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NEW AIT1500

Class B AIS Transponder

Digital Yacht complete their family of Class B AIS transponders with the introduction of the AIT1500. Designed specifically to bring the benefits of Class B AIS to smaller vessels, it uses a high sensitivity internal GPS antenna to save on space and cut down on installation time. Simply connect to power and a plotter, plug in a VHF antenna and you're in business.

DIGITAL UPDATE DECEMBER 2014

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NTN10 NMEA 0183 TO NETWORK GATEWAY

Overlay NMEA navigation data onto an existing network

KEY FEATURES

Many large yachts now have an ethernet network installed at the build stage to allow easy installation of modern IT & communications products. The NTN10 allows NMEA 0183 navigation data to also be connected to the network, sharing the same cabling and allowing devices connected to the network to utilise this data.

On larger vessels, there will often be multiple wireless access points connected to the network and these can then also wirelessly transfer the data to connected devices like iPads and tablets.

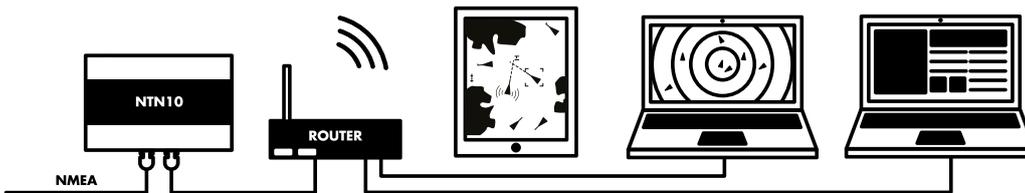
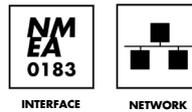
The main reason for installing is to get navigation data from the vessels

instruments, AIS or GPS onto the main network. It means connected devices like iPads or tablets then only have one network to select which can aggregate internet and navigation network data. Skippers can then use their iPad for navigation tasks using the main boat's data. It also introduces the capability of an internet connected app for functionality such as live chart updates or weather overlays.

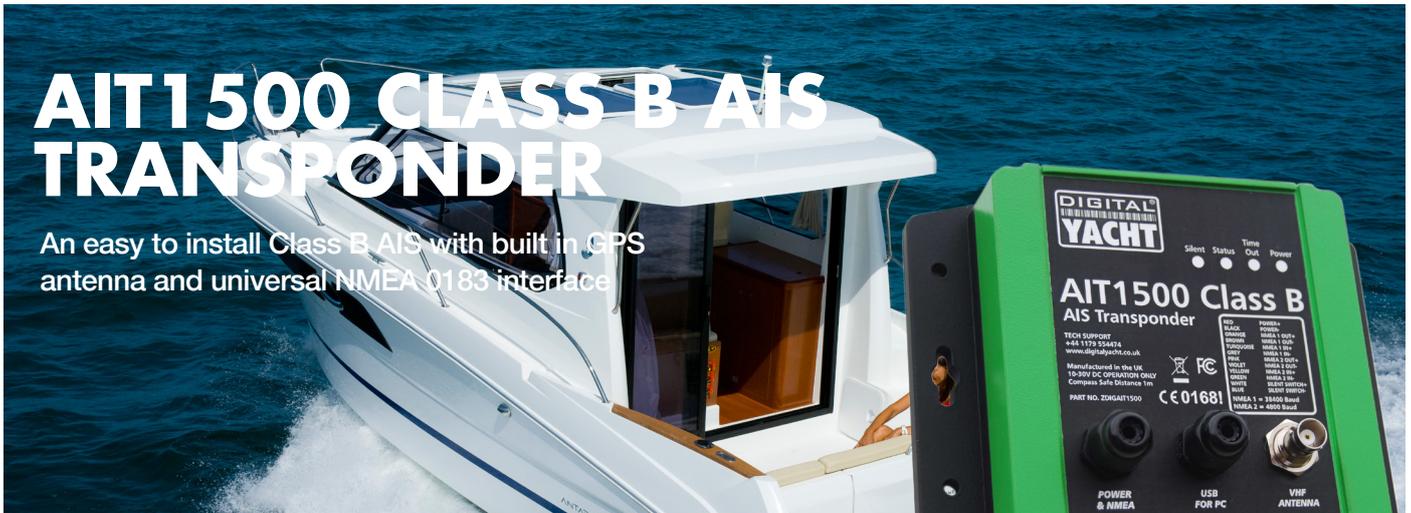
The NTN10 supports both TCP/IP and UDP data formats for maximum compatibility and can accept 4800 or 38400 baud NMEA data.

SPECIFICATIONS

- NMEA to network server
- Configurable for 4800 or 38400 format NMEA data and also compatible with MUX100 multiplexer
- UDP or TCP/IP server formats programmable by installer
- Simple RJ45 network connection
- Bi directional interface
- 12/24V installation



Typical system



KEY FEATURES

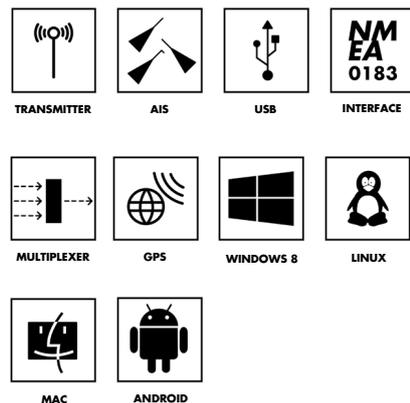
The regulations for AIS demand that the Class B transponder has to incorporate its own GPS positioning receiver which normally involves fitting an external antenna. The AIT1500 incorporates a high sensitivity GPS antenna within its compact case which saves on antenna clutter and makes for a speedy installation. It's ideal for fitting on smaller vessels and tenders. It uses a NMEA0183 interface for simple connection to the vast majority of AIS compatible chart plotters and also has a separate 4800 baud GPS data output for the DSC VHF if required. It consumes less than 2W power and can operate on 12/24V systems. It also features a silence capability so the AIS transmissions can be muted while continuing to receive AIS traffic.

