

What's New...



Digital Yacht 2020

METS - New Product Introductions



See us at METS - Hall 1:434

November 2019

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Introduction



GPS160
TriNav Positioning Sensor



SEACOSENSE
Environmental monitoring



WL510R
Hi power wifi internet
access with built in router



iAISTX
Wireless Class B
transponder for app nav



Dear Partner

Welcome to our summary of new product introductions at METS 2019. We're delighted to have been nominated for a DAME Design Award with our GPS160 TriNav positioning sensor. In the 9 years we have been in business, we've had 11 nominations, 1 DAME award and a special mention which is a testament to our constant efforts to create new and innovative products and solutions for the marine industry.

We're also introducing iAISTX - a new, low cost wireless Class B AIS transponder designed specifically for use with iPads and tablets as more users migrate to these mobile platforms for navigation.

The new WL510R integrates a wifi router into a hi power wifi solution for a neat 1 box solution to access marina and hotspot wifi. Plus! Seacosense – our new range of easy to install environmental sensors for seawater monitoring and cloud analysis, helping to create a better marine environment.

Find out more at METS in Hall 1:434. We look forward to seeing you there.

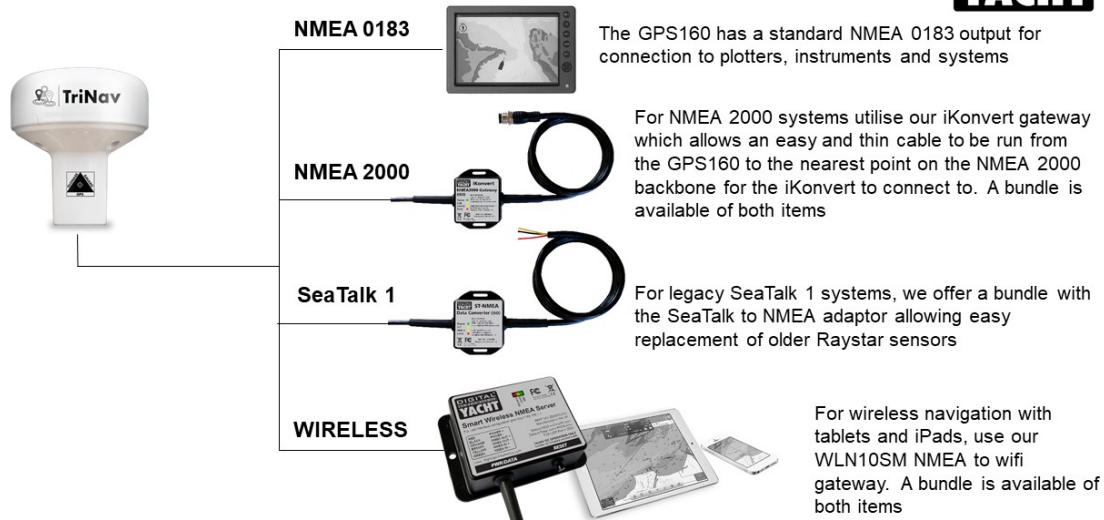
Best wishes,

The Digital Yacht team

GPS160 TriNav Positioning Sensor



Interfacing Options (NMEA Version)



- TriNav – Combination GPS-Glonass-Galileo positioning sensor offering reliable, highly accurate positioning from three independent satellite systems
- Robust anti spoofing and interference rejection
- Available with interfaces for:
 - NMEA 0183
 - NMEA 2000
 - USB
 - Seataalk 1
 - Wireless
- Supports MOB function with simple switch input – generates synthetic AIS SART MOB NMEA message on activation for plotter MOB icon
- Multi-mode operation, field configurable with internal DIP switches

iAISTX Wireless Class B Transponder



Bring AIS and GPS to popular marine apps like Navionics and iNavX with our latest, low cost wireless transponder – designed for on board installation

- Low cost, high performance Class B AIS transponder with wireless interface for tablet/iPad navigation
- Designed for users wanting great value, tablet based navigation
- Optimised for apps like Navionics, NavLink, iSailor, iNavX, Open CPN, Weather 4G, TZ iBoat, SailGrib etc
- Supplied with external GPS antenna
- Simple installation and set up with web interface programming from any connected mobile device
- Option of NMEA 2000 connectivity on iAISTX+ model

WL510R WiFi Internet Access System



On board wifi router integrated into modem transceiver for neat 1 box solution. Wifi will typically footprint boat up to 60ft



Ultra high performance external antenna with 15dBi gain. Supplied with either 10 or 20m cable assemblies

- Hi power wifi access system with external 15dBi antenna and integrated modem/router below deck unit
- Allows longer range access to marina and hotspot wifi
- Ranges up to 5-7nm
- Integrated wireless router creates personal on board, password protected wifi network
- LAN port for wired devices or connection to iKommunicate for wireless onboard NMEA 2000 data connectivity
- Supplied with 1m external antenna and mounting base.
- Available in 10 or 20m antenna cable versions

Seacosense Environmental Sensors



- New range of sensors supplied in a standard cooling water strainer for easy installation on any vessel
- Options for salinity, temperature, pH and turbidity
- NMEA 2000 and wireless interfaces with open data protocol to encourage 3rd party scientific sensor integration
- On board data logging of environmental and NMEA 2000 data allows cloud upload when internet connectivity available
- Huge interest from academic institutions to work with data to get better visibility on marine environmental conditions

