

U.S. Robotics®

Model 9002
SureConnect™
ADSL USB/Ethernet Modem

Broadband

Versatile DSL Internet access for
any home or small business user



I just love the flexibility of being able to use this modem with any one of my computers



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

The 9002 ADSL Modem offers both USB and Ethernet ports, making it the perfect choice for all single-user residential or SOHO self-installations*.

Works with any operating system†, features a versatile combination design, and includes software tools for trouble-free operation – all from the world's #1 selling modem brand.

Ready. Set. Connect.™

SureConnect™ ADSL USB/Ethernet Modem MODEL 9002

- Versatile design works with any computer – Ethernet or USB
- SureConnect software tools for complete product support
- Suspend data traffic to and from your computer when you are away
- Stackable, modular design
- Meets or exceeds key industry standards

Features & Benefits

Easy Self-Installation – SureConnect software simplifies installation by automatically checking the computer for minimum system requirements*. Setup is fast and simple – necessary DSL values are automatically determined and set when the modem is in Ethernet mode; for USB users, necessary DSL values are chosen by the software from a convenient pop-up menu.

SureConnect Utility Software – The built-in diagnostics and connection monitoring set a new standard for convenience and ease of use. The SureConnect utility allows users to monitor basic modem and DSL service performance. Service technicians can utilize a special "technician mode" to run advanced diagnostics, monitor system performance, and perform control/configuration functions†.

SecureConnection – Experience a more secure broadband connection and protection from hackers with U.S. Robotics SecureConnection. The SecureConnection lock feature allows users to suspend data traffic when they step away from their computer or when they are not actively surfing the Internet‡.

Expandability – New durable, modular design allows components to be conveniently stacked, minimizing desktop clutter. Add home networking capability with a U.S. Robotics router or wireless access point (see www.usr.com)§.

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 benchmark standard for ADSL performance testing (developed by the DSL Forum), UR-2, and other key industry/telco performance 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 – 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
- U.S. Robotics SureConnect Installation CD-ROM requires Windows 98, Windows Me, Windows 2000, Windows XP, or Mac OS 9

Minimum System Requirements – Ethernet Port

- Pentium or faster compatible CPU
- Any computer with 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
- SureConnect Installation CD-ROM requires Windows 95, Windows 98, Windows Me, Windows NT 4.0, 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

- RJ-45 Ethernet to PC or router
- RJ-11 to telephone line
- DC into power supply
- USB port

Standards and Specifications

- Analog Devices 6484/6480 Eagle ADSL Chipset
- 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)
- USB Supports
 - RFC 2364 - PPP over ATM
 - RFC 2684 (formerly RFC-1483) – Bridged or Routed Multi-protocol over ATM
 - RFC 2516 – PPP over Ethernet (drivers included, no third-party client needed)
- Ethernet Supports
 - RFC 2684 (formerly RFC-1483) – Bridged or Routed Multi-protocol over ATM
 - RFC 2516 – PPP over Ethernet (third-party client needed)
- Local loop to central office at up to 18,000 feet (5400 meters) when coexisting with plain old telephone service (POTS)
- Annex A

ATM Attributes

- AAL Type: AAL 5
- ATM Service Class: UBR
- Virtual Circuit Support: 1 PVC
- DSL Auto-provisioning & ILMI v4.0
- End-to-end loopback: OAM

LEDs/Indicators

- Power
- USB
- ADSL
- Ethernet

Operating Environment

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

Regulatory Agency Approvals

- FCC approved: Part 68 and Part 15, Class B
- IC approved: CS-03 and ICES-003
- UL listed
- CUL listed

Package Contents

- U.S. Robotics SureConnect ADSL USB/Ethernet Modem
- RJ-11 Phone Cord (4 wire)(26 AWG)
- USB Cable (3 ft./0.92 m)
- Ethernet Cable (6 ft./1.83 m)
- Quick Installation Guide
- U.S. Robotics SureConnect Installation CD-ROM
- AC Power Adapter

Dimensions/Weight

- Length 4.3 in. (10.9 cm)
- Width 7.1 in. (18.0 cm)
- Height 1.7 in. (4.3 cm)
- Weight 8.2 oz (0.25 kg)

Warranty

- Two-year limited warranty from date of purchase

Model Number

- 9002 ADSL USB/Ethernet Modem



* Only 1 port can be active at a time.

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

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

§ 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.

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