Applications
The Gateway allows information to be displayed on a PC by converting data from NMEA 2000 CAN to USB format.

Baud Rate
115,000

Tools & Materials
Safety glasses
Dust mask
Ear protection
Pencil
Electric drill
Drill bit: 3mm or 1/8"
Phillips screwdriver
Cable ties (some installations)

Cable Routing & Connecting Guidelines
CAUTION: To reduce electrical interference from other electrical wiring and any on-board equipment with strong magnetic fields such as radar equipment, radio transmitters, engines, generators, etc., separate the cables by at least 1m (3'). Ensure that all the cable shields are appropriately grounded.

CAUTION: Do not remove the waterproof connector(s) to ease cable routing. Removing the waterproof connector will void the Gateway’s warranty.

CAUTION: Be careful not to tear the cable jackets when passing them through compartments, bulkheads, or walls. Use grommets to prevent chaffing.

CAUTION: Coil any excess cable(s) and secure with cable ties to prevent damage.

* NMEA 2000® is a registered trademark of the National Marine Electronics Association.

* WeatherStation® and WeatherCaster™ are registered trademarks of Airmar Technology Corporation.
Installation

Mounting Location
1. Select a convenient, dry, mounting location for the water-resistant Gateway, a minimum of 1 m (3') from the PC (Figure 1).

2. Hold the Gateway at the selected location and mark the position of the screw holes. If the box will be mounted on a vertical surface, face the cables downward to avoid water seeping into the box.

3. At the marked locations, drill the holes for the screws. Do not fasten the Gateway in place at this time.

NMEA 2000 Network Cable
Route the network cable from the Gateway to the network backbone cable. Do not connect the cable or fasten it in place at this time.

PC Cable
Route the PC cable from the Gateway to the PC. Do not connect the cable or fasten it in place at this time.

Completing the Installation
1. Fasten the Gateway in place with the screws supplied.

2. Plug the NMEA 2000 network cable into the network.

3. Plug the PC cable into the PC.

4. Fasten all the cables in place. Coil any excess cable(s) and secure it with cable ties to prevent damage.

Operation

LED Status Lights
There are two, green, LED status lights that will flash when the Gateway is operating. One LED monitors the NMEA 2000 bus and the other monitors the USB port.

Parts
Obtain parts from your instrument manufacturer or marine dealer.

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