

POSEIDON® 7 7" INTEGRATED MONITORING AND CONTROL SYSTEM

FEATURES

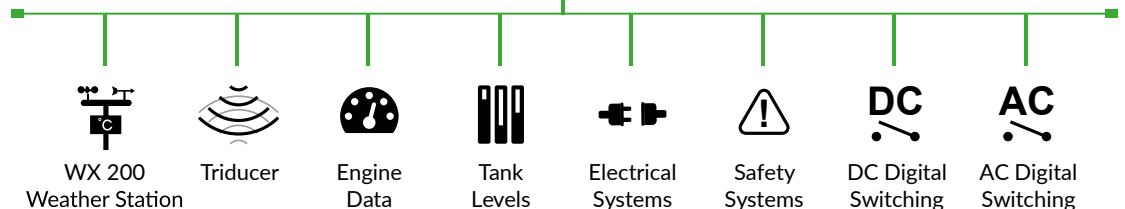
- ◆ Monitor, display and control ships data
- ◆ NMEA2000® certified
- ◆ Breathtaking vector graphics
- ◆ High resolution, sunlight readable, touchscreen display
- ◆ Fully customisable interface
- ◆ IP66 for all-weather use

Poseidon 7 System Unit



NMEA 2000®
CAN Network

NMEA 2000® CAN
Network, Devices And Sensors



Poseidon 7 offers both sail and power boats the ability to monitor and control any vessel data and display it effortlessly on the small, yet powerful display unit.

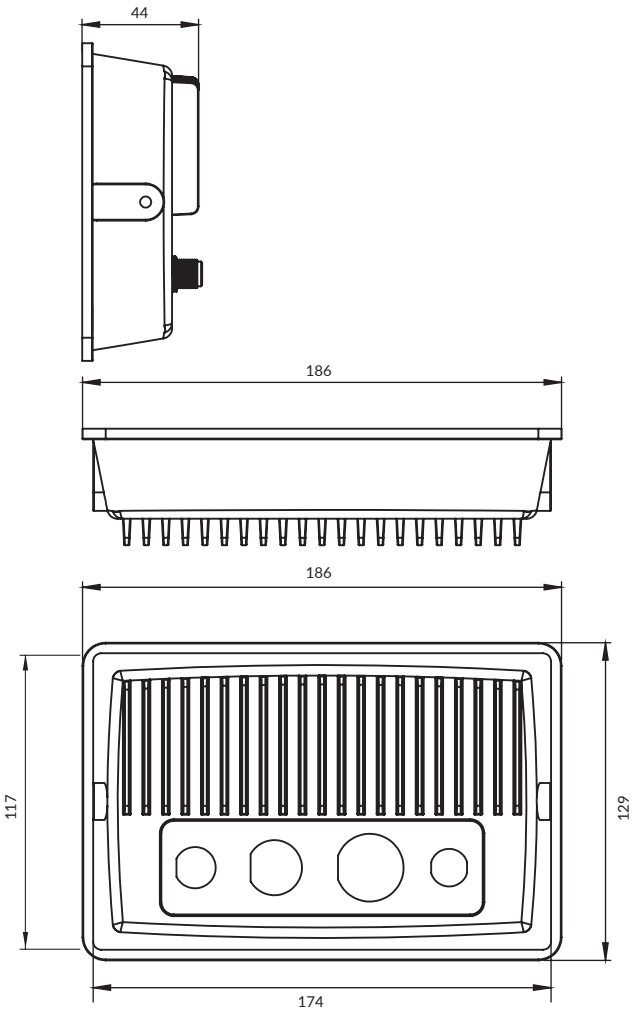
Ideal for 25-60ft vessels of all types, the NMEA2000® certified 7" integrated monitoring and control system monitors and controls any systems from tank levels, engines, AC and DC power and digital switching, bilge and fire detection systems, and all other vessel systems with ease.

Poseidon® 7 - 7" Integrated Monitoring and Control System

Part Number: 5185



Dimensions



Design Standard

NMEA2000	Level B
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NMEA2000® Parameter Group Numbers (PGNs)

Type	PGN No.	PGN Name	Default rate
Periodic data PGNs	PGN126993	Heartbeat	60s
Response to requested PGNs	PGN131009	Channel Status (proprietary)	N/A
	PGN126464	PGN List (Transmit and Receive)	N/A
	PGN126996	Product Information	N/A
	PGN126998	Configuration Information	N/A
Protocol PGNs	PGN059392	ISO Acknowledge	N/A
	PGN059904	ISO Request	N/A
	PGN060928	ISO Address Claim	N/A
	PGN065240	ISO Address Command	N/A
	PGN126208	Complex Command	N/A

Electrical and Mechanical

Parameter	Value
Operating Voltage	9 to 32 VDC
Power Consumption	300mA @24V (average operating)
CAN Voltage	9 to 32 Volts
Load Equivalence No.	1 LEN
Size	186 x 129 x 44mm
Weight	650gr
Connectors	NMEA2000® -Sealed M12 Micro-C
	USB - Sealed
	Ethernet - Sealed
	Power - Sealed 2 Pin

Environmental

Parameter	Value
IEC 60954 Classification	Protected
Degree of Protection	IP66
Operating Temperature	-20°C to 50°C
Storage Temperature	-30°C to 70°C
Relative Humidity	93%RH @40° per IEC60945-8.2
Vibration	2-13.2Hz @ ±1mm, 13.2-100Hz @ 7m/s2 per IEC 60945-8.7
Electromagnetic Emission	Conducted and Radiated Emission per IEC 60945-9
Electromagnetic Immunity	Conducted, Radiated, Supply, and ESD per IEC 60945-10

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Our policy is one of continuous product improvement, therefore product specifications are subject to change without notice. Oceanic Systems products are designed to be accurate and reliable. However, they should be used only as aids to vessel monitoring, and not as a replacement for traditional navigation and vessel monitoring techniques.

NMEA2000® is a registered trademark of the National Marine Electronics Association