER
SUPPLIER
EXCELLENCE
AWARDS 2003**

Best Networking Manufacturer

Ready. Set. Connect.™

Total wireless solution



U.S. Robotics 802.11g Wireless Turbo networking products offer a total solution. Our simple to install portfolio is sure to meet your particular networking needs.



- Wireless Turbo Access Point & Router – Model USR808054
- Ideal for sharing high-speed Internet access among multiple computers†
 - Includes built-in MAC address authentication



- Wireless Turbo Multi-Function Access Point – Model USR805450
- Ideal for bridging wired and wireless networks
 - Includes multiple operational modes for a customizable solution



- Wireless Turbo PCI Adapter – Model USR805416
- Ideal for desktop computers
 - Detachable antenna is easily upgradable for enhanced performance



- Wireless Turbo PC Card – Model USR805410
- Ideal for laptop computers
 - Low power consumption

Standards and Specifications

- Integrated 54 Mbps 802.11g Wireless Turbo Access Point
- One RJ-45, 10/100 Mbps auto-sensing and auto-switching Ethernet WAN port
- Four RJ-45, 10/100 Mbps auto-sensing and auto-switching Ethernet LAN ports
- DHCP server (LAN) and client (WAN)
- Static and Dynamic IP addressing
- PPP over Ethernet (PPPoE) support
- Embedded PPTP Client
- VPN pass-through support for PPTP, L2TP, and IPSec
- DMZ host support

Security Features

- Integrated firewall
- 64/128/256-bit Wired Equivalent Privacy (WEP) encryption
- Disable broadcast SSID
- 802.1x network authentication support
- Wi-Fi Protected Access (WPA)†
- MAC address authentication (50 MAC addresses) and wireless association control

Modulation Types

- BPSK, QPSK, CCK, PBCC, and OFDM

Radio

- Complies with IEEE 802.11g 54 Mbps wireless standard

RF Output Power

- +16 to 18 dBm

Frequency Band

- 2400 ~ 2472 MHz for Europe

Operating Channels

- 13 channels for Europe

Radio Technology

- Direct Sequence Spread Spectrum (DSSS)

Data Rates

- 1, 2, 5.5, 6, 11, 12, 22, 24, 36, 48, 54 Mbps with auto-fallback*

Antenna Type

- Dual swivel dipole removable antennas with reverse polarity SMA connectors

Minimum System Requirements

- HTML configuration is supported by any computer that supports TCP/IP and HTML Web browser
- For Ethernet networking – computer with Ethernet adapter (Network Interface Card)
- CD-ROM drive

General Wireless Networking Requirements

- Internet access for Web sharing – active Internet connection and Internet Service Provider (ISP) account†
- For 100 Mbps wireless networking – computer with 100 Mbps 802.11g wireless adapter

Regulatory/Agency Approvals

- FCC approved (Part 15 Class B)
- IC approved (RSS-210)
- UL/CUL listed
- CE①

Environmental Specifications

- Temperature Range
 - Operating: 32° - + 131° F (0° - +55° C) (Except RF output power and sensitivity)
 - Storage: -4° - + 158° F (-20° - +65° C)
- Humidity
 - Storage: 5% to 95% Non-condensing

Package Contents

- U.S. Robotics Wireless Turbo Access Point & Router
- Two removable swivel dipole antennas with reverse polarity SMA connector
- Power supply (UK & Euro connectors)
- Quick Installation Guide
- Installation CD-ROM

Package Dimensions/Weight

- Dimensions
 - Length 13.0 in. (33.0 cm)
 - Width 7.0 in. (17.75 cm)
 - Height 3.75 in. (9.5 cm)
- Weight
 - 1.4 lb (0.64 kg)

Product Dimensions/Weight

- Dimensions
 - Length 5.5 in. (13.97 cm)
 - Width 9.2 in. (23.36 cm)
 - Depth 6.75 in. (17.14 cm)
- Weight
 - 1.08 lb (0.49 kg)

Warranty

- Two-year limited manufacturer warranty from date of purchase
- For details, see www.usr.com

Model Number

- USR808054 – Wireless Turbo Access Point & Router



* Capable of data throughput rates equivalent to 100 Mbps performance. Actual performance may vary depending on operating environment and distance between networked computers.

† Wi-Fi Protected Access (WPA) will be supported upon ratification.

‡ Internet sharing requires a router. Some Internet Service Providers (ISPs) may have additional requirements, may not allow Internet sharing, and/or may charge additional service fees.

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