

# U.S. Robotics®

## Model **USR808054** 802.11g Wireless Turbo Router



### 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.

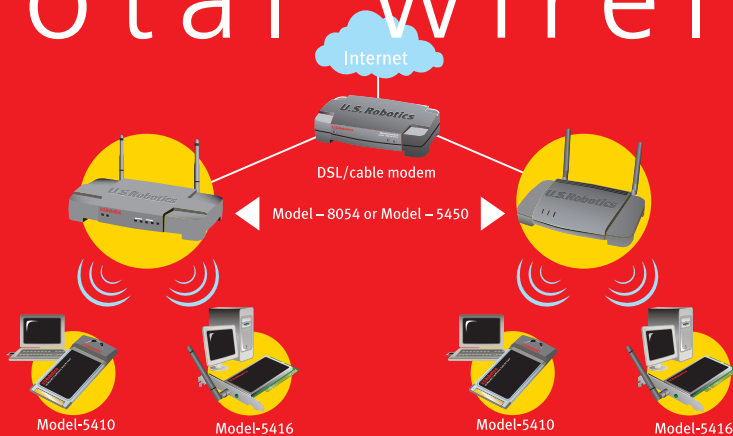
**COMPUTER  
TRADE SHOPPER**

**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.

## 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
- 802.1x network authentication support
- Wi-Fi Protected Access (WPA)<sup>†</sup>
- 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 ~ 18 dBm

### Frequency Band

- 2400 ~ 2462 MHz FCC Regulations for North America
- 2400 ~ 2472 MHz for Europe

### Operating Channels

- 11 channels for North America
- 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<sup>\*</sup>

### 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<sup>‡</sup>
- For 100 Mbps wireless networking – computer with 100 Mbps 802.11g wireless adapter
- For 22 Mbps or 11 Mbps wireless networking – computer with 22 Mbps or 11 Mbps 802.11b wireless adapter

### Regulatory/Agency Approvals

- FCC approved (Part 15 Class B)
- IC approved (RSS-210)
- UL/CUL listed
- CE<sup>®</sup>

### 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 802.11g Wireless Turbo 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 3.75 in. (9.52 cm)
  - Height 7 in. (17.78 cm)
- Weight
  - 1.4 lb (0.64 kg)

### Product Dimensions/Weight

- Dimensions
  - Length 9.19 in. (23.34 cm)
  - Width 5.5 in. (13.98 cm)
  - Depth 1.7 in. (4.3 cm)
- Weight
  - 1.08 lb (0.49 kg)

### Warranty

- Two-year limited manufacturer warranty from date of purchase

For details, see [www.usr.com](http://www.usr.com)

### Model Number

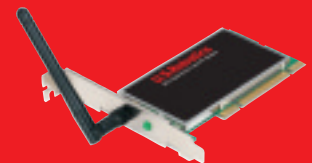
- USR808054 – 802.11g Wireless Turbo Router



- 802.11g Wireless Turbo Router – Model 8054
- Ideal for sharing high-speed Internet access among multiple computers<sup>†</sup>
- Includes built-in MAC address authentication



- 802.11g Wireless Turbo Multi-Function Access Point – Model 5450
- Ideal for bridging wired and wireless networks
- Includes multiple operational modes for a customizable solution



- 802.11g Wireless Turbo PCI Adapter – Model 5416
- Ideal for desktop computers
- Detachable antenna is easily upgradable for enhanced performance



- 802.11g Wireless Turbo PC Card – Model 5410
- Ideal for laptop computers
- Low power consumption

\* 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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