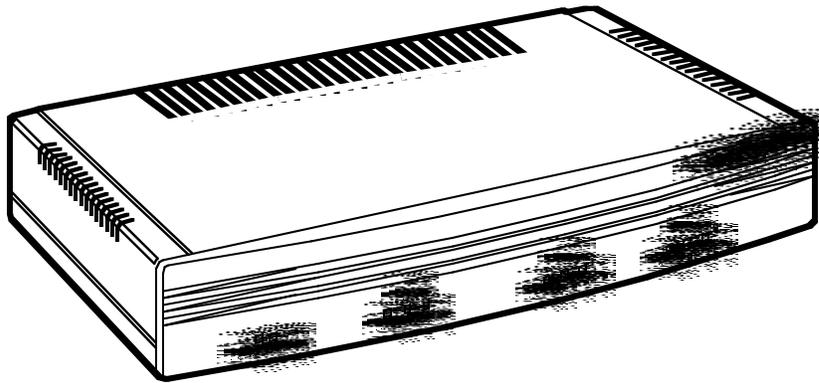


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### WebRamp 700s



*This affordable appliance keeps Internet intruders out and ensures that your system's users aren't surfing in off-limits areas.*

#### Key Features

- ▶ *Simplicity makes installation and management easy and solid.*
- ▶ *Ideal for school districts or businesses that want to block access to inappropriate Web content.*
- ▶ *Shields your system from service attacks.*
- ▶ *Enables you to protect your entire network without changing existing client configurations.*
- ▶ *Advanced features such as DMZ and Remote Access satisfy the needs of most demanding networks.*
- ▶ *Configurable user list lets you accommodate up to 100 telecommuting users.*
- ▶ *Gives you transparent network access without direct exposure to the Internet.*

**T**he new BLACK BOX<sup>®</sup> WebRamp 700s provides superior Internet security for small- to mid-size networks. And, unlike most security solutions available today, the device is both easy to use and easy on the wallet.

Foremost, the hardware appliance shields your local network from hackers attempting to steal, destroy or modify data.

But it can also keep your network's authorized users from wandering astray, accessing pornographic or other objectionable material while they're online.

#### Security with ease

To protect your network against theft, the appliance uses Stateful Inspection, considered by experts to be the most secure form of firewall protection on the market. It shields your network from IP Spoofing and Denial of Service attacks.

The WebRamp 700s comes with three Ethernet ports that separate the network into three physical areas: a LAN port for your protected private network, a WAN port for the Internet, and a DMZ port for protected public servers. With three ports, you can simply

install the device on an existing network without changing any of your clients' configurations.

The LAN port attaches to the network whose users are secured from the outside world but can still use e-mail, FTP and the Web. "Inbound access," however, is limited to authorized users.

Machines attached to the DMZ port, although visible to the outside world, are protected from service attacks, such as Syn Flooding and Ping-of-Death. Servers on the DMZ port can also be accessed by users on the secure LAN.

#### Filter out the rest

To prevent your users from accessing unauthorized online material, simply select the categories of content to filter and the device automatically blocks the Internet sites and newsgroups that fall under that category.

The WebRamp 700s employs the highly regarded

CyberNOT filter list from Microsystems Software, which is also used in products offered by AT&T, IBM, and The Scholastic Network.

You can even customize the filter list. Sites may be added to the list to be blocked or access to blocked sites granted. In addition, users can be given a password to bypass the filter and have unrestricted Internet access.

You can also order an optional software download which automatically updates your filter list via the Web. This download, a yearly service that you can order in advance, updates your authorized site list on weekly basis.

Installation of the WebRamp 700S is quick and easy. Just plug it in between your LAN and Internet router and spend a few minutes selecting the filtering options from the simple, Web browser-based configuration screen.

#### Typical Application

*Concerned with liability issues in your office? Take preventive action! Use the WebRamp 700S to keep LAN users from accessing sites that cater to objectionable activity—and open your company to employee lawsuits or other legal action.*

## Technically Speaking

All management on the WebRamp 700S is done from a Web browser using the device's Management Interface.

