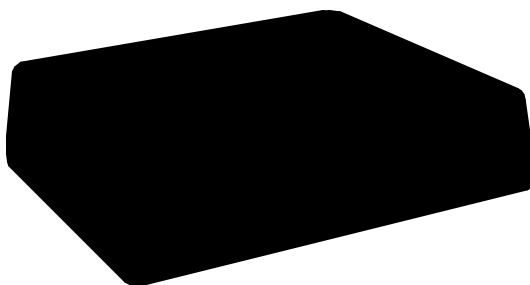


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### 500 Series ISDN Routers



*This router's perfect for small-office internetworking applications.*

#### Specifications

**Link Speed** — 128 Kbps aggregate

**Protocols** — Routing: IPX<sup>™</sup>, RIP, SAP, IP, ARP, ICMP; Bridging: 802.3/Ethernet-Transparent MAC layer bridging, 802.1D-STP; Security: NetSAFE Firewall, PAP, CHAP; Wide-Area: HDLC, PPP/MP, IPCP, IPXCP, BCP, CCP; Spoofing: TCP Session Keepalives, IP RIP Broadcasts, IPX Watchdogs, IPX SAP Advertisements, IPX RIP Broadcast, IPX Serializations

**Analog Interfaces** — (2) RJ-11 ports, DTMF dialing, Ringer equivalence of 5 (total)

**WAN Interface** — BRI (U interface for North America, S/T for Europe and International) 2 x 56/64 Kbps

**WAN Services** — ISDN Switched/permanent channels (for example, German Monopole 64S and Japanese Super Digital)

**Wide-Area** — Data compression increases throughput by 600%; Stac LZS Compression

#### Bandwidth Management

— Transparent link activation, time-of-day activation, IP destination address, IP & IPX session traffic, IP & IPX protocol spoofing

#### Network Management

— SNMP, In-band management (Telnet), Out-of-band management (Built-in console)

#### Internet Security

— NetSAFE Firewall

#### Certifications

— FCC Class A; Type Approvals: NI-1 (North America), NET3 CE mark (Europe); 115V power supply: UL<sup>®</sup> and CSA approval; 230V power supply complies with TUV and VDE

**Operating Temperature** — 2 to 50°C

**Humidity** — 20 to 80%, noncondensing

**Maximum Altitude Tolerance** — 10,000 ft. (3048 m)

**Power** — Wallmount power supply, 115V (230-V power supply available upon request)

**Size** — 4 x 15.5 x 11 cm

**Weight** — 0.3 kg; Shipping Weight: 0.7 kg

Connect up to 10 LAN users to a remote central LAN or to the Internet. Once connections are up and running, users can remotely access and transfer files, send print jobs, and send and receive email.

Optional features include compression, spoofing, voice ports, and NetSAFE.

**Compression** boosts the volume of data sent on the ISDN B channels by as much as 600%. This reduces the time needed to send a given volume of data.

The Router uses **spoofing** to suspend the call and "spoof"

the line when inactivity is detected. The Router then automatically re-establishes the ISDN connection when demand for data transfer is identified.

Reduce the number of analog phone lines in your office by connecting voice and fax devices to the Router's two **voice ports**.

Finally, the Router provides a **NetSAFE Firewall** to prevent intruders from entering your network via the Internet. NetSAFE secures all of the stations on your local network while still allowing access to your Web server.

### Ordering Information

*This information will help you place your order quickly.*

#### PRODUCT NAME

#### ORDER CODE

500 Series ISDN Routers

IP with PPP .....LR1500A-EU-R2

*You may also want to order:*

RJ-45 (8-Wire) Modular Cable,

7-ft. (2.1-m), Straight-Pinned .....EL08MS-07