There is a USB interface for programming as well as for PC/MAC based navigation. It's compatible with Digital Yacht's NavLink MAC app and SmarterTrack PC navigation system

GPS signals will pass through plastic, glass and GRP so it will be able to be mounted below decks on many boats. A dedicated VHF antenna is required for the AIS or a suitable VHF-AIS antenna splitter such as the SPL2000. It can also connect to the WLN10

SPECIFICATIONS

- Advanced AIS design for the best performance
- Waterproof compact enclosure
- Built in internal GPS antenna
- Dual NMEA 0183 outputs at 4800/38400 baud
- USB interface
- PC & MAC programming software included
- NMEA input multiplex function
- Silence switch option
- Supplied with programming and utilities CD



Typical system

KEEP UP TO DATE WITH THE LATEST DEVELOPMENTS

Here's a selection of news from our daily blog.

Wireless Navigation Takes Off at METS 2014

Digital Yacht have been pioneers in integrating consumer devices like iPads and tablets into your boat's navigation system. We introduced our award winning iAIS three years ago and our WLN10 NMEA to WiFi servers are installed on 1000s boats worldwide allowing NMEA data to be streamed to mobile devices.



AIT3000 – A neat install by UK Dealer Maricom

We're starting to see the first AIT3000 installation pictures and here's a lovely example from Hamble based Maricom. The AIT3000 is our latest Class B transponder and incorporates a VHF-AIS antenna splitter with our ZeroLoss technology.



METs "Wash Up" Meeting

So METs 2014, the largest European Marine Trade Show has closed for another year and we would like to thank everyone that visited our stand. With a DAME Award Nomination for our new AquaWear WLN20.



AISNET – A great solution for vessel tracking

AISNET is Digital Yacht's low cost AIS base station receiver. It's designed to be mounted ashore and connected to the internet via its RJ45 network interface.



Digital Yacht 2015 Pricing

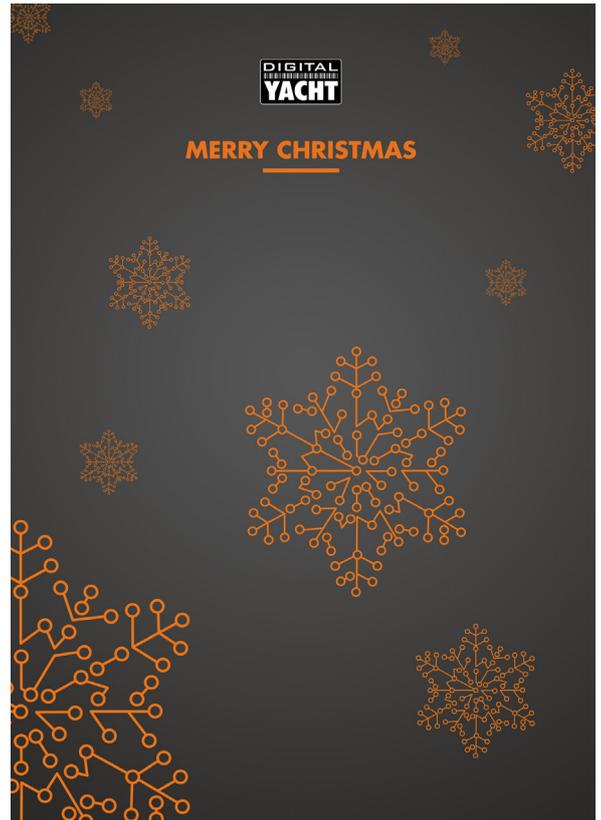
We know how frustrating annual prices changes can be so we're issuing our 2015 Price Guide early so you can prepare catalogues and websites in advance.



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SEASONS GREETINGS

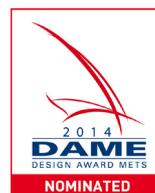


The whole team at Digital Yacht would like to wish all our customers and partners a very merry Christmas and safe and successful New Year.

Our production and sales offices will close from 24th December 2014 to 5th January 2015 but we will have a small team operating from 29th-31st December. The New Year sees the London Boat Show start on 9th January and Dusseldorf on 17th January and we look forward to seeing you at both of these shows. Thank you again for all your support and wherever you are, enjoy the Christmas holidays and our new 2014 Christmas snowflake PCB design!

DAME AWARD NOMINATED

We were delighted to be nominated for a METS Design Award with our AquaWear WLN20 wireless gateway which introduces wearable navigation to the marine market. The WLN20 was just one of five new product introductions from Digital Yacht at this years METS. Keep an eye on our YouTube channel for exclusive content from this show and the new product introductions.



UK
Tel: 01179 554 474
www.digitalyacht.co.uk

US
Tel: 978 277 1234
www.digitalyachtamerica.com

Designed and manufactured in

