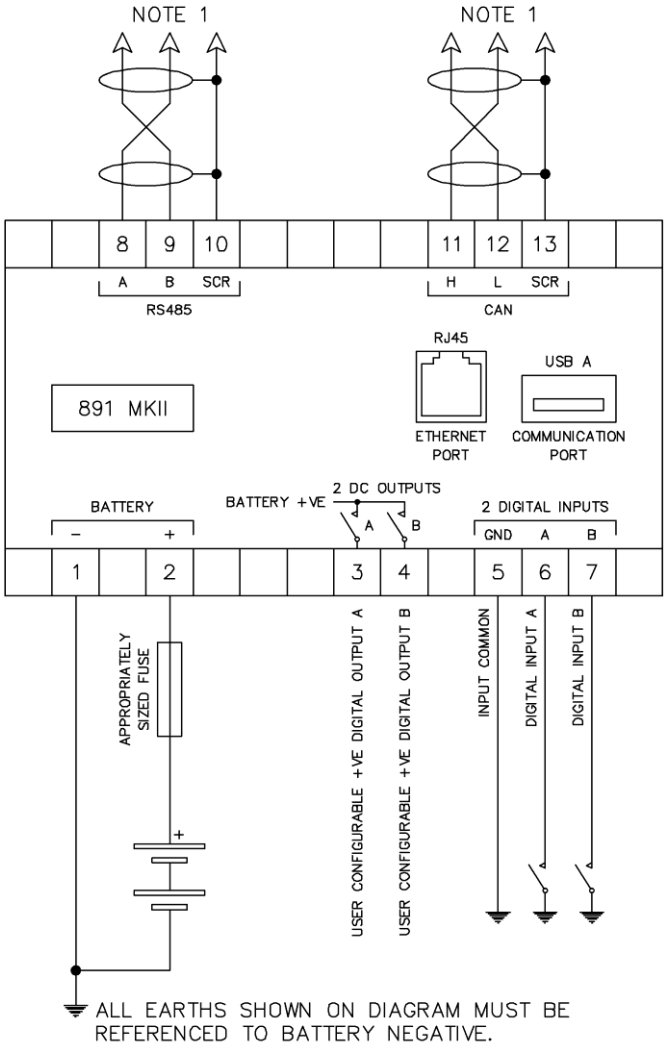


TYPICAL WIRING DIAGRAM



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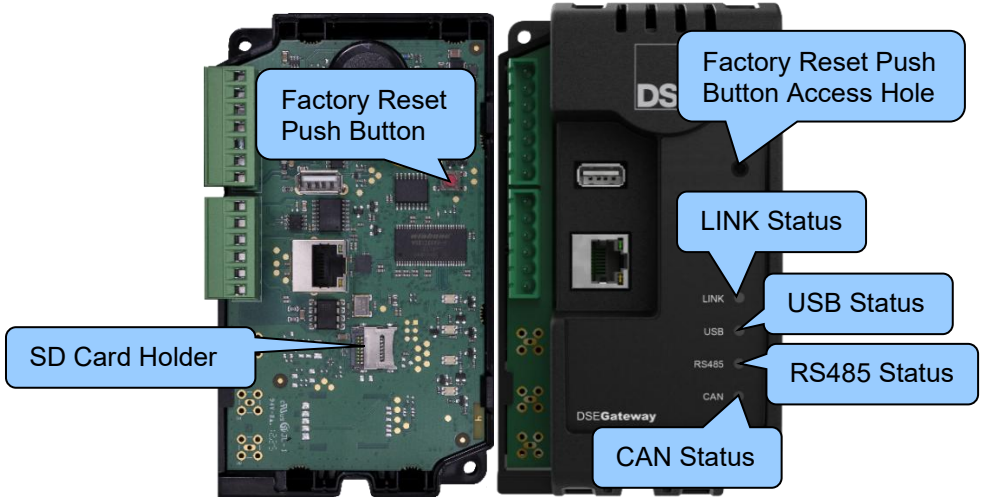
DEEP SEA ELECTRONICS

**DSE891 MKII Gateway
Installation Instructions**

053-386
ISSUE: 1

The DSE891 MKII Gateway communicates with the connected DSE module(s) monitoring their instrumentation and operating state. As the data changes, it is logged into the DSEGateway®'s memory. At configured intervals this logged data is transmitted to the DSEWebNet® server using an internet connection provided by ethernet connections.

