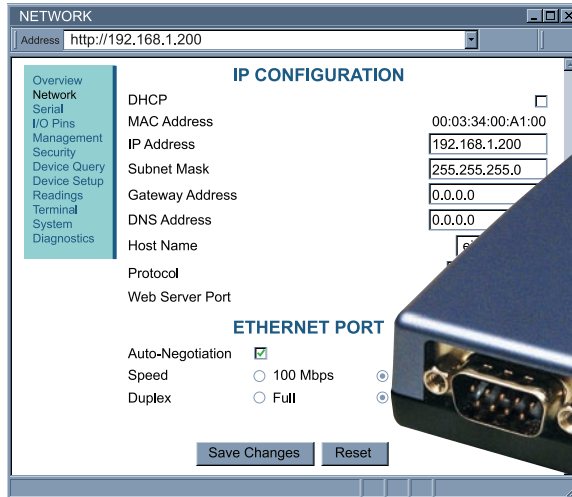


OMEGA®



Connect Any Serial Device to an Ethernet LAN and the Internet

Quickly configured through a Web browser



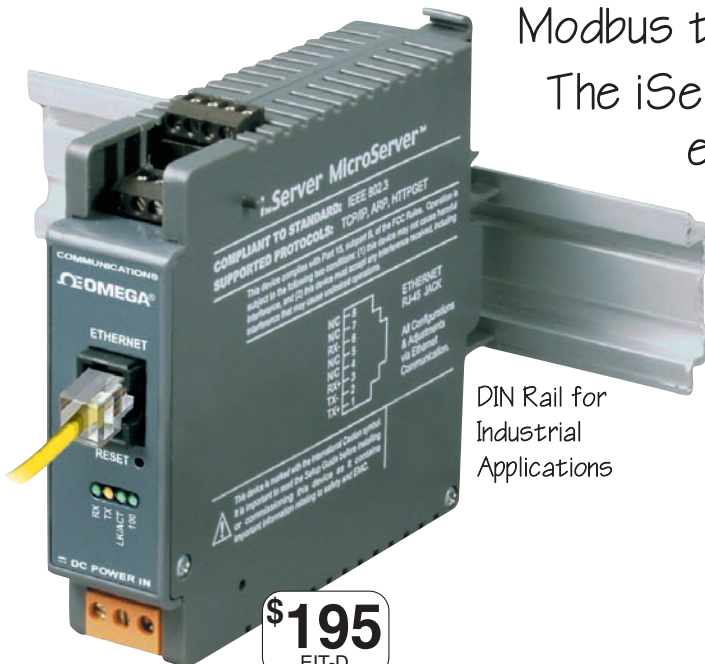
\$195
EIT-W

Wall Mount or Benchtop for Commercial Applications

The 3rd Generation **OMEGA® iServer** connects any Serial Device (RS-232, RS-485) to an Ethernet network or the Internet in minutes, including Serial Modbus to ModbusTCP/IP over Ethernet.

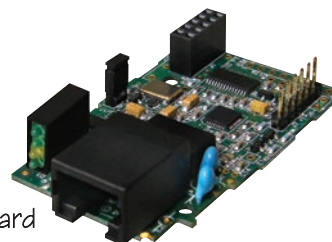
The iServer3G can send notifications by email, and has SNMP for remote management.

OMEGA offers custom firmware and private-labeling for OEM's.



DIN Rail for Industrial Applications

\$195
EIT-D



Embedded PC Board Assembly for OEM's





Features

- ✔ Put any serial device on the network in minutes
- ✔ Bridge RS-232/RS-485 to TCP/IP
- ✔ Auto 10/100 Ethernet half/full duplex
- ✔ Built-in Web server
- ✔ TCP, UDP, SNMP, SMTP, TFTP, ICMP, Telnet, DHCP, DNS, HTTP, and ARP
- ✔ ModbusRTU to ModbusTCP/IP bridging
- ✔ Email notifications and SNMP traps
- ✔ 1-6 programmable I/O's
- ✔ Firmware upgrade over Ethernet
- ✔ Custom firmware/private labeling for OEM's

Specifications

Serial Interface

Interface: RS-232 or RS-485 (2 and 4-wire), or TTL

Connector: DB9 male DTE for RS-232; 8 position Terminal Block plug for RS-485

Serial Data Rates: 300 to 460,800 Kbps

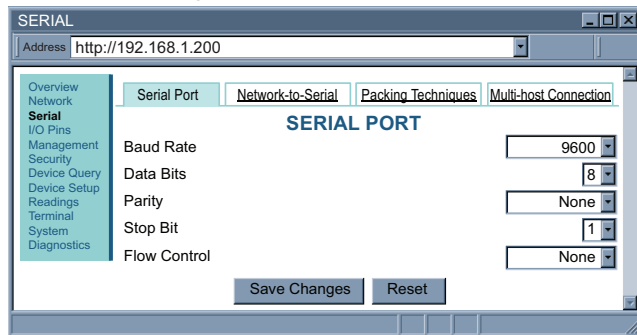
Characters: 5, 6, 7, or 8 data bits

Parity: odd, even, or none

Stop Bits: 1 or 2

Flow Control: Hardware (RTS/CTS) and Software (Xon/Xoff)

Digital I/O's: 1 to 6 programmable input/output lines, depending on model.



Network Interface

Interface: Fixed or auto-negotiating 10/100BASE-T half/full duplex Ethernet with auto MDI/MDIX

Connector: RJ45

Protocols: TCP, UDP, SNMP, SMTP, TFTP, ICMP, DHCP, DNS, HTTP, ARP, Modbus TCP/IP, and Telnet

Compliant to Standard: IEEE 802.3

Indicators (LED's): 100BASE-T, Network Link/Activity, and Serial Transmit/Receive

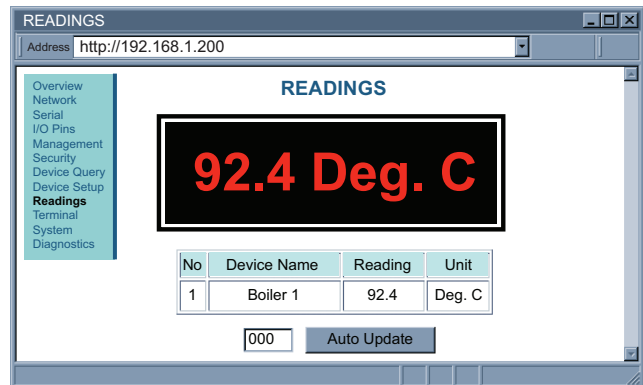
32-bit Microprocessor

CPU: ARM7, 72 MHz

Memory: 512 Kbyte Flash, 32 Kbyte SRAM

Embedded Web Server: Serves dynamic Web pages and Java applets

Management: Web server, Telnet login, Serial login, iConnect



General

Power (for EIT-PCB)

Input: 5 Vdc @ 200 mA max.

Consumption: 1 W max.

Power (for EIT-W)

Input: 5 Vdc @ 200 mA max.

Consumption: 1 W max.

Safety Qualified ac Power Adapter (included):

Nominal Output: 5 Vdc@600 mA

Input: 100 to 240 Vac, 50/60Hz

Operating Temp: 0 to 40°C (32 to 104°F)

Power (for EIT-D)

Input: 10 to 32 Vdc

Consumption: 2 W max.

(DC Power supply sold separately: iDRN-PS-1000)

Environmental

Operating Temp: -40 to 85°C (-40 to 185°F)

Storage Temp: -40 to 100°C (-40 to 212°F)

Software

COM Port Redirector (iPort); Configuration software (iConnect)

