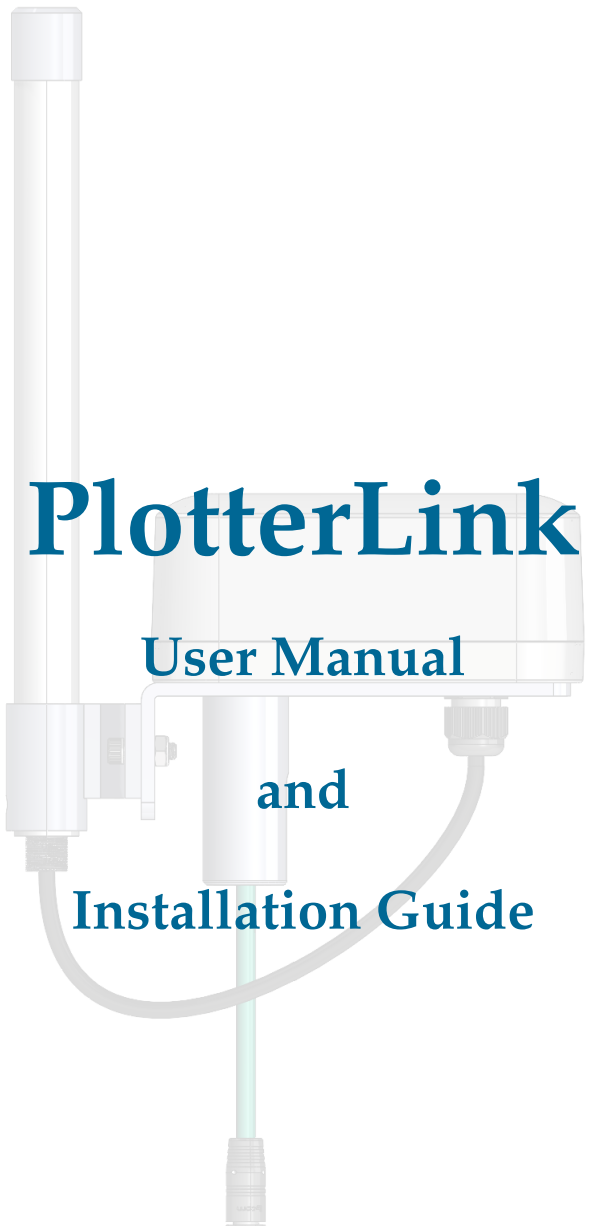




PlotterLink

User Manual

and

Installation Guide

Document No. 626-00001, Revision A

Thursday 14th November, 2024

Blue Ocean Gear, Inc.

Proprietary



Blue Ocean Gear

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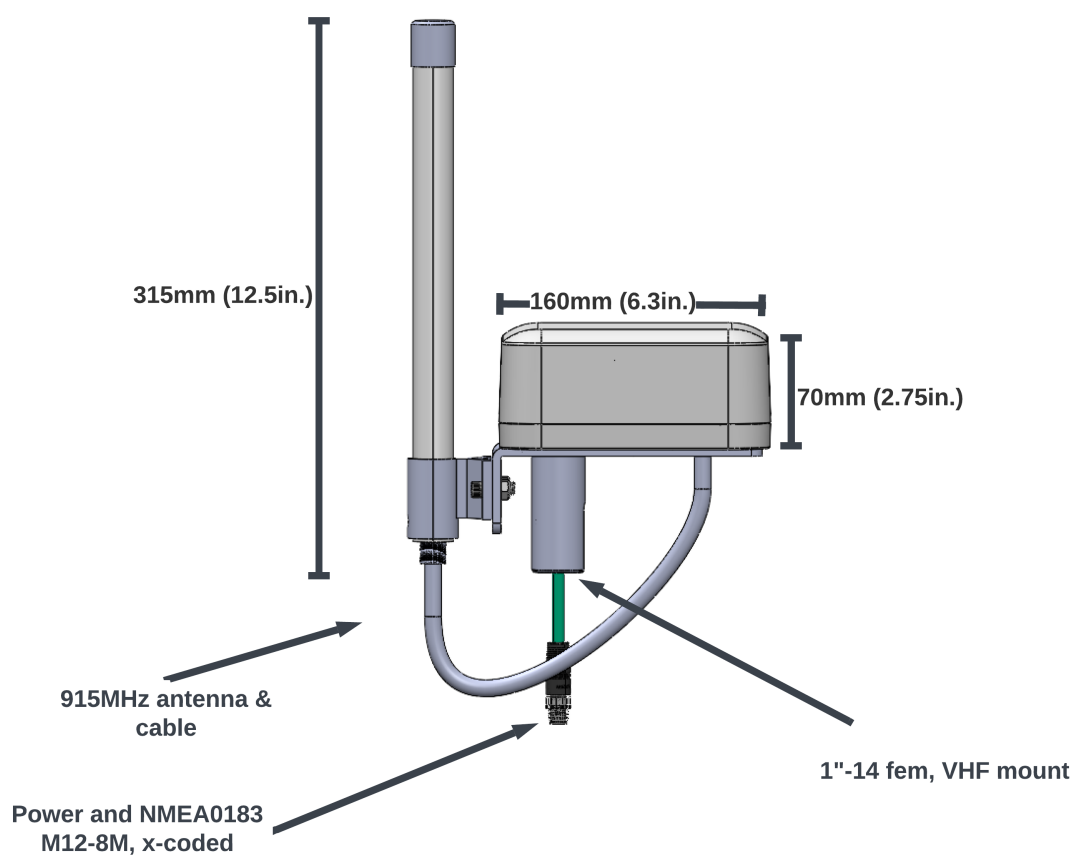
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1 Installation Notes

