DSEGateway® Quick Set Up Guide

The following Quick Set Up Guide is intended to assist in configuring the DSEGateway® and connecting to DSEWebNet®. For further reading please see the relevent DSEGateway® Manual located on the Deep Sea Electronics website www.deepseaelectronics.com

1 STEP ONE: CONNECT AND CONFIGURE THE DSEGATEWAY®

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

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

IP Address: 192.168.1.100
Subnet Mask: 255.255.255.0

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

Factory Settings
Name: Admin
Password: Password1234
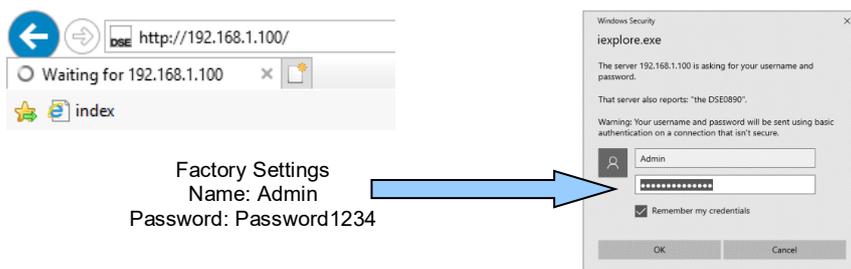
4. It is now possible to view and configure the DSEGateway®. Make a note of the DSEGateway® ID number. This is required when adding the DSEGateway® to DSEWebNet®.

Make a note of the DSEGateway® ID.
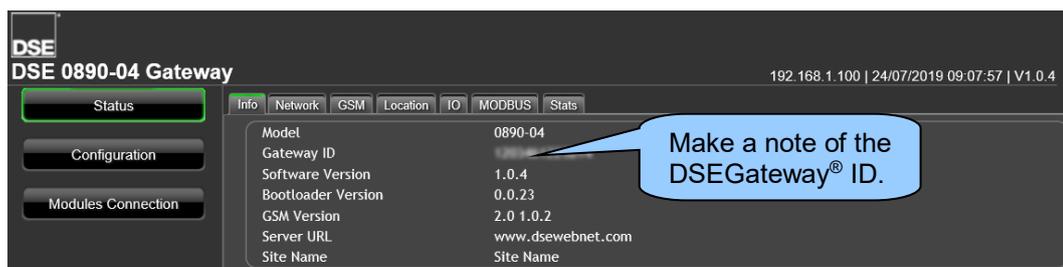
2   STEP TWO: CONNECT THE MODULE

⚠️ **NOTE: DSE advise against the use of USB when used in close proximity to sources of electromagnetic interference.**

⚠️ **NOTE: The DSEGateway® is configured to connect to a DSE Module via the USB port (Default). If this is not the communication type to be used please see section entitled *Modules Connection* within the DSEGateway® Operators manual for further details.**

Connect the DSEGateway® to the associated DSE modules as shown below. The DSEGateway is configured…

Connect the USB Cable into the Module

Connect the USB Cable into the DSEGateway®

Ensure the USB Cable has a Ferrite choke installed.
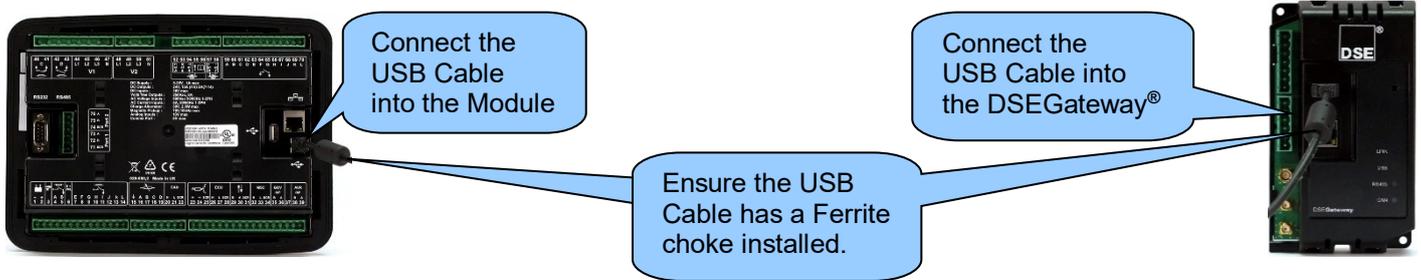
Cable Specification

Description	Specification
USB Cable	USB 2.0 type A to type B screened cable (sometimes known as 'printer cable') with ferrite choke. Max distance 5 m (16 feet).

3   STEP THREE: CONFIGURE THE INTERNET CONNECTION

⚠️ **NOTE: GSM settings are obtainable by contacting the phone network provider or checking the SIM card packaging.**

Configure the DSEGateway® to suit the phone or network requirements. These requirements vary according to the SIM Card provider.

