*Multi*Com *SpeedSurf*

Surf the Internet on a high-speed wave !

The MultiCom SpeedSurf perfectly connects home or small business networks to the Internet over an existing xDSL, cable or wireless modem. It provides a cost-effective way to share only one IP address with an unlimited number of users.

The integrated firewall with stateful filtering protects your computers from unwanted outside attacks. You can also configure the gateway to block specific users' access to the Internet.

The MultiCom SpeedSurf can be easily installed, configured and managed through a Web browser. The 10 Mbits/s interface on the WAN side allows for speedy multimedia connections while keeping your internal network secure thanks to a bullet-proof firewall.

A small and powerful device made in Switzerland!
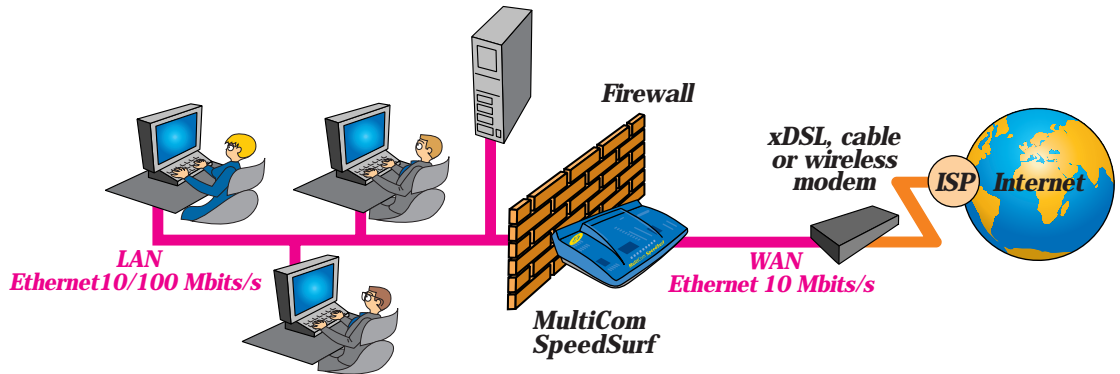
LIGHTNING

- Easy installation, configuration & management
- Built-in stateful firewall stops hackers
- High-speed Internet access for small and home offices
- Free software upgrades
- Limited lifetime warranty

IPSec option

SWISS QUALITY

MultiCom SpeedSurf Software Features
Surf the Internet on a high-speed wave !

Firewall

xDSL, cable or wireless modem

ISP Internet

LAN Ethernet10/100 Mbits/s

MultiCom SpeedSurf

WAN Ethernet 10 Mbits/s

Embedded LIGHTNING-Linux inside

Flash upgradable

LIGHTNING

LIGHTNING Instrumentation SA
Avenue des Boveresses 50
CH-1010 Lausanne
Switzerland
www.lightning.ch
info@lightning.ch

Phone +41 21 654-2000
Fax +41 21 654-2001

Your LIGHTNING representative:

Internet & Remote Access
- Easy Setup & Easy Firewall via the Web interface or the multi-platform configurator
- Dynamic DNS to manage changing IP Addresses
- Port & Address Translation (PAT) allows multiple (or selected) users to share the Internet connection
- Multiple PAT combined with Multiple NAT (Network Address Translation) allows new value-added services for ISPs
- *Load Sharing* on incoming traffic (for example for a Web server farm)
- Multimedia (H.323, IRC, ICQ) and PPTP client connection passthrough support with NAT
- DHCP client for dynamic addressing of the MultiCom
- DHCP server (*up to 1000 clients*) for automatic assignment of IP configuration to clients or DHCP Relay on any interface
- Works with any PC, Macintosh or Unix computer with an Ethernet interface that runs TCP/IP.
- MAC hardware address and MTU size editing
- Compatible with PPPoE, for single or *multiple* concentrators (for ISP backup purpose)
- DNS proxy and cache for easier client setup

LAN-to-LAN connectivity
- IP protocol routing
- Static and/or dynamic TCP/IP addressing
- ARP Proxy for virtual IP configuration
- Static and dynamic routing (RIP v.1 + v. 2)
- Wire-speed Ethernet performance

Virtual Private Networks Options
- IPSec protocol VPN with Preshared and Manual Keys supporting AES (Rijndael), CAST128, Twofish, Blowfish 3DES, and DES
- SSH v1 and v2 Port Forwarding*
- VPN Client software available

Network Management
- Platform-independent configuration and monitoring tool with multi-language Graphical User Interface
- Embedded multi-language web interface (Apache-based)
- Flash EPROM for Web-based firmware upgrades, locally and remotely
- Event-driven management with customizable Syslog messages
- Telnet, console and ssh Command Line Interface (CLI) with network tools like ping, traceroute, and name server lookup
- Network Services like SNMP v. 2 Agent, NTP, and FTP
- Password-protected System Management for access control
- Secure SSL (HTTPS) & SSHv2 (telnet) for remote configuration
- DNS Server to name internal servers and workstations*

Security
- Powerful Stateful Packet Inspection firewall for controlled access to/from your network, for *unlimited* clients (simple and advanced configuration interface)
- Can protect against External Intrusions, Denial of Service (DoS), Port Scanning and Spoofing Attacks
- Network Intrusion Detection System (NIDS) with SNORT*
- Digitally-signed firmware upgrades
- URL Filtering to block access to unwanted Internet sites*

Physical Interfaces
- Dimensions: 13.6 x 8.5 x 3.0 cm
- Weight: 0.12 kg
- Ethernet: LAN 1 x RJ-45 MDI 10/100 Mbits/s
              WAN 1 x RJ-45 MDI 10 Mbits/s
- Console: 1 x RJ-45 RS-232 (Tx/Rx only)
- Display: WAN, LAN, Security, Power
- Power: 4.5 V DC, 1.5 A, with adapter
- Temperature: 5° to 40° C
- Humidity: 10% to 85%, non-condensing
- Noise level: Noiseless
- Security: Kensington Lock Slot
- Configuration: Default config button

* This feature was not available at press time.

Config Power Console   LAN —— Ethernet —— WAN
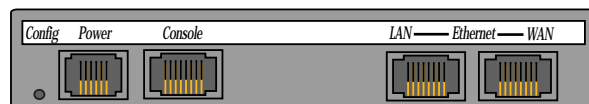
For ordering information, please contact your distributor or LIGHTNING Instrumentation SA.

Windows

Includes Netscape Communicator

Includes Microsoft Internet Explorer

Version 04/03

The MultiCom family