

Quickly configured through a Web browser



**EIT-W**  
Wall Mount or Benchtop for Commercial Applications

**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
- ✓ Auto 10/100 Ethernet half/full duplex
- ✓ 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



**EIT-D**  
DIN Rail for Industrial Applications

The 3rd Generation **NEWPORT**® **iServer3g** 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.

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

**EIT-PCB**  
Embedded PC Board Assembly 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 460.8 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**

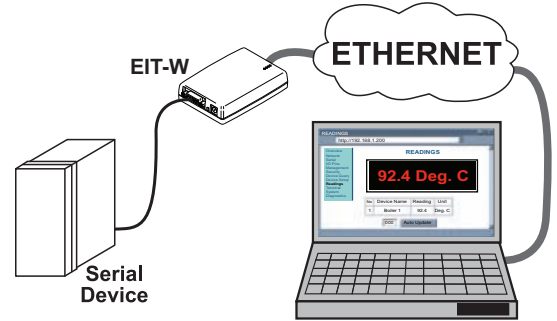
**Interface:** Fixed or auto-negotiating 10/100BASE-T half/full duplex Ethernet with auto MDI/MDIX  
**Connector:** RJ45  
**Protocols:** TCP, UDP, SNMP, SMTP, TFTP, ICMP, DHCP, DNS, HTTP, ARP, Telnet, and Modbus TCP/IP  
**Compliant to Standard:** IEEE 802.3  
**Indicators (LED's):** 100BASE-T, Network Link/ Activity, and Serial Transmit/Receive Processor  
**CPU:** ARM7, 72 MHz  
**Memory:** 512 Kbyte Flash, 32 Kbyte SRAM  
**Management:** Web server, Telnet login, Serial login, iConnect  
**Embedded Web Server:** Serves dynamic Web pages and Java applets

**GENERAL**

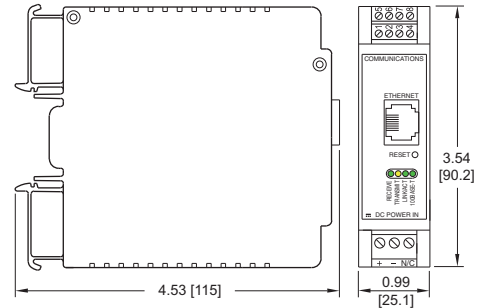
**POWER (for EIT-PCB)**  
**Input:** 5 Vdc @ 200 mA max.  
**Consumption:** 1 W max.  
**POWER (for EIT-W)**  
**Input:** 5 Vdc @ 200 mA max.  
**Consumption:** 1 W max.  
**Safety Qualified AC Power Adapter (included):**  
**Nominal Output:** 5 Vdc@600 mA  
**Input:** 100 to 240 Vac, 50/60Hz  
**Operating 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**  
 Firmware upgrade from Ethernet COM Port redirector (iPort); Configuration Software utility (iConnect)

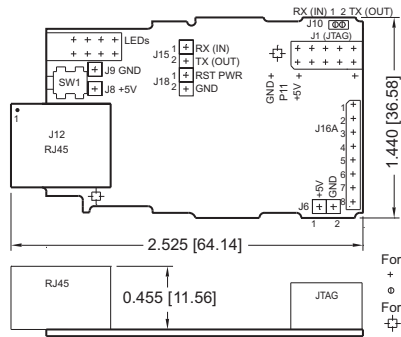


**MECHANICAL**



**EIT-D**

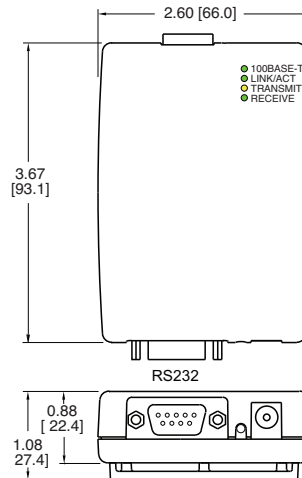
**Material:** Polycarbonate case with DIN rail mount  
**Weight:** 113 g (0.25 lbs)



**EIT-PCB**

**Board Surface area:** approximately 3 sq. inches [80 sq. mm]  
**Weight:** 14 g (0.03 lbs)

For pin & socket connectors:  
 + 0.036 [0.91] hole dia  
 o 0.024 [0.61] hole dia  
 For mounting:  
 □ 0.120 [3.05] hole dia



**EIT-W**

**Material:** ABS (ChiMei PA-757) with wall mount  
**Weight:** 77 g (0.17 lbs)

Model No.	Description
EIT-W	iServer MicroServer™ for serial-to-ethernet applications in commercial wall-mount case with universal AC power adapter (100 to 240 Vac input, 5 Vdc output); Full RS-232 serial interface with 1 input pin
EIT-W-485	Commercial wall-mount case; RS-485 (full & half duplex) serial interface with 3 I/O's
EIT-D	Industrial DIN rail case with screw terminal serial ports; Full RS-232 serial interface without I/O's
EIT-D-485	Industrial DIN rail case; RS-485 (full & half duplex) serial interface with 3 I/O's
EIT-PCB	Printed circuit board for embedded applications; Full RS-232 serial interface with 3 I/O's
EIT-PCB-485	Printed circuit board; RS-485 (full & half duplex) serial interface with 6 I/O's
EIT-PCB-TTL	Printed circuit board; TTL serial interface with 3 I/O's

**Ordering Example:** For one full RS-232 serial interface commercial wall-mount iServer MicroServer, EIT-W.  
 \*Volume discounts are available. \*\*Minimum order 10 pieces.