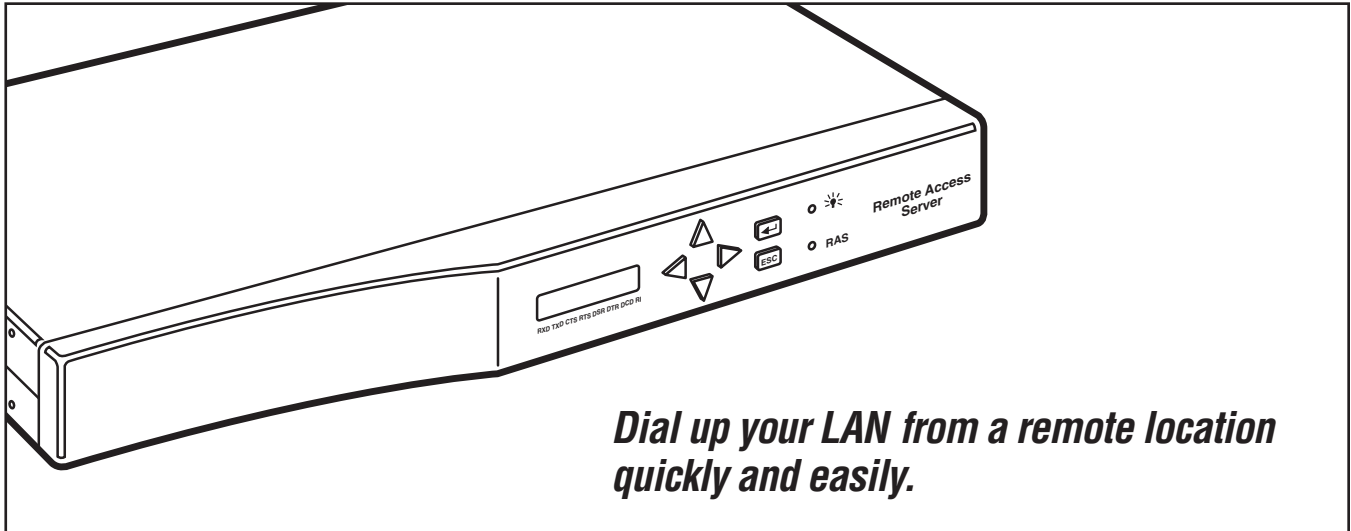


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# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### REMOTE ACCESS SERVER



*Dial up your LAN from a remote location quickly and easily.*

#### Key Features

- ▶ **Access resources on today's most popular networks, including NetWare<sup>®</sup> 3.x and 4.x.**
- ▶ **Choose from 2-, 4-, or 8-port models for Ethernet or Token Ring.**
- ▶ **Includes Windows<sup>®</sup> based management software.**
- ▶ **Front-panel display and keyboard.**
- ▶ **Supports external ISDN terminal adapters.**
- ▶ **In-band and out-of-band management functions.**

#### Overview

Whether you're on the road making a sales call or working at home, you can dial up the Remote Access Server and access the office network while you're away.

The Remote Access Server works with a wide range of hosts—NetWare<sup>®</sup> 3.x and 4.x, OS/2<sup>®</sup> LAN Server, Windows for Workgroups, Windows NT<sup>™</sup>, and UNIX<sup>®</sup>.

And now the updated Remote Access Server boasts many new features that make it even more flexible.

In addition to supporting more operating systems, the server allows you to dial up your LAN using IP. Network administrators can now use IP to configure the Remote Access Server over routers.

The improved model has protocol enable/disable options as well as IP and IPX packet

filtering. Intuitive, menu-driven screens guide you through the installation process.

Available in three models—2-, 4-, and 8-Port—the Server features high-speed serial ports that support up to 115 kbps.

If you're a network manager, you'll be pleased at just how easy it is to manage the Remote Access Server. The server includes Windows-based management software that lets you install and manage the server from a PC that's attached to your LAN directly or remotely via high-speed modems. That way, you have easy access to self-explanatory configuration and network diagnostic information.

You can also manage the Server directly from its front-panel display and keypad.

