

U.S. Robotics®

Model 8022

22 Mbps Wireless Cable/DSL Router

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

Networking



Now my workstation is anywhere I want it to be – I'm mobile!



U.S. Robotics makes wireless networking fast and easy. Exclusive U.S. Robotics Accelerator Technology provides enhanced performance to send and receive data at speeds greater than 22 Mbps!*

Start accessing the Internet from almost anywhere – go wireless and extend the reach of the Internet throughout your home or office.

The U.S. Robotics family of 22 Mbps wireless networking products includes 256-bit Wired Equivalent Privacy (WEP) encryption for superior security and to protect your privacy and important data from hackers: the 22 Mbps Cable/DSL Router and Wireless Access Point also incorporate MAC address authentication for even more protection. Compatible with all 802.11g draft standard and 11 Mbps 802.11b wireless standard products, U.S. Robotics 22 Mbps wireless products automatically adjust to the fastest rate possible to always provide you with the speed you need*.

Ready. Set. Connect.™

22 Mbps Wireless Cable/DSL Router MODEL 8022

- Exclusive Accelerator Technology for enhanced performance beyond 22 Mbps*
- Compatible with all 802.11g and 802.11b wireless products
- Built-in 256-bit WEP encryption for superior security
- Share cable, DSL, or dial-up Internet access among multiple PCs†
- 4 products in 1
 - 2-Port Ethernet Switch
 - 22 Mbps Wireless Access Point
 - Router
 - Print Server‡

Features & Benefits

Exclusive Accelerator advantage – U.S. Robotics 22 Mbps enhanced for greater performance – send and receive data at speeds greater than 22 Mbps!*

802.11g 54 Mbps and 802.11b 11 Mbps compatibility – Compatible with all 54 Mbps 802.11g and 11 Mbps 802.11b wireless products – automatically adjusts to the fastest rate possible*.

Protects against hackers – Built-in 256-bit Wired Equivalent Privacy (WEP) encryption and MAC address authentication provide superior security to protect your privacy and important data from hackers.

Includes a trial version of Symantec's Norton Internet Security 2003 – Offers essential protection from viruses, hackers, and privacy threats – includes full versions of Norton AntiVirus, Norton Personal Firewall, and other valuable tools!

Work through walls instead of around them – Surf the Web from any room with any computer with wireless convenience. Move from your 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 time¹. Share a single high-speed Internet connection with every computer on your wireless network by adding a U.S. Robotics 22 Mbps Wireless Cable/DSL Router to your network.

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 three-step installation – Our included Quick Installation Guide makes installation easy – it installs in only three simple steps with no holes to drill or wires to trip over.

Keeps you online – Stay online even if your cable or DSL service is interrupted – connect a dial-up modem for backup Internet access⁵.

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

- Integrated 22 Mbps 802.11b wireless access point
- One RJ-45, 10/100 Mbps auto-sensing and auto-switching Ethernet WAN port
- Two RJ-45, 10/100 Mbps auto-sensing and auto-switching Ethernet LAN ports
- Parallel port connector for integrated print server⁴
- RS-232 port for backup analog or ISDN modem⁵
- 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

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

Modulation Type

- PBCC, CCK, QFSK, and BPSK

Radio

- Complies with IEEE 802.11b 11 Mbps wireless standard

RF Output Power

- +10 ~ 14 dBm

Frequency Band

- 2400 ~ 2472 MHz for North America and South America

Operating Channels

- 11 channels for North America and South America

Radio Technology

- Direct Sequence Spread Spectrum (DSSS)

Data Rate

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

Antenna Type

- Dual Dipole removable antennas with reverse polarity SMA connectors

Minimum System Requirements

- For 22 Mbps wireless networking – computer with 22 Mbps 802.11b wireless adapter/access point (client mode)
- For 11 Mbps wireless networking – computer with 11 Mbps 802.11b wireless adapter/access point (client mode)
- For 256-bit WEP encryption – wireless adapter/access point (client mode) that supports 256-bit WEP encryption
- For Ethernet networking – computer with Ethernet adapter (Network Interface Card)
- Internet access for Web sharing – active Internet connection and Internet Service Provider (ISP) account¹
- HTML configuration is supported by any computer that supports TCPIP or HTML Web browser
- CD-ROM requires Windows 98/Me/2000/XP operating system
- 500K available hard disk space for utility and driver installation on Windows-based PCs
- Print server requires a Windows operating system (Windows 98/Me/2000/XP)
- CD-ROM drive

Regulatory Agency Approvals

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

Environmental Specifications

- Temperature Range
 - Operating: 32° - +104° F (0° - +40° C) (Except RF output power and sensitivity)
 - Storage: 14° - +140° F (-10° - +60° C)
- Humidity
 - Operating: 0% to 50%
 - Storage: 0% to 50% Non-condensing

Package Contents

- U.S. Robotics 22 Mbps Wireless Cable/DSL Router
- Two detachable antennas
- Power supply
- One Ethernet cable
- 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

- 8022 – 22 Mbps Wireless Cable/DSL Router



* Capable of data throughput rates greater than 22 Mbps wireless products in a mixed-mode operating environment of 802.11b standard and 802.11g draft standard products. Actual performance may vary depending on operating environment and distance between networked computers.

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

‡ Print server feature only for Windows operating system (included on CD-ROM).

§ Requires ISDN or analog Internet service.