U.S.Robotics®

Model 2249
22 Mbps Wireless Access Point

Faster speed, greater range, better security

Networking

NOW WITH
54 Mbps*
ACcelerator
TECHNOLOGY

I never knew going wireless was so simple, convenient, and fast!

U.S. Robotics makes wireless networking fast and easy. Exclusive U.S. Robotics Accelerator Technology provides the performance of 54 Mbps – send and receive data at speeds comparable to 54 Mbps wireless products!*

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 54 Mbps 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 Access Point

MODEL 2249

○ Exclusive Accelerator Technology – 22 Mbps enhanced to 54 Mbps performance*

○ Compatible with all 802.11g and 802.11b wireless products

○ Built-in 256-bit WEP encryption for superior security

○ Share Internet access, files, and peripherals†

○ Surf the Web from virtually anywhere without wires*

Features & Benefits

Exclusive Accelerator advantage – U.S. Robotics 22 Mbps enhanced to 54 Mbps performance – send and receive data at speeds comparable to 54 Mbps wireless products!*

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 time†. Share a single high-speed Internet connection with every computer on your wireless network by adding a U.S. Robotics router designed to fit your particular networking needs.

Wired or wireless – Make any network a wireless network. The U.S. Robotics 22 Mbps Wireless Access Point 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.

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 expanding your network, U.S. Robotics has a solution that will fit your particular needs.

Standards and Specifications

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

Modulation Types
• PBCC, CCK, QPSK, and BPSK

Radio
• Complies with IEEE 802.11b 11 Mbps wireless standard

RF Output Power
• +16 ~ 18 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 Rates
• 1, 2, 5.5, 11, 22 Mbps*

Antenna Type
• Dual Dipole antennas

Supported Modes
• Access Point
• Access Point Client
• Wireless Bridge
• Multiple Bridge
• Repeater Function

Minimum System Requirements
• For 22 Mbps wireless networking – computer with 22 Mbps 802.11b wireless adapter/access point/router
• For 11 Mbps wireless networking – computer with 11 Mbps 802.11b wireless adapter/access point/router
• For 256-bit WEP encryption – wireless adapter/access point/router that supports 256-bit WEP encryption
• 500K available hard disk space for utility and driver installation
• HTML configuration is supported by any computer that supports TCPIP or HTML Web browser
• AP utility requires Windows operating system
• 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˚ - +122˚ F (0˚ - +50˚ C) (Except RF output power and sensitivity)
  – Storage: -22˚ - +140˚ F (-30˚ - +60˚ C)
• Humidity
  – Operating: 0% to 50%
  – Storage: 5% to 95% Non-condensing

Package Dimensions/Weight
• Dimensions
  Length 12.78 in. (32.46 cm)
  Width 3.75 in. (9.53 cm)
  Height 7.67 in. (19.48 cm)
• Weight
  2.8 lb (1.27 kg)

Product Dimensions/Weight
• Dimensions
  Length 5.5 in. (13.97 cm)
  Width 4.5 in. (11.43 cm)
  Height 1.5 in. (3.81 cm)
• Weight
  0.47 lb (0.21 kg)

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

Model Number
• 2249 – 22 Mbps Wireless Access Point