

Model **9105**

SureConnect™

ADSL Modem and
4-Port Router



Features and Benefits

DSL Internet access that easily networks multiple users in any small office or home



Built-in 4-port switch

An integrated 4-port Ethernet switch makes it easy to get multiple users online*.



Easily expand

Supports up to 253 users via Ethernet (with additional switches) or wireless connections†.



Superior ADSL performance

Includes S=1/2 Technology for speeds up to 12 Mbps‡.



Easy setup and operation

User-friendly, wizard-based software provides easy setup and trouble-free operation. The Web-based diagnostics and connection monitoring software sets a new standard for convenience and easy of use.

Broad operating system support

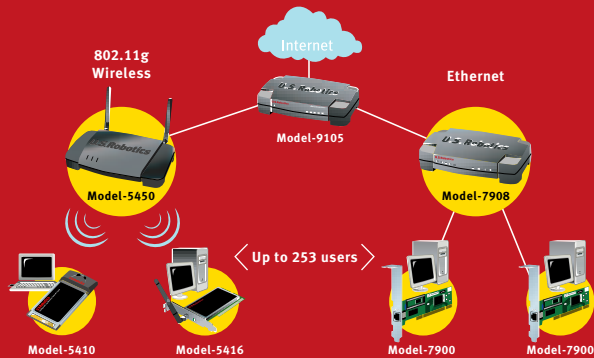
Ethernet compatibility ensures operation with any operating system that supports an Ethernet connection with an IP stack§.

Industry compatibility

Meets or exceeds key industry standards for performance and compatibility. Supports TR-48, UR-2, and other performance standards for DSLAM interoperability.

Ready. Set. Connect.™

Integrated office solution

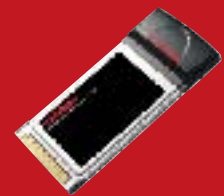


Total ADSL solution – U.S. Robotics offers a complete solution of high-speed *SureConnect* ADSL modems and routers, Ethernet-based networking products, and our new 802.11g Wireless Turbo family of products. U.S. Robotics has everything you need for a complete, integrated ADSL solution.



802.11g Wireless Turbo Multi-Function Access Point – Model 5450

- Ideal for bridging wired and wireless networks
- Includes multiple operational modes for a customizable solution



802.11g Wireless Turbo PC Card – Model 5410

- Ideal for laptop computers
- Allows for full wireless mobility



8-Port 10/100 Ethernet Switch – Model 7908

- Ideal for small offices – robust and reliable performance
- Unique stackable case design minimizes desktop clutter



Secure Storage Router Pro – Model 8200

- Ideal for secure data management in any small business
- Offers robust features and functionality in an upgradable, customizable platform
- Includes two USB 2.0 ports and one Firewire port for network attachable storage

Standards and Specifications

- S = 1/2 for up to 12 Mbps
- 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)
- RFC 2516 PPP over Ethernet (Client)
- RFC 2364 PPP over ATM
- RFC 2684 (formerly 1483) Multi-protocol over ATM (Bridged and Routed)

Router Features

- IP (RFC791) v4 , UDP, TCP, and ICMP
- NAT/PAT
- ARP
- Static Routing, Dynamic Routing
- DNS Relay/Client, DNS (primary & secondary support)
- DHCP client/server
- IGMP Proxy
- TCP/IP with RIP v1 and v2
- NetBios
- Universal Plug and Play (UPnP)
- IP Extension (Half Bridge)

Firewall and Security Features

- SPI – Stateful Packet Inspection
- Denial of Service
- IP Filtering – Destination for address or port and by IP protocol (outbound only)
- Syslog – Reporting of firewall events
- VPN Traversal (Pass-through IPSec, PPTP, L2TP)
- Password protected configuration access
- DMZ, virtual server support

Bridging Features

- Transparent bridging RFC1483 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: 8 PVCs
- End-to-end loopback: OAM
- ATM pacing, policing (QOS)
- Traffic Management 4.1

Management Features

- Telnet server (menu driven interface)
- HTTP Server (local & remote Web-based GUI)
- TFTP Remote Upgrade
- SNMP V1 and V2

Management Features (continued)

- Ping
- Remote Management Access (including configuration, upgrades, and access to management Web server)

LEDs/Indicators

- Power
- ADSL
- WAN IP
- Ethernet 1 - 4

Environment Specifications

- Temperature conditions: 32 - 122° F (0 - 50° C)
- Humidity: 5% to 95% RH non-condensing
- MTBF: 266,753 Hours@40 degrees C
- Input Power requirement: 16VAC,1.2A

Regulatory Agency Approvals

- CE approved

Package Contents

- U.S. Robotics *SureConnect* 4-Port Router with Integrated ADSL Modem
- Gray RJ-11 Phone Cord (4 wire)
- Power Adapter and Cord
- Yellow Ethernet Cable (6 ft/1.83 m)
- Quick Installation Guide
- U.S. Robotics *SureConnect* Installation CD-ROM

Product Dimensions/Weight

- Dimensions
 - Length 5.5 in. (13.97 cm)
 - Width 9.2 in. (23.36 cm)
 - Height 1.6 in. (4.06 cm)
- Weight
 - 16 oz (0.454 kg)

Package Dimensions/Weight

- Dimensions
 - Length 11 in. (27.94 cm)
 - Width 3.8 in. (9.66 cm)
 - Height 8.9 in. (22.6 cm)
- Weight
 - 48 oz (1.362 kg)

Warranty

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

Model Number

- 9105 – ADSL Modem and 4-Port Router



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

† Designed to host 4 Ethernet devices: capable of hosting up to 253 devices with additional hubs. See www.usr.com for U.S. Robotics 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 NT4.0, Windows 2000, or windows XP.

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