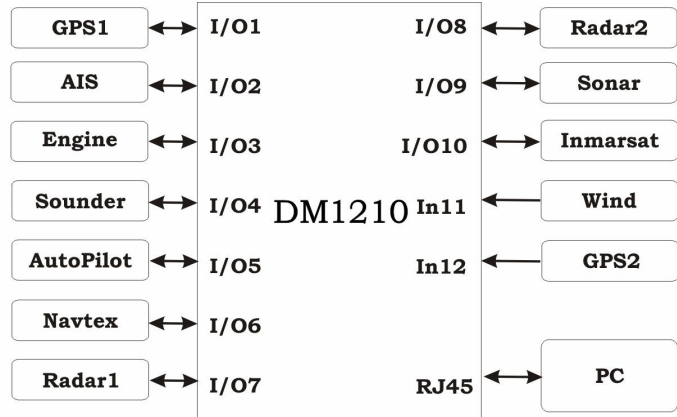


DATA MULTIPLEXER DM1210N

The DM1210N is a 12 input, 10 output and RJ45 Network interface data multiplexer designed to assist with the total integration of electronic equipment in the wheelhouse. With the increase in numbers and types of equipment generating serial data within a vessel, the need to combine and filter this data is necessary. The DM1210N is isolated and gives full dc isolation between the input supply and ground, inputs and outputs.



Features:

- | | |
|--|--|
| <ul style="list-style-type: none"> • Furuno CIF conversion. • Filtering of NMEA sentences by Talker or Formatter for each input and output. • Flexible multiplexing from one port to any other. • NMEA0183 talker modification. • NMEA/CIF depth sentences from trigger and bottom or JRC trigger/clock/data. • AD10 data from NMEA VTG, VHW, HDG, HDM, HDT, etc | <ul style="list-style-type: none"> • 100, 200, 400 or 800 PPNM from VTG/VHW • 100, 200, 400 or 800 PPNM to VTG/VHW. • Alarm outputs (2) when defined inputs received, ie predefined depth, waypoint, DGPS, etc. • User selectable mode for Baud rate, Stop bits, Parity, Data bits, Start/Stop characters. • Baud rates up to 115,200 enabling fast data transfer. • Automatic prioritised Dual Input switching. • Many other conversions to customers request. |
|--|--|

Configuration setup running DMxxConfig.exe (included program) on PC connected via the RJ45 Ethernet port.

Input requirements:

Serial Data: Current loop, RS422, RS232.
Digital: 0/5v for Trig/Bottom/PPNM and Selector

Output capabilities:

Current loop, RS422, RS232.
4 x 100mA sink for PPNM, AD10 and Alarms.

Parameters able to be configured include:

Format type (NMEA etc), Modify talker (to GP, LC, II), any port to any other port transfer, filtering, max rate, increase rate etc.

Power requirements:

11-35 vdc @ 50-200 mA.
The DM1210N provides full dc isolation between the input supply and ground/outputs.

Physical parameters:

Enclosure: Anodised Aluminium.	Mounting: Bulkhead or desktop.
Weight: 620grams.	Dimensions: 170x150x40mm.
Indicators: (LED) Power ON, Data In and Data Out each port	Connectors: Plug-in screw terminal

Designed and Manufactured by
Pacific Micro Systems

136 Curtis Street
PO Box 9285

Wellington 6012
New Zealand.

Phone: 64-4-475-9004

Web: www.pacmicro.com
Email: trevor@pacmicro.com
Fax: 64-4-475-9084

Represented by