

SpeedStream® SOHO DSL Routers—Ethernet and Ethernet/USB



The Secure Broadband SOHO Solutions

CORPORATE-CLASS SECURITY

ICSA-compliant Stateful Inspection Firewall with Denial of Service (DoS) protection provides advanced security for Internet connections by preventing unauthorized access and shielding against outside attack. A choice of pre-defined or fully custom settings, make online security a reality—even without an IT staff.

FLEXIBLE INTERFACE SELECTION

Available models provide the flexibility of connecting a PC via Ethernet or a USB port. Ethernet allows near-universal connectivity to desktop or laptop PCs equipped with an Ethernet NIC. The addition of USB allows plug-and-play installation on any USB-equipped PC running Windows® 98, 98SE, 2000, Me, or XP without ever opening the computer.

PPPOE CLIENT

Embedded PPPoE client means no additional PC software is needed for broadband connectivity. An intuitive, web-based graphical user interface (GUI) makes installation effortless. Pre-configured Application Level Gateways (ALGs) support most popular games and applications, making remote interaction a snap.



*Ethernet/USB combo model only

SOHO DSL Routers—Ethernet and Ethernet/USB

SpeedStream® SOHO DSL Routers bring network security and connection flexibility to small offices or home offices (SOHO) needing to share DSL access. Available models offer users the flexibility of connecting with convenient Ethernet or using effortless, plug-and-play USB. This maximizes both provider deployment options and end-user value.

SpeedStream® SOHO DSL Routers have full-featured Web-based management and diagnostic tools, making support a snap. Their comprehensive routing features include: support for Network Address Port Translation (NAPT); Dynamic Host Configuration Protocol (DHCP); and Domain Name Server (DNS) relay.

Online security is vital, so SpeedStream® SOHO DSL Routers come with advanced features for network protection. A simple-to-configure, ICSA-compliant stateful inspection firewall, together with NAPT, provides corporate-class security—and lets users focus on the 'Net experience, not the technology behind it.

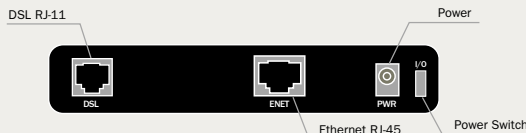
Flexible, feature rich, and rock-solid secure—get a SpeedStream® SOHO DSL Router and enhance your SOHO DSL capabilities today!

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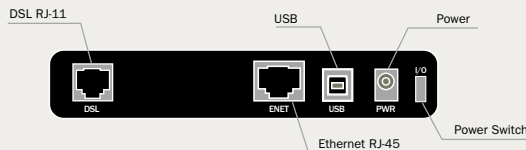
Features and Benefits

- Configurable ICSA-compliant Stateful Inspection Firewall with Denial of Service (DoS) protection, provides secure communication and Internet access
- Enables multiple LAN devices to share a PPPoE session
- Web-based management and diagnostics, along with Web-based (HTTP) configuration of PPPoE parameters enables easy deployment
- Concurrent NAT and NAPT
- Available models provide the flexibility of connecting PCs via Ethernet or both USB and Ethernet
- 10/100 Ethernet provides full-rate LAN performance
- Up to 8 Mbps downstream and 1 Mbps upstream ADSL provides true broadband experience
- Support for G.lite and full-rate ADSL ensures compatibility with most DSL networks
- Simple plug-and-play installation
- Ethernet/USB combo model is WHQL (Windows Hardware Quality Labs) certified, insuring plug-and-play USB installation on any PC running Windows® 2000, Me, or XP
- Enhanced online gaming features such as DMZ and Firewall “Snooze”
- Peace of mind through parental controls such as individual user profiles and content filtering

Ethernet back panel



Ethernet/USB back panel



Technical Specifications

Routing

RFC 2364 Point-to-Point Protocol (PPP) over ATM PVCs
RFC 2516 Point-to-Point Protocol (PPP) over Ethernet
RFC 2684 (formerly 1483) Bridged Ethernet encapsulation
RFC 2225 (formerly 1577) Classical IP over ATM
PPPoE Relay/Bridging
Network Address Translation (NAT)
Network Address Port Translation (NAPT)
DHCP server and DNS relay agent
PAP or CHAP Auto-detection
TCP/IP with RIP1 and RIP2 or static routing on the LAN and/or WAN
Dynamic DNS support

Bridging

RFC 2684 (formerly 1483) Bridged Ethernet over ATM PVCs
IEEE 802.1d transparent, learning bridge
Dynamic learning of up to 255 addresses
Spanning Tree Algorithm

AAL and ATM Support

Precise Peak Cell Rate traffic shaping on a per-VCC basis,
Up to 8 active VCCs across VPI 0-255,
VCI 0-65535 address range
ATM Forum UNI3.1/4.0 PVC
ATM Traffic class: UBR, CBR, VBRnrt, VBRrt
OAM F5

Management

Web-based graphical user interface
Instant operation from an operator-defined service profile
Intuitive Command Line Interface (CLI)
Telnet
SNMP v1
UPNP support
XML Management Scheme
DSL Forum 2002-281
User profile wizard
WAN Interface configuration wizard

Security

PAP (RFC 1334), CHAP (RFC 1994)
Password Authentication
Access Control list
Stateful Inspection Firewall with Denial of Service (DoS) Protection
Pre-configured firewall levels for ease of use with “Custom” level for advanced users
Filter on source and/or destination IP address
Filter on transport protocol and/or port number
Firewall logging with Network Time Protocol support and Syslog support
DMZ support and Firewall “Snooze” feature
Graphical User Interface
Content Filtering

Diagnostics

Comprehensive hardware diagnostics
Comprehensive Ethernet, ATM, and ADSL statistics
Comprehensive system log

Media Interface

RJ-11 ADSL connection
10/100 Base-T RJ-45 Ethernet connection
Standard USB connection (Ethernet/USB combo model only)

Visual LED Indicators

Power, ADSL, Ethernet,
USB (Ethernet/USB combo model only)

Power

External Power Supply
Input: 120VAC, 300mA, 60Hz
Output: 12V/1A

Standards Compliance

IEEE 802.3
ADSL: G.dmt, G.lite, ANSI T1.413 Issue 2
USB 1.1 (Ethernet/USB combo model only)

Certifications

FCC Part 15, Class B
FCC Part 68
CE certification
UL listed
CSA
CS-03
Industry Canada Mark
WHQL (Ethernet/USB combo model only with Windows® 2000, Me, or XP)

Warranty

1 year parts and labor for hardware
Additional year available with product registration

System Support/Minimum Requirements

Ethernet Installation

Ethernet NIC
Operating system that supports TCP/IP over Ethernet

USB Installation (Ethernet/USB combo model only)

Windows® 98, 98SE, 2000, Me, or XP
Pentium® processor 166MHz or faster
32MB RAM
12MB free disk space
Free USB 1.1 or higher port



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