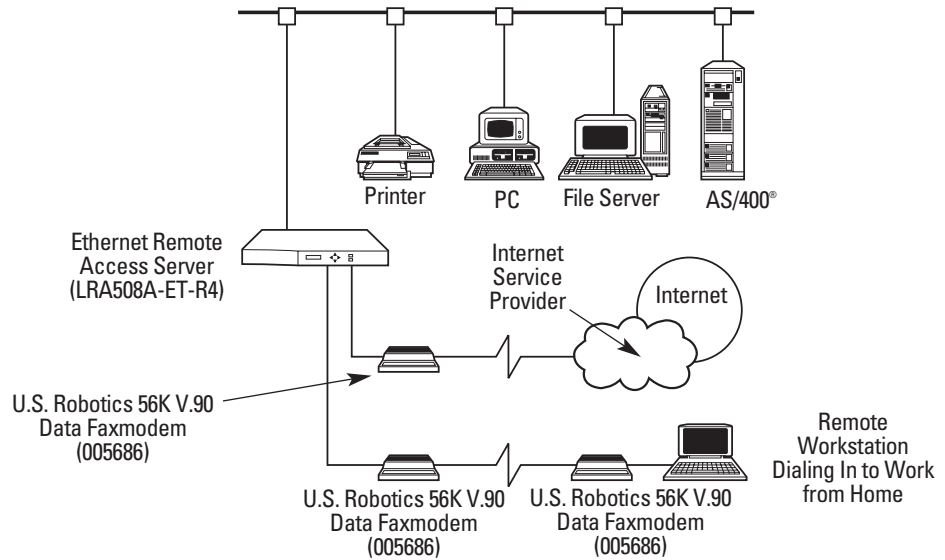
The Server easily connects to popular asynchronous modems (such as the 33.6-kbps Sportster), 56-kbps modems, and ISDN terminal adapters, too. It also features built-in security that protects your network from unauthorised access. In addition to individual user-name and password protection, the Server also supports fixed dial-back confirmation.

Other features include a DOS and Windows dialer and in-band and out-of-band management functions for supreme flexibility.

#### Typical Application

Use the Remote Access Server so your sales force can dial in to the office LAN—via their laptops and async modems—and print reports, get new product updates, and access their e-mail.

**Telecommute from remote PCs connected to your office via the Remote Access Server.**



## Specifications

**LAN Environments** — Novell NetWare 3.x and 4.x, IBM OS/2 LAN Server, Windows NT Advanced Server, Windows for Workgroups, Microsoft LAN Manager, UNIX, IBM hosts

**Network Driver Support** — ODI, NDIS 2.0

**Remote PC Requirements** — IBM PC DOS 5.0 or higher, Windows 3.1, Windows for Workgroups; IBM compatible 80386 or better; Industry-standard async modems (min. 14.4 kbps recommended) or ISDN terminal adapters; 16550 UART recommended

**Indicators** — LEDs: Power, System Operational, LAN Connect, 2-line x 16-character LCD panel

**Protocol** — Novell IPX, TCP/IP, NetBIOS/NetBEUI, LLC (802.2)

**Power** — 90 to 230 VAC (autosensing), 50 to 60 Hz, 40 watts

**Size** — 4.6 x 43.4 x 24.1 cm (1.8"H x 17.1"W x 9.5"D)

**Weight** — LRA502A-ET-R4: 2.2 kg (4.8 lb.); All other models: 4.4 kg (9.7 lb.)

## Technically Speaking

- With the Remote Access Server, remote PCs act like a local node on your Ethernet or Token Ring network, so they can access all network resources in NetWare, OS/2 LAN Server, Windows NT, Windows for Workgroups, or LAN Manager.

- The Server supports applications that require a fixed MAC address assigned to specific users, such as Client Access, PC Support 400, and PC Support.

- If you're a Windows 95 or 98 user, the Server features a native dialup networking facility.

## Ordering Information

ITEM	CODE
Remote Access Server	
Ethernet	
2-Port .....	LRA502A-ET-R5
4-Port .....	LRA504A-ET-R5
8-Port .....	LRA508A-ET-R5
Token Ring	
2-Port.....	LRA502A-TR-R5
4-Port.....	LRA504A-TR-R5
8-Port .....	LRA508A-TR-R5