



McCain 170 Internal Ethernet Communications Module

The McCain Ethernet module enables any 170 controller to communicate over an ethernet network. The Ethernet module is designed to plug into the modem slot of the 170 controller. Communication to the controller is through the RS232 serial port lines while the RJ-45 connector supports the ethernet interface. The module is auto sensing for either 10Base-T or 100Base-T. The Ethernet module handles the ethernet protocol packet on board relieving the 170 of this task so it only sees the intended message.

- **Model 400 modem footprint**
- **RS232 Interface to the 170 Controller**
- **RJ45 Interface to the Ethernet Connection**
- **Direct IP addressing**
- **Auto-Sensing 10Base-T or 100Base-T**
- **Compatible to BI Tran QuicNet 4**
- **Environmental -37 to +74 degrees C**

Specifications:

170 Interface

Mode	Asynchronous RS232, modem slot compatible
Data Rates	1200 to 38.4 kbps
Characters	7 or 8 data bits
Parity	odd, even, none
Stop bits	1 or 2
Power	+12 volts @ 125 mA Max and -12 volts @ 25 mA Max
Indicators	Red Tx and Rx LEDs

Ethernet Device Interface

Data Rates	300 to 230 kbps
Characters	7 or 8 data bits
Parity	odd, even, none
Stop bits	1 or 2
Power	3.3 volts @ 210mA Max
Ethernet	10Base-T or 100Base-T Auto Sensing
Protocols	TCP/IP, ARP, UDP, ICMP, Telnet, TFTP, DHCP, HTTP, SNMP
Connector	RJ-45
Indicators	10Base-T or 100Base-T on RJ-45
Memory	256K bytes SRAM and 512K bytes Flash

Warranty	2 Years
Ordering Information:	Part Number M33332A



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