The PL needs a good view of the sky to ensure good Iridium satellite communications and GPS positioning. Mounting to an antenna bridge, on top of a wheelhouse is recommended. Both the power and data connection and the RF connection (cable or antenna) should be wrapped with butyl or rubber mastic tape to protect the threads.

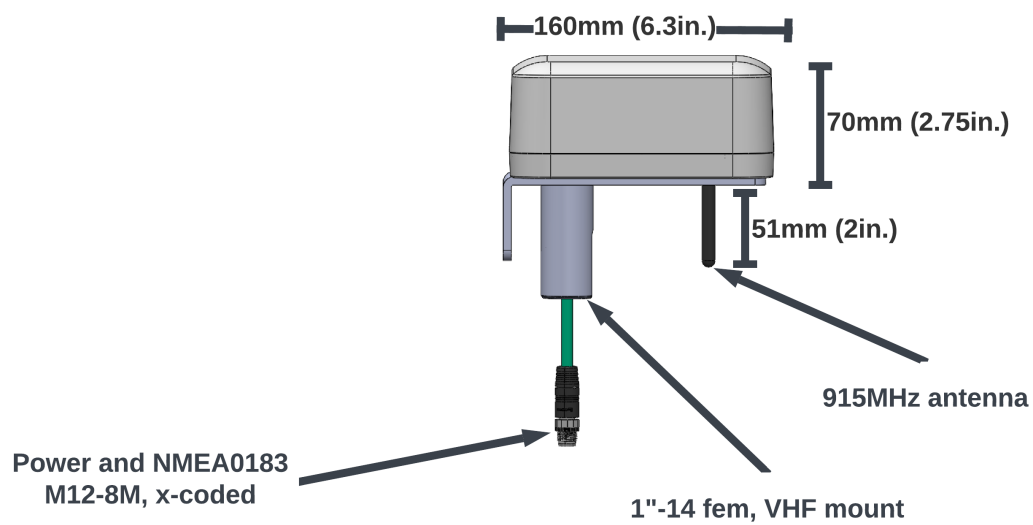
1.1 Mounting Hardware, Long Range

The PL mount has 1"-14 female threads and can mate with any standard VHF antenna mount.



