



**DEEP SEA ELECTRONICS**

053-140  
ISSUE  
3.2

**DSE890 / DSE891 GATEWAY®  
INSTALLATION INSTRUCTIONS**

The DSEGateway® communicates to the connected controller(s) monitoring the instrumentation and operating state. If the data changes, the new data is logged in the Gateway's memory. At regular intervals the logged data is transmitted to the DSEWebNet host server via ethernet (DSE890 / DSE891) or GPRS 2G/3G (DSE890 only, SIM card not supplied by DSE). Additionally, DSE890 contains a GPS location receiver.

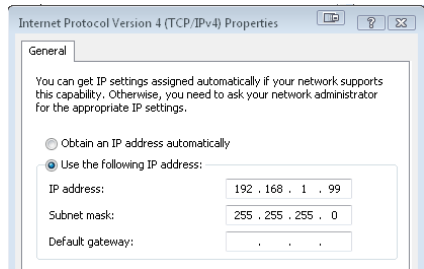
For more detailed information please refer to the Operating manual and Software manuals listed below.

**SETUP**

You may wish to consult your company IT department before making changes to your PC network settings.

Connect the DSEGateway® ethernet port directly to your PC Ethernet port. You can use either a 'straight through' or 'crossover' network cable.

Set the PC IP address as shown.



Using Google Chrome, Microsoft Internet Explorer or Mozilla Firefox, enter the IP address of the gateway.



Enter the username and password of the Gateway.



**NOTE:- Username and Password are both CASE SENSITIVE.**

For further details refer to the following DSE publications available from our website : [www.deepseapl.com](http://www.deepseapl.com)

057-165 DSE890/DSE891 WebNet Gateway Manual  
057-168 DSEWebNet Software Manual

**Factory Settings**

IP Address	Username	Password
192.168.1.100	Admin	Password1234

**Deep Sea Electronics Plc.**

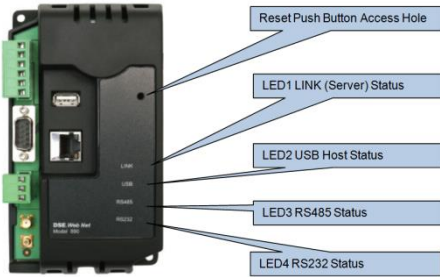
Tel: +44 (0)1723 890099  
Fax: +44 (0)1723 893303

Email: [support@deepseapl.com](mailto:support@deepseapl.com)  
Web: [www.deepseapl.com](http://www.deepseapl.com)

**Deep Sea Electronics Inc.**

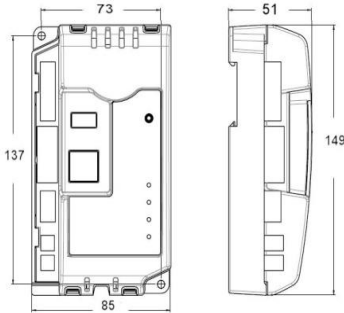
Tel: +1 (815) 316-8706  
Fax: +1 (815) 316-8708  
TOLL FREE (USA only) :  
Telephone: +1 866 636 9703  
Email: [support@deepseausa.com](mailto:support@deepseausa.com)  
Web: [www.deepseausa.com](http://www.deepseausa.com)

## LED STATUS



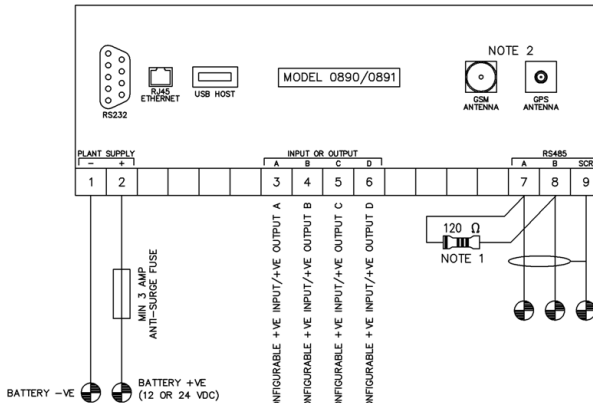
Function	Colour	Action
Server Status	RED	No connection to host server
	GREEN	Connected to host server
USB Host Status	RED	Bad Data
	GREEN	Data transfer OK
RS485 Status	RED	Bad Data
	GREEN	Data transfer OK
RS232 Status	RED	Bad Data
	GREEN	Data transfer OK

## DIMENSIONS



Overall size	85 mm x 149 mm x 51 mm (3.35" x 5.85" x 2.01")
Mounting type	DIN rail or chassis mounting Indoor Use Only
Din rail type	EN 50022 35mm type only
Mounting holes	M4 clearance
Mounting hole centres	73 mm x 137 mm (2.89" x 5.39")
Maximum Ambient Operating Temperature	60 °C (140 °F)
UL Rated Maximum Ambient Operating Temperature	50 °C (122 °F)

## TYPICAL WIRING DIAGRAM



TO MEET UL APPROVALS, PLEASE USE A UL LISTED LIMITED POWER SUPPLY (8V DC -36V DC)

TERMINALS SUITABLE FOR 22-16 AWG (0.6mm<sup>2</sup> - 1.3mm<sup>2</sup>) FIELD WIRING  
TIGHTENING TORQUE = 0.8Nm (7lb-in)

NOTE 1

A 120 OHM TERMINATION RESISTOR MUST BE FITTED IF IT IS THE FIRST OR LAST DEVICE ON AN RS485 LINK

NOTE 2

GSM & GPS CONNECTIONS NOT AVAILABLE ON MODEL 0891