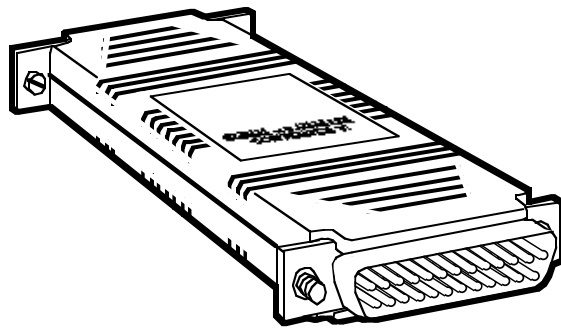


BLACK BOX[®]

NETWORK SERVICES

Serial Parallel Converter VI



Support async RS-232 data rates up to 115.2 Kbps.

Key Features

- ▶ Supports both hardware and software flow control.
- ▶ Interface powered—no AC or batteries required.
- ▶ Externally accessible configuration switches.

Technically Speaking

With the Serial Parallel Converter VI, you can support async data rates up to 115.2 Kbps—great for high-speed printer or plotter applications.

Configuration is easy because the Serial-Parallel Converter VI automatically determines the pinning of the interfaces you attach it to, and reconfigures itself accordingly. Any remaining configuration is done using

externally accessible DIP switches.

The Converter is programmed with an 8-position DIP switch for data rate and data format. The DIP switch can also activate a self-test mode, in which the Converter continuously delivers a repetitive data stream to the output port until the test is turned off. It also determines whether or not the Converter draws power from Pin 4 (the RTS signal) of the serial

interface.

Both hardware and software (X-ON/X-OFF) handshaking are supported so that the Serial Parallel Converter VI can be used with almost any application.

Specifications

Compliance — FCC Part 15 Class A, DOC Class/MDC Class A

Diagnostics — Self-test

Data Format — Even, odd, or no parity; 7 or 8 data bits

Data Rate — Serial: 115,200, 57,600, 38,400, 19,200, 9600, 2400, 1200, or 300 bps

Internal Memory — 32 bytes of buffer RAM

Throughput — Parallel: Greater than 10,000 cps

Protocol — Async

Flow Control — Hardware handshaking; Software X-ON/X-OFF

Interface — RS-232 serial and Centronics[®] parallel

Connectors — (1) DB25 female; (1) DB25 male, (M/M gender changer—included)

Power — From RS-232 interface

Size — 3.2"H x 2"W x 0.8"D (8.1 x 5 x 1.9 cm)

Weight — 1 lb. (0.5 kg)

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME

ORDER CODE

Serial Parallel Converter VI.....P1130A-R2