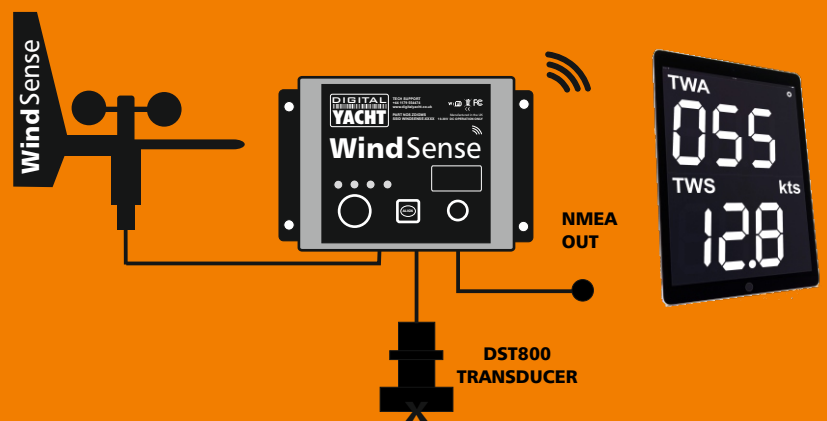# DIGITAL YACHT SOLUTIONS

System Packs From Digital Yacht

Our growing product line now allows us to create "bundle" solutions for the latest in electronic navigation. In this issue we look at AIS Solutions where we can offer Class B transponders for multiple applications from jetski and tender tracking right through to iPad and tablet based navigation with our AIT3000

PC Solutions provide a powerful yet value based big screen navigation solution integrating our AIS and sensor products with Aqua Compact Pro and our Navionics based SmarterTrack software

iSeaSense is the systems approach for our range of instrumentation sensors which now includes GPS, depth, speed, wind and compass. These can now be integarted into NMEA 0183 and NMEA 2000 systems and provide a complete on board solution with tablet and PC connectivity too.

Welcome to Digital Yacht Solutions!

WindSense

NMEA OUT

TWA 055

TWS kts 12.8

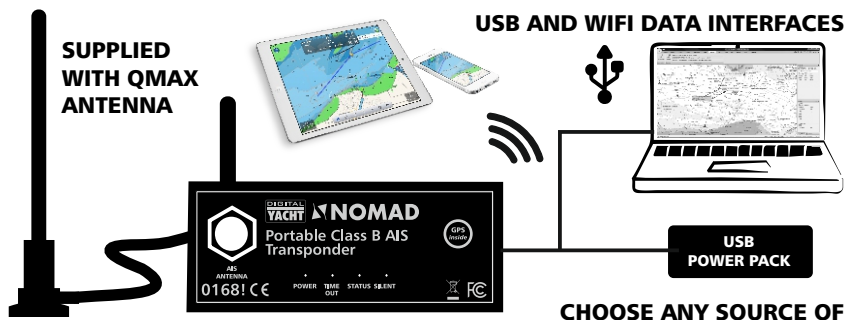DST800 TRANSDUCER

DIGITAL UPDATE

SEPTEMBER 2017

In this issue:
Class B AIS Solutions - AIS for every application
PC Navigation Solutions - Innovative PC based navigation
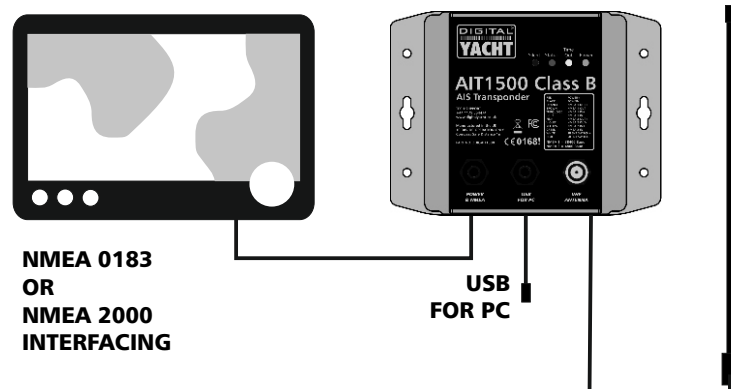iSeaSense Solutions - Use your iPad & tablet for boat instrumentation

Nomad Portable Class B AIS Transponder

SUPPLIED WITH QMAX ANTENNA

USB AND WIFI DATA INTERFACES

NOMAD Portable Class B AIS Transponder

USB POWER PACK

CHOOSE ANY SOURCE OF USB POWER

Nomad is a full function Class B AIS transceiver (transmit and receive) with built in wireless interface designed to allow iPads, tablets, smartphones and PCs to become a full function navigation device with a compatible app. It's self powered from any USB style connection so can be used with 3rd party USB battery packs, PCs or a simple USB 12V cord as a totally portable AIS transponder. With a built in GPS, it will provide the application with GPS and AIS data for real time navigation as well as transmitting AIS data to other nearby vessels.

