

## Network I/O Module

RS Data Channel, Alarm Input, Relay Output, 10/100 Base-T Port

### FEATURES:

- ◆ Ethernet Connectivity
- ◆ Link and Activity Indicators
- ◆ Stand Alone or Network Tunnel
- ◆ Software Configured RS232, RS422 or RS485 RFC2217 Port
- ◆ Alarm and Relay Status Indicators
- ◆ Email on Alarm
- ◆ TCP Messaging on Alarm
- ◆ Web Browser, Web Browser, Telnet or RS232 Port Programming Interface
- ◆ User Titles to Name Locations
- ◆ ICMP Watch Dog
- ◆ PoE Powered or Local 12Vdc
- ◆ API Available

### SPECIFICATIONS:

#### ETHERNET:

Data Rate:

Auto negotiated ..... 10/100 Mb/s  
Connector.....RJ45

#### RS DATA - RFC2217 Compliant:

Standard:..... RS232 or RS422 or RS485  
Data Rate ..... 300 to 115K Baud  
Connector.....DB9 (DTE)

#### ALARM IN

Potential free contact required  
User programmable:  
Normally Open or Normally Closed  
Supervised or Unsupervised

#### AUXILIARY OUTPUT

Form C Relay  
Voltage ..... 40 VDC or Peak AC  
Current ..... 1 A Max

#### POWER:

PoE ..... Class 2  
Current ..... < 100 mA  
Connector..... 2 Pin Terminal Block  
Local Power  
Voltage ..... 12 VDC  
AFI Part # ..... PS-12D

#### PHYSICAL:

Temperature..... -40 °C to 75 °C  
Humidity ..... 5 % to 95 %  
Size ..... 4¼" x 4¼" x 1⅞"

8/1/11 JPK



The American Fibertek N-111 Network I/O module is your solution for transmitting, real world alarm contact, auxiliary output and RS232 or RS422/RS485 data across networks.

With its easy to use web interface, an alarm contact generated at one location can trigger auxiliary outputs any where on your network. For the first time, physical contacts no longer have any distance limitations.

The N-111 module may be PoE powered from a 48V source through the network connection or from a local 12Vdc power supply which is provided with the unit.

With it's built in user programmable data port for RS232 or RS422/485, the N-111 can be used to carry information from Cash Registers, Point of Sale, Access Control and Alarm Panels to and from remote locations.

The American Fibertek N-111 is also your solution for monitoring server status across networks. With its easy to use web interface, the local auxiliary output may be triggered when a server fails to respond to a network ICMP ping within a user selectable amount of time. This local auxiliary output may be used as a trigger to reset or reboot the system back online avoiding costly service calls or service interruption.

Also, when a selected server fails to respond, an email or TCP message may be sent from the N-111.

### ORDERING INFORMATION:

N-111 Network I/O Module