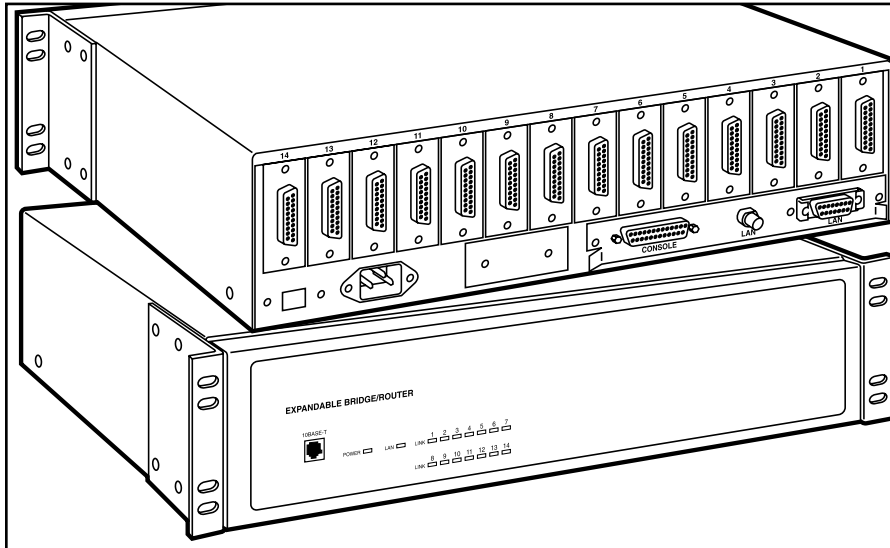




BLACK BOX[®]

NETWORK SERVICES

EXPANDABLE BRIDGE/ROUTER BASE SYSTEM



This fully modular bridge/router is your solution for connecting remote offices to a central site.

Key Features

- ▶ **Reduces networking costs and prevents excessive on-line charges.**
- ▶ **Leased-line support at speeds up to 2.048 Mbps.**
- ▶ **Redundant power supply provides mission-critical backup.**
- ▶ **Send 600% more data over WAN links.**
- ▶ **Hot-swappable WAN modules.**
- ▶ **Routes IP and IPX protocols and bridges all others.**

With the Expandable Bridge/Router from Black Box, you've got everything you need to centralize your global network in one box. And that means you can control management, diagnostics, and system upgrades from one convenient location.

Onboard data compression optimizes available wide-area bandwidth, so you can send 600% more data over lower-speed, lower-cost links. As a result, you save over the long run and can recover your initial savings within months. Data compression also extends the lifespan and usability of these lower-cost lines.

Filtering based on protocol, on address, and on any byte/nibble in your Ethernet frame protects your

network from unauthorized users. Call authentication also helps eliminate the possibility of intruders entering your network without access privileges.

Manage the Router with the menu-based user interface for local and remote management. Plus, since the units support SNMP, you can also manage the Bridge/Routers via any centralized SNMP network-management system.

Choose the Expandable Bridge/Router base model for your leased-line application. Then choose the interface modules you need for complete WAN connectivity. (The modules are hot-swappable.) You can also expand the 7-port models up to 14 links simply by adding the Expansion Card.

Note: The Expandable Bridge/Router supports leased-line applications. Optional software is available to configure the Expandable Bridge/Router for ISDN-only applications. (Call Technical Support for details.)

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.

- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical

support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't

worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Specifications

Aggregate Link Rate: 8 Mbps
(4 x 2.048 Mbps)

Filtering: STAC LZS

Compression: 14,880 pps

Security: NAT, DHCP, PAP/CHAP
NetSAFE Firewall

Line Type: Leased, ISDN

Speed: WAN: Up to 2.048 Mbps;
Aggregate: 4 Mbps (E1);
LAN: 10 Mbps

Protocols: **Routing:** PPP, IP, IPX™, RIP, ARP, SAP, ICMP;
Network management: SNMP, Telnet™, RS-232;
Bridging: MAC layer 802.3/
Ethernet, Spanning Tree
802.1D-STP;
Wide area: HDLC/LAPB

Software: In Flash ROM

Interfaces: LAN: 10BASE-T (RJ-45),
10BASE2 (BNC),
10BASE5 (AUI);

AUI compatible with FOIRL fiber
transceiver;

WAN: RS-232 to 19.2 kbps;
V.35, RS-422/530, and X.21 to
2.048 Mbps

Temperature: 2 to 50°C

Humidity: 20 to 80% noncondensing

Power: 80-240 VAC, 50-60 Hz,
autosensing, 100 watts maximum

Size: 11.2 x 44.5 x 30 cm

Weight: 6 kg

Ordering Information

ITEM	CODE
Expandable Bridge/Router Base System	
Single Power Supply	
7-Link.....	LR6007A
14-Link	LR6014A-R2
Dual Power Supply	
7-Link.....	LR6107A
14-Link	LR6114A-R2
WAN Interface Modules	
V.11/X.21, DB15F	LR6211
RS-232, DB25F	LR6212
V.35, DB25F	LR6213
RS-530, DB25F	LR6214
Expansion Card.....	LR6237C

Additional equipment you may need:

- V.35 Adapter Cable
- RJ-45 (8-Wire) Modular Cable
- CSU/DSUs
- Modem 325



Black Box offers the best warranty program in the industry—Fido Protection®. For more information, request **FaxBack 22512**.