*Multi*Com *Ethernet III*

Stateful firewall included

Corporate-class unlimited firewall gateway for broadband Internet access

The MultiCom Ethernet III is the perfect solution for connecting small and medium enterprises to the Internet, meeting the needs of an easy to use, secure and affordable firewall gateway for permanent broadband access via ADSL, cable or wireless modems.

Three distinct Ethernet ports allow for dividing the network into a partially publicly accessible zone (DMZ) for E-mail, web or E-commerce servers and a completely protected zone (Intranet) to secure your sensitive company data. The powerful stateful firewall with customized syslog reporting protects your LAN effectively from outside hacker attacks.

The integrated switching hub allows to connect all your PCs directly to the MultiCom Ethernet III.

LIGHTNING-Linux benefits:

Easy Configuration
Security
Reliability
Feature-rich

Embedded LIGHTNING-Linux inside

Security:
built-in stateful firewall prevents from intruders

High-speed:
WAN 10 Mbit/s Ethernet port for broadband Internet access

Easy connection:
integrated 4-port Ethernet switching hub 10/100 Mbits/s

Time-saving:
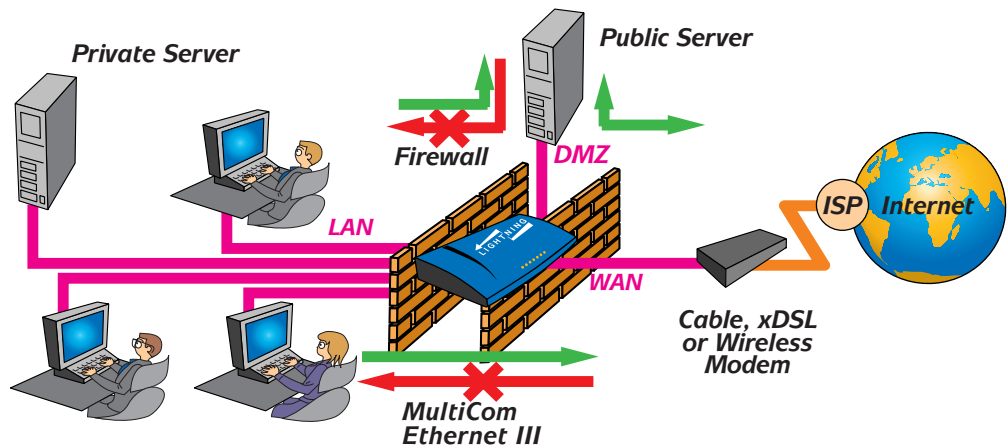Easy configuration & remote management and firmware upgrade

IPSec ready

LIGHTNING

SWISS QUALITY

MultiCom Ethernet Family Software Features
Corporate-class unlimited firewall gateway for broadband Internet access

Private Server

Public Server

Firewall

DMZ

ISP **Internet**

LAN

WAN

Cable, xDSL or Wireless Modem

MultiCom Ethernet III

Flash upgradable

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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 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:	26 x 18 x 3.5 cm	
• Weight:	0.7 kg	
• Ethernet:	LAN Switch	4 x RJ-45 MDI-X 10/100 Mbits/s
	WAN	1 x RJ-45 MDI 10 Mbits/s
	DMZ	1 x RJ-45 MDI 10/100 Mbits/s
• Console:	1 x RJ-45 RS-232 (Tx/Rx only)	
• Display:	WAN, DMZ, LAN1-4, Security, Power	
• Power:	9 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	LAN 4	LAN 3	LAN 2	LAN 1	DMZ	WAN	Ethernet	Console
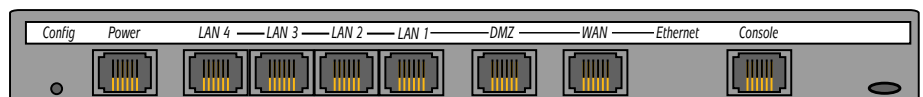
For ordering information, please contact your distributor or LIGHTNING Instrumentation SA.

Linux

Windows

Apple

Includes Netscape Communicator

Includes Microsoft Internet Explorer

Version 04/03

The MultiCom family