

Actisense NGW-1 NMEA 2000 Gateway

The Actisense™ NMEA 2000 Gateway is an easy way to link between your boat's data networks. The NGW-1 makes it possible to convert NMEA 0183 data into NMEA 2000 data and vice-versa.

Using the advanced configuration software it is simple to set up which data items you want translated between the two buses.

The NGW-1 allows you to keep your current NMEA 0183 equipment, or to incorporate the latest NMEA 2000 equipment into your current NMEA 0183 system. It also allows a single cable NMEA 2000 bus system to be installed, allowing data from any node on the bus to talk to any other, including those NMEA 0183 instruments connected using our gateway. In this mode, the NMEA 2000 network acts like a bi-directional multiplexer, allowing all data sources to talk to each other.

The very latest Actisense™ ISO-Drive technology has been used in the NGW-1 to separate the output from ground. Electrical spike protection is provided as standard on the NGW-1's input using full galvanic Opto-isolation to provide superior protection to the NMEA source device. Thus full isolation is maintained between the NMEA 0183 input and output and the NMEA 2000 CAN bus.

Simple to use, the NGW-1 is provided with all required cabling, and also incorporates screw terminal connectors within the case to allow customer specific wiring to be done.

- 1 HS+ Opto Input
- 1 HS+ ISO-Drive Output
- Up to 115200 baud data transfer rate
- Full NMEA 2000 compliance
- Full NMEA 0183 compliance
- Full Isolation on both inputs and outputs
- Upgrade your NMEA 0183 equipment to NMEA 2000
- Allow NMEA 0183 instruments to receive vital data from the NMEA 2000 bus into NMEA 2000 data and vice-versa.