

U.S. Robotics®

Model 9003
SureConnect™
ADSL Ethernet/USB Router

Broadband

Broadband Internet access for
networking multiple users in any
small office or home



Now I can get the whole office
online with a single Broadband connection†

U.S. Robotics, the company trusted by a generation to connect to the Internet, now offers a full line of high-performance *SureConnect* ADSL modems.

The 9003 ADSL Router has multiple active ports, supports bridging or routing, offers powerful security, parental control, Virtual Private Network (VPN), and remote management features. Works great with any home or small office using the three built-in Ethernet (2) and USB (1) ports.

Share a single DSL line with up to three computers, add more users with U.S. Robotics home networking products*, and enjoy a secure broadband network with built-in firewall and security features—all from the world's #1 selling modem brand.

Ready. Set. Connect.™

SureConnect™

ADSL Ethernet/ USB Router

MODEL 9003

- Built-in support for three simultaneous Internet users (2 Ethernet, 1 USB)*
- Expandable up to 253 devices†
- Stackable, modular design
- Professional firewall and security features protect your network from hackers
- Web-based *SureConnect* software for easy setup and trouble-free operation
- Meets or exceeds key industry standards

Features & Benefits

Easy Self-Installation – *SureConnect* software simplifies installation by automatically checking the computer for minimum system requirements and setting necessary DSL values.

SureConnect Utility Software – The Web-based diagnostics and connection monitoring set a new standard for convenience and ease of use. *SureConnect* support tools allow users to monitor basic modem and DSL performance. Technicians can run special advanced diagnostics, monitor system performance, and perform control/configuration functions‡.

Network Security – An integrated professional firewall protects computers and networks from hackers. Filtering features provide parental control of Internet Web content, and Virtual Private Network (VPN) support provides extra security.

Expandability – New durable, modular design allows components to be conveniently stacked, minimizing desktop clutter. Supports up to 253 devices with additional hubs‡ or switches.

Total Product Support – *SureConnect* products feature complete software, documentation, online software upgrades, and product support for long service life and trouble-free operation.

Superior Performance – Meets or exceeds the TR-048 standard for ADSL performance testing (developed by the DSL Forum), UR-2, and other key industry/telco standards. Download rates up to 8 Mbps – that's over 145 times faster than 56K analog dial-up modems – provide the speed and bandwidth for streaming audio and video, remote network access, telecommuting, online gaming, and more!§

Minimum System Requirements – Ethernet Port

- Any computer with an Ethernet 10/100 RJ-45 interface
- 32 MB RAM
- 10 MB hard disk space
- Any operating system that supports an Ethernet connection with an IP stack
- Internet Explorer or Netscape Navigator 4.0 or later Web browser
- *SureConnect* Installation CD-ROM requires Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, or Windows XP

Minimum System Requirements – USB Port

- Pentium 200 MHz or faster compatible CPU
- Host PC with Universal Serial Bus (USB) support
- 32 MB RAM
- 10 MB hard disk space
- Internet Explorer or Netscape Navigator 4.0 or later Web browser
- *SureConnect* Installation CD-ROM requires Windows 98, Windows Me, Windows 2000, or Windows XP

Minimum System Requirements – ADSL Network

- ADSL and Internet service from your local telephone company or Internet Service Provider (ISP)

Interfaces/Connectors

- (2) RJ-45 10/100 Ethernet ports
- (1) USB 1.1 compliant port
- ADSL port (RJ-11)
- Console port (RS-232)
- AC into power supply

Standards and Specifications

- Analog Devices 6480/6482 Eagle ADSL Chipset and 6489 Network Processor
- Supports full-rate G.DMT (ITU-T G.992.1) and T1.413 Issue 2 ADSL: up to 8 Mbps downstream and up to 1 Mbps upstream*
- Supports G.lite (ITU-T G.992.2) ADSL: up to 1.5 Mbps downstream and up to 512 Kbps upstream*
- Supports DSL handshaking (ITU-T G.994.1)
- Multi-DSLAM interoperability including Alcatel, Globespan, Texas Instruments, and Analog Devices-based DSLAMs (results available upon request)
- RFC 2516 PPP over Ethernet (Client and Relay)
- RFC 2364 PPP over ATM
- RFC 2225 (formerly 1577) Classical IP and ARP over ATM
- RFC 2684 (formerly 1483) Multi-protocol over ATM (Bridged and Routed)

Router Features

- TCP/IP with RIP v1 and v2
- Static routing

- DHCP Server, DHCP Client, DHCP Relay
- DNS Relay & DNS Client
- FTP Client & Server
- BootP
- NetBios

Firewall and Security Features

- VPN pass-through support
 - Multi PPTP & IPSec sessions supported
- Stateful Packet Inspection (SPI) firewall
- Packet filtering
 - IP filtering based on IP address, port, or flags
- Denial of service protection
- URL based content filtering
- NAT, PAT, Multi-NAT
- ALG Support
- Password protected configuration access
- User authentication
- PAP/CHAP with PPP

Bridging Features

- Transparent bridging including Spanning tree protocol (IEEE 802.1D)

ATM Attributes

- AAL Type: AAL 5
- ATM Service Class: UBR, CBR, nrt-VBR, rt-VBR
- Virtual Circuit Support: 16 PVCs
- TR37 Auto-provisioning with ILM1 v4.0
- End-to-end loopback: OAM
- ATM pacing, policing (QoS)
- Traffic Management 4.1

Management Features

- HTML-based configuration
- Console port for local management
- Telnet Client & Server for remote management
- Firmware upload/download via FTP and Console Management
- FTP firmware upgrade and configuration backup and restore
- Event and history logging
- SNMP support (v1 & v2)
- ATM MIB, ADSL MIB, SNMP MIB II, Enterprise MIB

LEDs/Indicators

- Power
- DSL
- USB
- Ethernet 1
- Ethernet 2

Operating Environment

- Temperature conditions: 32 - 122° F (0 - 50° C)
- Humidity: 5% to 95% RH non-condensing

Regulatory Agency Approvals

- FCC approved
- IC approved
- UL listed
- C-UL listed
- CE approved

Package Contents

- U.S. Robotics *SureConnect* ADSL Ethernet/USB Router
- RJ-11 Phone Cord (4 wire)
- Power Adapter and Cord
- USB Cable (3 ft./0.92 m)
- Ethernet Cable (6 ft./1.83 m)
- Quick Installation Guide
- U.S. Robotics *SureConnect* Installation CD-ROM

Dimensions/Weight

- Length 5.5 in. (13.97 cm)
- Width 9.2 in. (23.36 cm)
- Height 1.6 in. (23.36 cm)
- Weight 14.4 oz (0.448 kg)

Warranty

- Two-year limited warranty from date of purchase

Model Number

- 9003 ADSL Ethernet/USB Router



For connection to the Public Switched Telephone Network (PSTN)

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

† Designed to host three devices: capable of hosting up to 253 devices with additional hubs. See www.usr.com for U.S. Robotics home networking products.

‡ Actual speeds may vary. Speed obtained is determined by the provisioned speed of broadband Internet Service Provider (ISP), loop length and quality, and other factors.

§ *SureConnect* Installation CD-ROM requires Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, or windows XP.

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