Serial to Ethernet Converter

ELK-IP232

The ELK-IP232 is an Ethernet to RS-232 Serial Port Bridge. It may be used to connect any standard serial communications device such as a PC, an audio/video distribution system, or an Elk-M1 Control, to an Ethernet network. It allows bi-directional communication between the two. It operates as a network server, which means it does not *initiate* network connections, but rather, *accepts* them. Once a network connection is accepted, the remote networked device or computer is virtually connected to the serial device on the other side of the Bridge. Both the network device and the serial device can send and receive messages to and from each other. Up to twelve network devices may be connected simultaneously. Data sent from any one of them is bridged to the serial port. Data received on the serial side is transmitted to all connected network devices.

FEATURES:

- Allows up to twelve (12) simultaneous TCP-IP network connections
- Selectable baud rate from 300 to 115200 baud
- Supports software handshaking (XON/XOFF) and hardware handshaking (RTS/CTS)
- Multiple Bridges can be used on the same network
- Can be updated in the field with new firmware using the Configuration Utility
- Integrated 802.3 compliant 10/100 Mbit network interface
- RS232, DB9M 9-pin serial port connection
- Connects to the M1 RS-232 Serial port (Port 0).
- RJ45 8-pin Network Jack
- 2.1mm barrel type power connector (center positive)
- LED Indicators for Power, Link, and Data

SPECIFICATIONS:

- Operating Voltage: 12 Volts D.C. from ELK-P1216 Plug-in Power Supply **
- Current Draw: approx. 135 mA
- Dimensions: 3.85. L x 1.7. W x 0.93. D

PO Box 100 • Hildebran, NC 28637 • 800-797-9355 • 828-397-4200
Fax 828-397-4415 • www.elkproducts.com • info@elkproducts.com

ELK PRODUCTS, INC.