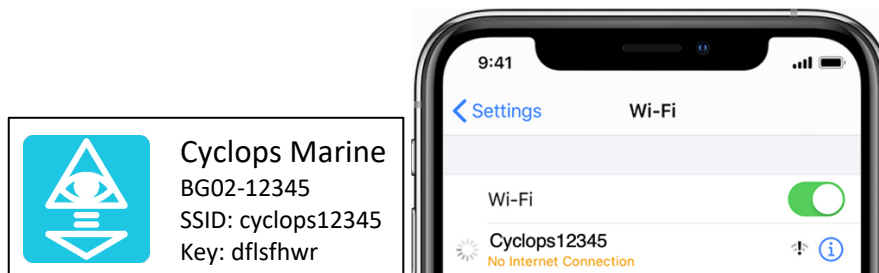




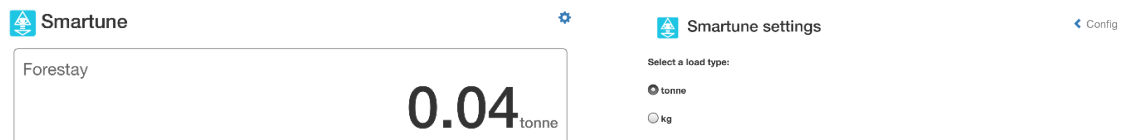
# Gateway Web Interface Instructions

## Connect to the Gateway WiFi to view loads

Before starting, ensure the gateway is plugged into a power source, such as marine electronics, using the NMEA2000 lead. A WiFi network matching the gateway label will appear when it is powered on.



1. Connect to this WiFi network, using the password ('key').
2. Navigate to <http://192.168.4.1/>
3. Using the gear icon, the displayed units of measurement may be changed, with a choice of tonnes force, kg force or pounds force. Click on the back arrow or the logo in the top left corner to return to the Home page.
4. Any sensors already programmed into the gateway, powered on and in range will show load data. To add a sensor, see overleaf.



## Connect the Gateway to an existing WiFi network

If the boat has an existing WiFi network, the Gateway can connect to this network rather than have its own network. All the same functionality related to viewing loads and managing sensors is available in this mode.

1. Connect to the Gateway WiFi as above.
2. Navigate to <http://192.168.4.1/wifi>
3. Select the existing WiFi network to connect to, and enter the password.
4. Connect to the existing WiFi network.



## Add a Sensor to the Gateway

1. Navigate to <http://192.168.4.1/sensors>
2. This page should appear:

The screenshot shows a web interface titled "Smarttune settings" with a navigation menu containing "Sensors", "WiFi", "Config", and "NMEA0183". Under the "Sensors" section, there is a "Load sensors" area with a table containing one entry: "Test 15058" with a value of "20". Below this are three input fields labeled "Label", "Station", and "Key", and an "Add" button at the bottom right.

3. Enter a label such as sensor serial number, the station number (see below) and the 12-character key supplied with the sensor. This is different from the WiFi password key. Select 'Add'. The page should refresh and the sensor will appear on the list under 'Load Sensors'. If the sensor isn't displaying a load, unplug the gateway cable and plug it back in, and check the page again.

Type	Station Number
Forestay	0
Backstay	1
Boom Vang	2
Inner Forestay	3
Inner Forestay Halyard	4
Jib Halyard	5
Outhaul	6
Code Zero	7
Bobstay	8
J1	9
J2	10
J3	11
Mast Base	12
Mainsheet	13
D0 Port	14
D0 Starboard	15
Runner Port	16
Runner Starboard	17
Foil Port	18
Foil Starboard	19
Sailtack Port	20
Sailtack Starboard	21
Deflect Port	22
Deflect Starboard	23
Rudder Port	24
Rudder Starboard	25
D1 Port	26
D1 Starboard	27
V0 Port	28
V0 Starboard	29
V1 Port	30
V1 Starboard	31
Reacher	32
Blade	33
Staysail	34
Tack	35
J4	36
Solent	37
Tack Port	38

Type	Station Number
Tack Starboard	39
Deflect Upper	40
Deflect Lower	41
Winch Port	42
Winch Starboard	43
Spin Halyard Port	44
Spin Halyard Stbd	45
Main Halyard	46
Load 1	47
Load 2	48
Mast Base 2	49