

Actisense NMEA Gateway Set-up

This Guide will show you how to install and configure an Actisense Gateway to create a wifi gateway on your boat. The gateway will enable the Pathfinder Sailing mobile app to connect your instruments on a NMEA connection over a wifi network.

You will need to purchase an [Actisense WGX-1-ISO](#) NMEA 2000 Wi-Fi Gateway.



Set-up Instructions

You can access the [Actisense User Guide](#), and additional help is available via the “Help” menu on the device’s built-in web application.

The green and yellow wires on the ISO port of the gateway are used to connect to the H2000/3000 instrument’s NMEA 0183 output. When powered correctly, the Blue “Power” LED on the gateway will pulse to indicate correct operation. The green LED will show that the gateway is receiving data. If the green LED is not lit, the problem can often be fixed by switching wires and changing the polarity.

Connecting to Wi-Fi

The WGX-1-ISO will power up in Access Point mode and broadcast its SSID as “wgx-<serial number>”. The serial number and default password are printed on the back of the Actisense case. Connect to it using a Web browser on the connected device, then enter 192.168.4.1 in the address bar.

Configuring

The device can be configured using the built-in web application. The default login Username is “admin” and the default password is printed on the back of the case. The operating mode, routing, and data servers can be configured. The factory default is “convert” mode. Note: The WGX-1-ISO can also be configured to use Client (Station) mode to join an existing Wi-Fi network.

Video: Configuring your Actisense Gateway via the web interface (1:54)