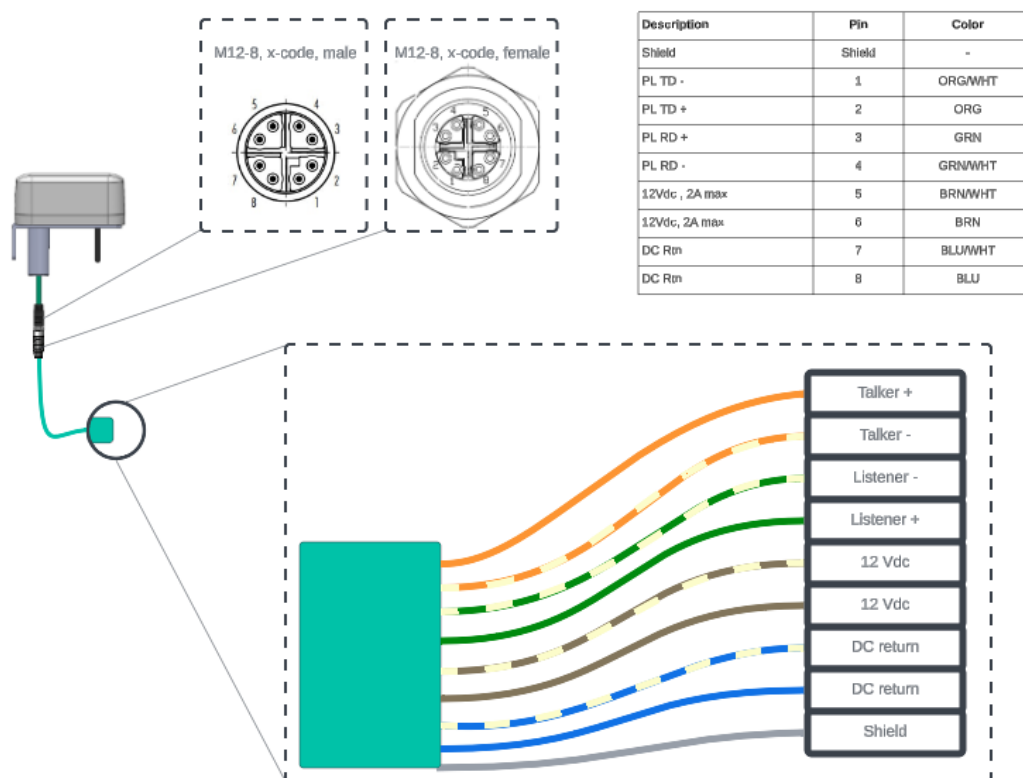
1.2 Mounting Hardware, Short Range

The PL mount has 1"-14 female threads and can mate with any standard VHF antenna mount.



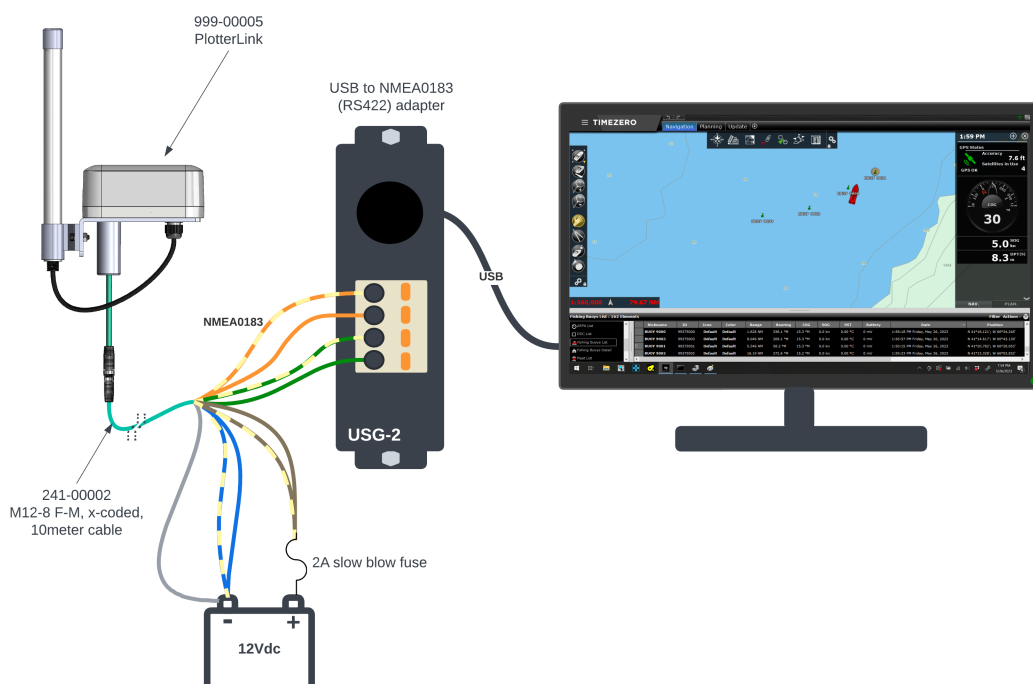
1.3 Power and data connection

IP-68 rated, M12, male, 8pin x coded connector.



