



OPTION 1108

ETHERNET - SERIAL SERVER



Option 1108- Ethernet /Serial Server and diagnostics port interface board



Tiamis-800 transceiver with Option 1108 - interface board

- **Legacy serial devices are now IP addressable with the Ethernet/Serial server**
- **Provides Ethernet connectivity for RS232, RS422, and RS485 equipment**
- **Ethernet-to-serial server handles all required protocol conversion**
- **Supports the Lexycom proprietary “Intelligent Interface Type Recognition” protocol**
- **Supports Setup/Diagnostics mode and the “Firmware Banks Exchange” algorithm**
- **User Interchangeable, piggybacks to the Tiamis-800**
- **Sold separately or as a complete assembly with the Tiamis-800L transceiver**

INTERFACE OPTIONS

- **Option 1108 - Ethernet Serial Server interface, single channel, for use with board level product**
- **Option 11E8 - Ethernet Serial Server interface, single channel, for use with enclosure product**
- **Option 110C - Ethernet Serial Server interface, dual channel, includes one RS232 channel, for use with board level product**
- **Option 11EC - Ethernet Serial Server Interface, dual channel, includes one RS232 channel, for use with enclosure product**

LEXYCOM TECHNOLOGIES, INC

Phone (303) 774-7822
E-mail: info@lexycominc.com
www.lexycominc.com

Where any application finds its wireless solution

OPTION 1108



CHARACTERISTICS

Data interface supported	10Base-T/100 Base-TX Ethernet
Connectors	RJ45 for Ethernet port; DB-9 for diagnostics port; Power - 4 pin, 0.1" spacing straight connector
Setup/Diagnostics support	Dedicated diagnostics port
Firmware Banks exchange protocol support	Yes
Support of the "Intelligent Interface Type Recognition" protocol	Yes
Data rates supported	Up to 115.2 kb/s
Additional functions	Auto negotiates full/half duplex, 10Base-T or 100 Base-T speed. Supports UDP (datagrams 0x00, 0x01, 0x03, 0x05, and 0xFF) or TCP packets. Programmable port number and serial port settings. Supports telnet, Hosts List, AES encryption, event-driven programmable e-mail notification, MDI/MDI-X auto-crossover Extremely easy to set up and begin operating
Mechanical dimensions	3(W) x 3.41(L) x 0.625(H) inches
Means of connecting to the Tiamis-800 transceiver	Uses five #2 hardware screws with aluminum standoffs (supplied with the interface board).
Operating voltage range	4.5...25 VDC
Operating temperature range	-35 ... + 80 deg C
Humidity	Up to 90%, non-condensing

LEXYCOM TECHNOLOGIES, INC

Phone (303) 774-7822
E-mail: info@lexycominc.com
www.lexycominc.com

Where any application finds its wireless solution