Navigate to the *Network* tab to configure the *Network* Settings

1. Clicking *Apply* confirms the *Connection* settings...

2. Clicking *Save Config* saves settings and restart the DSEGateway...
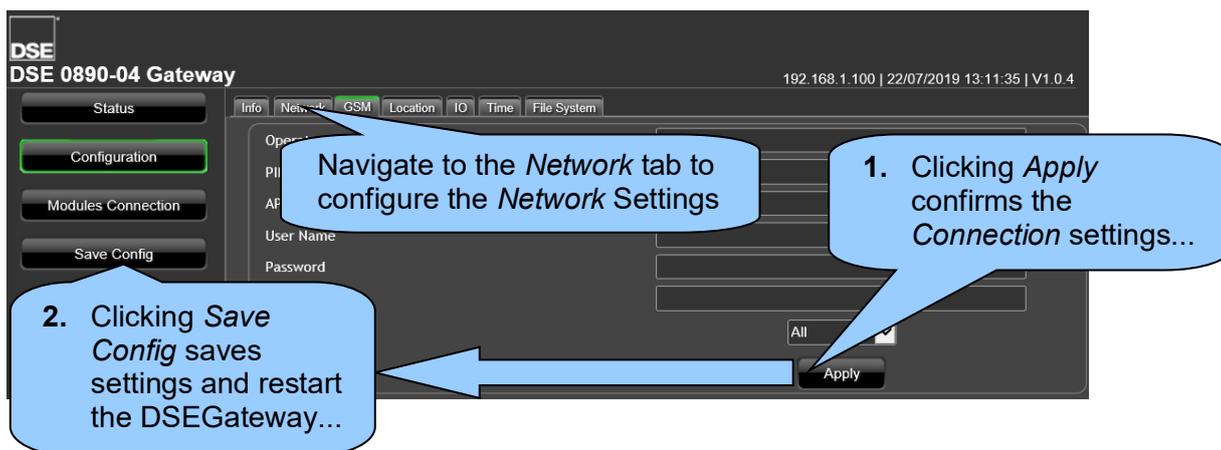
4 STEP FOUR: CHECK CONNECTION

> ⚠ **NOTE: The DSEGateway® must have a DSE Module connected when connecting to DSEWebNet® for the first time.**

Ensure the DSEGateway® has connected to the DSEWebNet® servers by checking the *Network Advanced* diagnostic tab located in the DSEGateway® browser.

Click *Advanced* to open and close a diagnostic window for help troubleshooting network connection issues.

Typical Connection Process

Upon connection to the Internet the DSEGateway® attempts to connect to the DSEWebNet® Servers. The process is as follows…

1. Upon completion of *Step Three: Configure The Internet Connection*, the DSEGateway® reboots.
2. For a short time (up to 5 mins), the *LINK* LED remains red.
3. The *LINK* LED illuminates green when connection to the DSEWebNet® server is established.
4. The DSEGateway® configures itself for the connected DSE module, after a short period the USB LED begins to flash.
5. The DSEGateway® and DSE module are now ready to be added to DSEWebNet®.

5 STEP FIVE: ADD THE DSEGATEWAY® TO DSEWEBNET®

> ⚠ **NOTE: To access DSEWebNet®, a user account is required. For further details on how Register and Login to DSEWebNet®, refer to DSE Publication: 057-168 *DSEWebNet® PC Internet Browser Software Manual*.**

To add a DSEGateway® to the user's account, the *Gateway USB ID* and *Security Code* are required. This information is located in the DSEGateway® Status Configuration screens.

The DSEGateway® USB ID is located under the *Status Info* section of the DSEGateway® configuration.

The Security Code is located under the *Configuration Info* section of the DSEGateway® configuration.
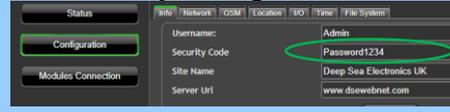
1. Launch a compatible internet browser and navigate to the website: ***www.dsewebnet.com*** and login into DSEWebNet®.

2. Click on *Manage Gateways and Modules* located on the top right hand corner of the webpage. The *Devices* section of the *Account Settings* is opened.

3. To add a DSEGateway® to the account, click the *Plus* ➕ button located on the top right hand corner of the webpage. The *Add New Gateway* option is opened

Click to add or remove a DSE module to the DSEWebNet®

4. Enter the DSEGateway® USB ID and Password

Click to continue

5. Select the Module to be added. DSEWebNet® uses the Module's *USB ID*.

Select the DSE Module(s) to be added to the DSEWebNet®.

USB ID of the DSE Module(s) that are, or have been connected to the DSEGateway®

Save the changes that have been made