This management can be performed from any computer connected to the same network as the device. However, your Web browser must be Java-enabled and support HTTP uploads. If it doesn't support such uploads, certain features (updating the firmware, uploading pre-configured settings) won't work. The recent version of Netscape Navigator has all the functions you need.

Other functions:

**Content Filtering** allows schools and businesses to create and enforce Internet access policies tailored to the needs of the organization.

**Stateful Inspection** prevents theft on the LAN, as well as IP Spoofing and Denial of Service attacks. It provides superior firewall security when compared to traditional packeting filtering and proxying methods because all aspects of the communication flow are examined.

**ActiveX, Java, and Web Cookie Blocking** — The device is able to block applets downloaded from Web pages. This option is available because it can be harmful to allow unknown programs to run in your system. You may also want to block "cookies" out, too.

**Invisible Operation** — Proxying methods require LAN users to change their computer configurations or to learn new ways to access Internet data. In contrast, the Firewall Plus is completely invisible to LAN users and doesn't require changes in configuration or access methods.

**Remote Access Authorization** allows your authorized users to establish an Authenticated Session to access the LAN from remote locations on the Internet. Authentication is established using an MD5-based security mechanism via a Web browser.

**Network Address Translation (NAT)** provides anonymity to machines on the LAN by connecting the entire network to the Internet using a single TCP/IP address. This is useful because additional security is provided when all the LAN addresses are invisible to the outside world. Additionally, in cases where a LAN uses invalid TCP/IP addresses, NAT can be used to connect the LAN to the Internet without changing the TCP/IP addresses of computers and other devices attached to the LAN.

**Intranet Support** — The device can segment areas on a LAN to create a secure zone. For instance, you can isolate some of your computers from the rest of your office network.

**Reporting & Statistical Analysis** — The WebRamp 700S can perform a rolling analysis of the event log to show the top 25 most-accessed Web sites in your office. This feature also lists the top 25 users of bandwidth by IP address and the top 25 users of bandwidth by service.

**Logging & Alerts**—For added security, the WebRamp 700S maintains a log of events. The log can be viewed with a browser using the device's Web-managed interface. It can also be automatically and periodically sent as a tab-delimited text file to any e-mail address for convenience and archival purposes. When you want to be alerted to high-priority information—such as an attack on the server—the information may be immediately e-mailed either to the main e-mail address used by the log or to a different address, like that of your pager.

**Flash Upgrades** — The device's firmware is flash upgradable as new features and bug fixes become available.

**Abundant Throughput** — Its 6.5-mbps throughput is enough to filter and protect networks with multiple T1 Internet connections.

## Additional equipment you may need:

- Category 5 Color Patch Cable, 4-Pair, Straight Pinned, PVC, Beige, Custom Lengths (EVMSLO5)

## The complete package:

What you get when you order the LR2581A

- WebRamp 700S appliance
- (1) 5 VDC, 1.5A power supply
- User manual

## For these and other components...

Call our expert Technical Support Staff for all your LAN needs. They'll help you find the best equipment for your application.

## Specifications

**Ports** — LAN: (1) RJ-45 Ethernet, (1) BNC Ethernet;  
WAN: (1) RJ-45 Ethernet, (1) BNC Ethernet;  
DMZ: (1) RJ-45 Ethernet, (1) BNC Ethernet

**Ethernet Interface** —  
10BASE-T Twisted Pair:  
RJ-45; 10BASE-2 Thin  
Ethernet: BNC

**LEDs** — Power, Test, Link, Transmit, Receive

**Protocol Compatibility** —  
IP, TCP, UDP, ICMP

**Power** — 5 VDC, 1.5 A

**Size** — 3.8 x 22.2 x 15 cm

**Weight** — 0.56 kg

## Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
WebRamp 700s	
5-User .....	LRU9900-5
25-User .....	LRU9900-25
100-User.....	LRU9900-100