LED STATUS



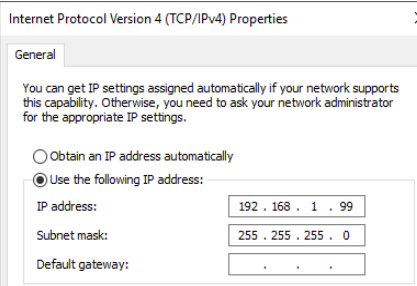
LED	Function	Colour	Action
1	LINK Status	Red	The Link LED is red: - If connection to the DSEWebNet is disabled but connection to the MQTT Broker is enabled but not connected. - If connection to the DSEWebNet is enabled but not connected, irrespective if the MQTT Broker connection is enabled.
		Green	The Link LED is Green: - If connection to the DSEWebNet is disabled but connection to the MQTT Broker is enabled and is established. - If connection to the DSEWebNet is enabled and established, irrespective if the MQTT Broker connection is enabled or pass.
2	USB Status	Off	Communication port not enabled.
		Red	Communication port enabled but data transfer not working.
		Green	Communication port enabled and data transfer is working.
3	RS485 Status	Off	Communication port not enabled.
		Red	Communication port enabled but data transfer not working.
		Green	Communication port enabled and data transfer is working.
4	CAN Status	Off	Communication port not enabled.
		Red	Communication port enabled but data transfer not working.
		Green	Communication port enabled and data transfer is working.

ACCESSING SETUP PAGES

**NOTE: Consult the company IT department before making changes to PC network settings.**

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

1. Connect the DSEGateway® Ethernet port directly to the PC Ethernet port using either a 'straight through' or 'crossover' network cable.
2. Configure your PC to be on a fixed IP address (192.168.1.99) as per below.

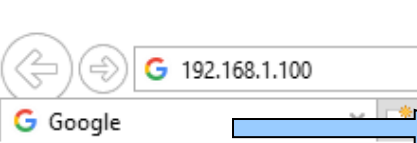


IP Address: 192.168.1.99
Subnet Mask: 255.255.255.0



Factory Settings
IP Address: 192.168.1.100
Subnet Mask: 255.255.255.0

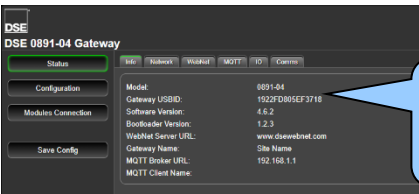
3. Using Google Chrome or Microsoft Edge, navigate to the address of the DSEGateway® (192.168.1.100) and enter the username and password of the DSEGateway®.



Username: Admin
Password: Password1234

Sign in

4. It is now possible to view and configure the DSEGateway®. Make a note of the DSEGateway® ID number. This is required when adding the DSEGateway® to DSEWebNet®.



Make a note of the DSEGateway® ID which is made of the USB ID and the last two octets of the MAC address.

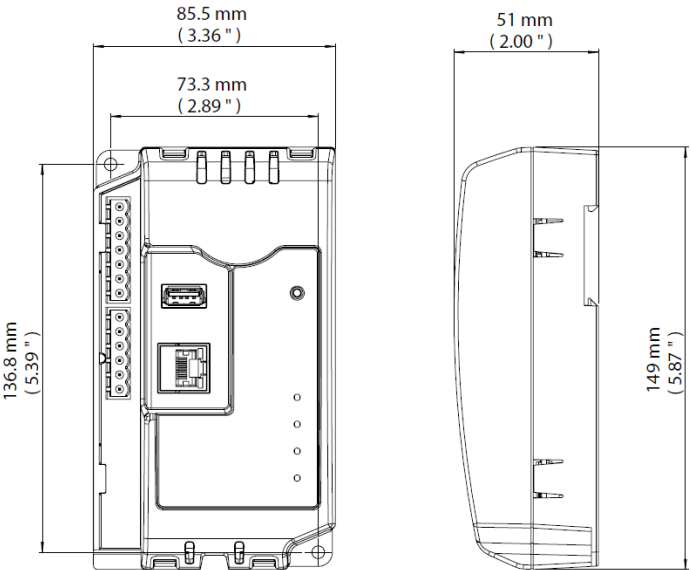
FACTORY DEFAULT SETTINGS

IP Address	Username	Password
192.168.1.100	Admin	Password1234

For further details on how to setup the DSE891MKII Gateway, refer to the following DSE publications available from www.deepseaelectronics.com:

057-383 DSE891 MKII Gateway Operator Manual
057-168 DSEWebNet® PC Internet Browser Software Manual

DIMENSIONS AND MOUNTING



Parameter	Specification
Overall Size	85.5 mm X 149 mm X 51 mm (3.36 " X 5.87 " X 2.00 ")
Mounting Type	DIN rail or chassis mounting, indoor use only.
DIN Rail Width	EN 50022: 35 mm (1.4 ")
Mounting Holes	M4 (0.25 ")
Mounting Hole Centres	73 mm X 137 mm (2.89 " X 5.39 ")
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Temperature for UL Certification	-30 °C to 50 °C (-22 °F to 122 °F)
Storage Temperature	-40 °C to 80 °C (-40 °F to 176 °F)
Weight	0.25 kg (0.55 lbs)