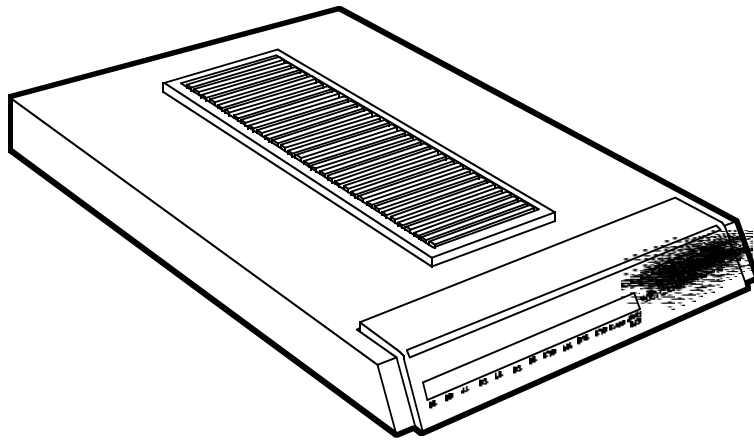


BLACK BOX[®]

NETWORK SERVICES

Courier I Modem

Analog or ISDN—you can handle both with the Courier I Modem.



Key Features

- ▶ Instantaneous connections.
- ▶ Talk and send data simultaneously—at up to 128-Kbps.
- ▶ Works as an ISDN modem or terminal adapter.
- ▶ V.100, V.120, and clear channel protocols provide the fastest connections to other modems.
- ▶ X.2 upgradeable.

Overview

The Courier I Modem combines an ISDN terminal adapter, NT-1 device, analog device port, and a V.34 modem into a single unit that can be connected to the Basic Rate Interface (BRI) ISDN wall jack provided by your telephone company.

Convenient LEDs let you know the status of your connection. And with Flash ROM you can download software from our bulletin board so your Courier won't be without the newest performance and capability features.

The Courier I Modem handles translation for data or fax transmissions and those fax transmissions provide you with seamless connections.

All three high-speed data-transmission protocols—V.100, V.120, and clear channel—are included in the Courier I Modem. These protocols give you the fastest possible connections to other modems. The Courier I Modem can incorporate almost everything to the true ITU-TV.34 standard (28.8 Kbps), Rockwell's proprietary V.32 turbo

standard (19.2 Kbps), V.32 bis, V.32, and all other ITU-TSS standards down to 300 bps. The Courier I Modem is upgradeable to X.2 technology.

Universal Connect automatically connects incoming and outgoing calls at the highest digital or analog rate possible.

It supports both American and European Rate Adaption standards for compatibility with other ISDN devices. Rate adaption occurs when a connection is made at less than 64 Kbps.

Specifications

Adaptive Speed Leveling — 4.8–21.6 Kbps

Analog Data Compatibility — ITU-T V.34 and V.FC at 28.8 Kbps; V.32 terbo at 19.2 Kbps; ITU-T V.32 bis at 14.4 and 12 Kbps; 9.6, 7.2, and 4.8 Kbps (symmetrical and asymmetrical full duplex); ITU-T V.32 at 9.6 and 4.8 Kbps; ITU-T V.22 bis at 2.4 Kbps; ITU-T V.22 at 1.2 Kbps; ITU-T V.23 at 1.2/0.75 Kbps; ITU-T V.21 at 300 bps; Bell 208B at 4.8 Kbps (sync); Bell 212A at 1.2 Kbps; Bell 103 at 300 bps; Quick Connect Technology Adaptive Speed Leveling (ASL)

Analog Originated/Received Calls — Error Correction: ITU-T V.42 (LAMP or HST connect; Data Compression: MNP[®] 2, MNP 3, or MNP 4 connection; MNP Level 5 data compression; ITU-V.42 bis data compression

D-Channel Signaling — ISDN data-link layer: ITU-T0.921; ISDN call-control signaling: ITU-T 0.931/L.451

Desktop Power Supply — 20 W @ 110 VAC

Digital Data Compatibility — ITU-T V.120/1.463 and

ITU-T V.110/1.82 for transmission over ISDN at 56 or 64 Kbps

DTE Interface —

- Supports standard DTE rates up to 115.2 Kbps
- Asynchronous Operation
- Synchronous Operation (DCE supplies Tx clock)
- Electrical: EIA RS-232 or V.35
- Port Rates: 300 bps to 115.2 Kbps

Error Correction for ISDN Originated/Received Calls — ISDN (end-to-end) V.120

Fax Compatibility — V.17 Group III Class 1 TIA/EIA and 592 Class 2.0 at 14.4 and 9.6 Kbps

Interfaces — U: RJ-45; Analog Device Port: RJ-11; Data Device Port: DB25

ISA Card Power — 1.2 A @ 5 VDC; 0.32A @ 12 VDC

ISA Interface — Asynchronous and synchronous operation supported

Switch Types Supported — AT&T[®] 5ESS Custom, Telecom-supported DMS-100, National ISDN-1 and 2

Size — 3.3 x 16 x 26.2 cm

Weight — 1.45 kg

Applications

Telecommuting—Establish high-speed connections to your corporate LAN. Use applications such as e-mail, database access, image and graphics transfer; these require the high bandwidth provided by an ISDN connection. And you can get a completely integrated office solution that enables analog equipment such as fax machines, telephones, and answering machines to be connected to the ISDN network.

Internet Access—Internet users can dramatically improve their throughput by using ISDN's faster file transfer, which is important when downloading large graphics files.

File/Imaging Transfers— Send large files or images popular in the medical, insurance, and real estate markets.

For these and other components...

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

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Courier I Modem	IS450V