

U.S. Robotics®

Model 8022

22 Mbps Wireless Cable/DSL Router

**Faster speed, greater range,
better security**

Networking



The fastest way of installing Internet sharing!

U.S. Robotics makes wireless networking easy. Our 22 Mbps Wireless Cable/DSL Router is easy to set up and use – it installs in three simple steps.

Wireless convenience and ease of use means you can share your high-speed Internet connection across multiple computers – get everyone online at the same time*.

The U.S. Robotics family of 22 Mbps wireless networking products provides double the transmission speed, greater range, and better area coverage than existing 11 Mbps products†.

Ready. Set. Connect.™

22 Mbps Wireless Cable/DSL Router MODEL 8022

- Up to twice as fast as standard 802.11b 2.4 GHz products
- Works with all 11 Mbps 802.11b wireless products
- Four products in one – 22 Mbps wireless access point, router, 2-port Ethernet switch, and print server
- Share Internet access across multiple PCs – without wires*
- Share printers, files, and data
- Built-in security protects against hackers

Features & Benefits

Twice as Fast – The U.S. Robotics 22 Mbps wireless portfolio provides double the speed of existing 11 Mbps products*.

802.11b 11 Mbps Compatibility – Compatible with all IEEE 802.11b 11 Mbps wireless products – automatically adjusts to the fastest rate possible: 22 Mbps or 11 Mbps.

Superior Range and Coverage – U.S. Robotics 22 Mbps wireless networking products provide greater range and better coverage than traditional 11 Mbps products†.

Protects Against Hackers – Integrated 64-, 128-, and 256-bit Wired Equivalent Privacy (WEP) encryption and MAC address authentication protect your privacy and important data from hackers.

Work Through Walls Instead of Around Them – Surf the Web from any room with any computer with wireless convenience. Move from desk to meeting room and stay connected – don't miss that important e-mail!

Share Internet Access – Send an e-mail, download an MP3, and get multiple users on the Internet from different computers in different rooms – all at the same time*.

Wired or Wireless – Make any network a wireless network. The U.S. Robotics 22 Mbps Wireless Cable/DSL Router provides seamless connectivity with both wired and wireless networks.

Simple 1-2-3 Installation – Installation is quick and easy – no holes to drill or wires to trip over. The U.S. Robotics 22 Mbps Wireless Cable/DSL Router installs in three simple steps.

Keeps You Online – Stay online even if your cable or DSL service is interrupted – connect a dial-up modem for backup Internet access‡.

Total Wireless Solution – U.S. Robotics offers a total 22 Mbps wireless networking solution that includes wireless routers, wireless access points, wireless PCI adapters for desktop computers, and wireless PC cards for laptop computers. So whether you're starting off small or growing your network, U.S. Robotics has a solution that will fit your particular needs.

Standards and Specifications

Radio

- Complies with IEEE 802.11b 11 Mbps wireless standard
- Modulation Type: CCK, BPSK, QFSK, and PBCC
PBCC modulation for 22 Mbps speed
- RF Output Power: +16 – 18 dBm
- Power Adapter: DC 5 V/1.6 A

Operating Channels

- 11 channels (North America and South America)
- 13 channels (Europe)
- 4 channels (France)

Frequency Band

- 2400 – 2462 MHz (North America and South America)
- 2400 – 2483.5 MHz (Europe)
- 2457 – 2472 MHz (France)

Radio Technology

- Direct Sequence Spread Spectrum (DSSS)

Data Rate

- 1, 2, 5.5, 11, and 22 Mbps

Security Features

- 64/128/256-bit Wired Equivalent Privacy (WEP) encryption
- MAC address authentication

Minimum System Requirements

- 500K available hard disk space for utility and driver installation
- 2x or better CD-ROM drive

Regulatory Agency Approvals

- FCC Part 15
- UL/CUL
- IC Approved
- CE ①

Package Contents

- U.S. Robotics 22 Mbps Wireless Cable/DSL Router
- Ethernet Cable
- Power Supply
- Quick Installation Guide
- Installation CD-ROM
- Two Detachable, High-Performance Omnidirectional Antennae

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 warranty from date of purchase

Model Number

- 8022 – 22 Mbps Wireless Cable/DSL Router



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

† Actual performance may vary depending on operating environment and distance between networked PCs.

‡ Requires ISDN or analog Internet service.