2 Common System Configurations

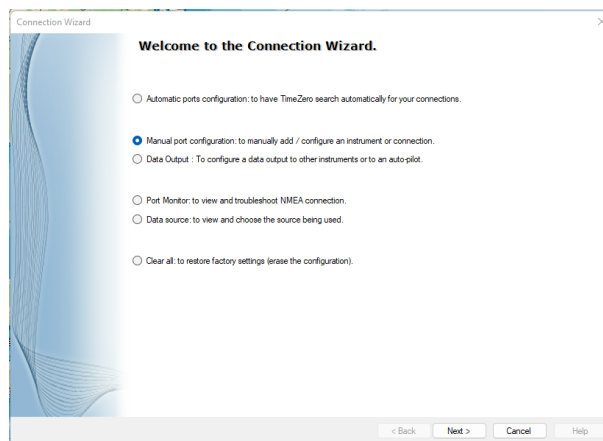
2.1 Timezero



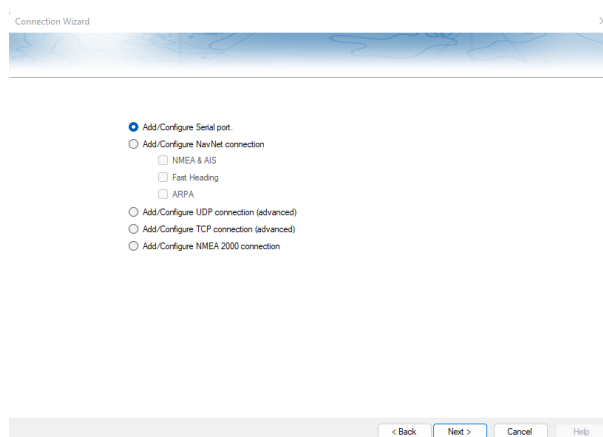
2.1.1 Timezero configuration

Setting up COM Port

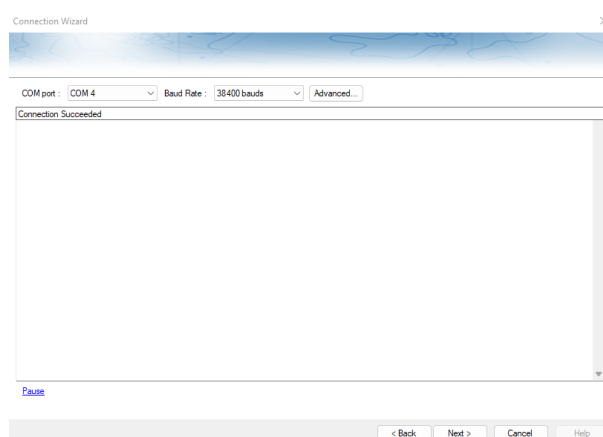
- Open up "Connection Wizard" found by clicking on the 3 horizontal lines in the top left corner of the screen.
- Select "Manual port configuration" option and click "Next >"



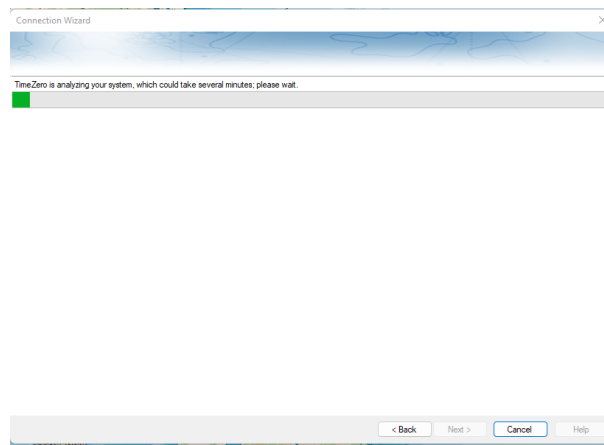
- Select "Add/Configure Serial port" and click "Next >"



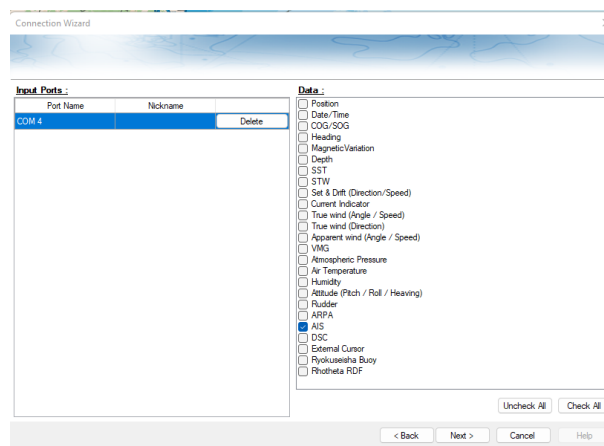
- Select the correct COM port that the PlotterLink is associated to and set the baud rate as "38400" and click "Next >"



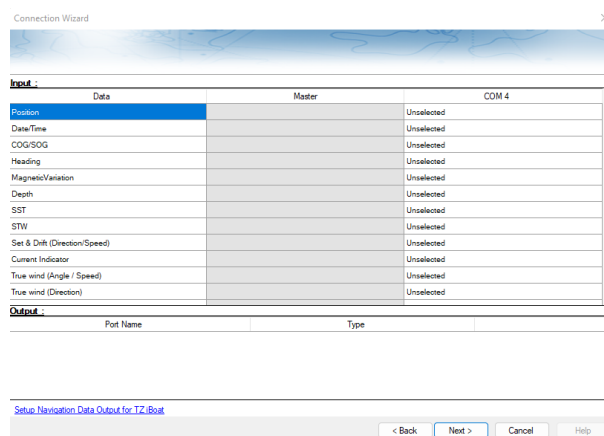
- Wait for Timezero to finish configuring the port. It will automatically take you to the next screen.



- Select "AIS" option make sure there are no other fields selected in "Data" box and click "Next >".



- Click "Next >".



- Click "Finish" and you're done!