System Components		Price
NOMAD PORTABLE CLASS B	£	475.00

AIT1500 Class B AIS Transponder

NMEA 0183 OR NMEA 2000 INTERFACING

AIT1500 Class B AIS Transponder
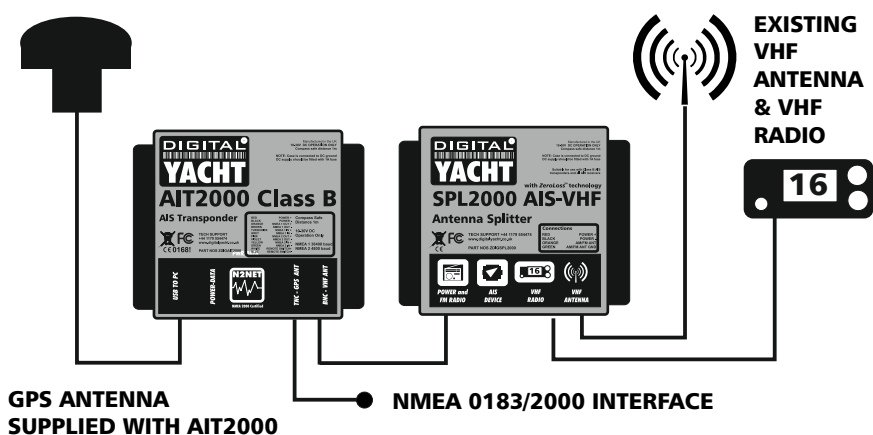
USB FOR PC

KS30 AIS ANTENNA OPTION

A simple, yet high performance Class B tranceiver with integrated GPS antenna. Ideal for use on board smaller vessels like RIBs, center consoles or even jetskis, tenders or kayaks. Choose from either a NMEA 0183 or NMEA 2000 interface.

Both models also have a USB interface

Matching SPL1500 VHF-AIS antenna splitter also available or just connect to a dedicated VHF/AIS antenna like the KS30 1m GRP whip.

System Components		Price
AIT1500 NMEA 0183	£	420.00
AIT1500 NMEA 2000	£	450.00
SPL1500 OPTION	£	195.00
KS30 AIS ANTENNA OPTION	£	50.00

AIT2000 Class B AIS with ZeroLoss VHF-AIS Antenna Splitter

AIT2000 Class B AIS Transponder

SPL2000 AIS-VHF Antenna Splitter

EXISTING VHF ANTENNA & VHF RADIO

16

GPS ANTENNA SUPPLIED WITH AIT2000
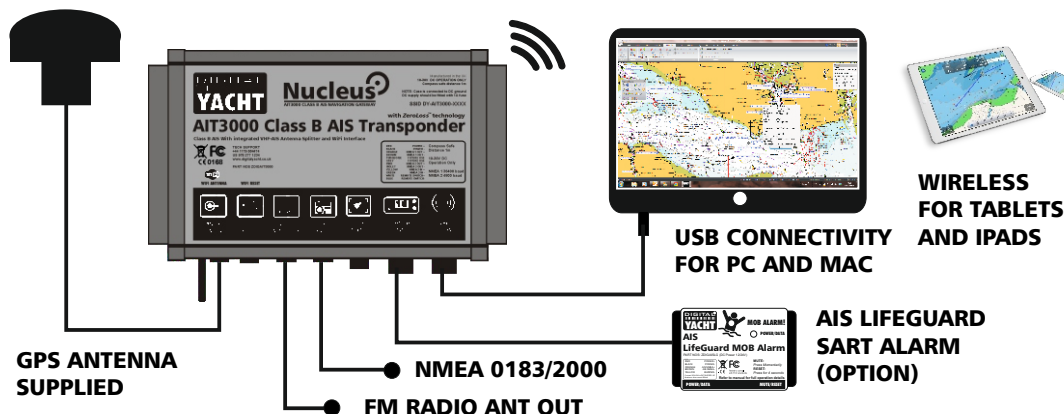
NMEA 0183/2000 INTERFACE

The AIT2000 comes complete with an external GPS antenna so is suitable for mounting on all types of boat. It has NMEA 0183 and NMEA 2000 interfaces as well as a USB PC/MAC connection.

There is also a 2nd NMEA output to provide a GPS feed for a DSC VHF radio. The AIT2000 can also be fitted with a silence switch to mute transmissions.

The matching, patented, ZeroLoss SPL2000 allows the main VHF antenna to be shared with VHF and AIS or alternatively, just connect to a spare VHF antenna.

System Components		Price
AIT2000 CLASS B AIS	£	475.00
SPL2000 AIS-VHF ANTENNA SPLITTER	£	215.00
TOTAL	**£**	**690.00**

AIT3000 With Integrated Antenna Splitter and WiFi

Nucleus AIT3000 Class B AIS Transponder

WIRELESS FOR TABLETS AND IPADS

USB CONNECTIVITY FOR PC AND MAC

AIS LifeGuard MOB Alarm

AIS LIFEGUARD SART ALARM (OPTION)

GPS ANTENNA SUPPLIED

NMEA 0183/2000

FM RADIO ANT OUT

The AIT3000 is a sophisticated one box solution with Class B AIS transponder, VHF-AIS antenna splitter and built in wifi server for tablet and iPad connectivity. Stream AIS and GPS data wirelessly to connected devices. Optional LifeGuard AIS SART alarm can also be utilises (also compatible with AIT1500/AIT2000)

System Components		Price
AIT3000	£	830.00
AIS LIFEGUARD SART ALARM (OPTION)	£	150.00
USB NMEA PC CABLE (OPTION)	£	35.00
TOTAL	**£ 1,015.00**	

PC Navigation Solutions

Easy PC Nav System with GPS

Digital Yacht's latest Aqua Compact Pro PC brings affordable and reliable PC based navigation to boats. With direct DC operation, it boasts the latest Intel 7th generation technology. SmarterTrack navigation software utilising Navionics charting is preloaded for a sophisticated yet simple to use chart plotter system with 15" display (17, 19 and 22" options available). The GPS150 DualNav sensor provides GPS & GLONASS positioning inputs with typical sub 1m accuracy. Additional NMEA devices can connect via the USB NMEA adaptor.

S115 15" LCD MONITOR

GPS150 USB

USB NMEA IN/OUT ADAPTOR

System Components	Price
AQUA COMPACT PRO PC	£ 825.00
GPS150 USB GPS WITH DUALNAV TECH	£ 165.00
SMARTERTRACK NAV SOFTWARE	£ 150.00
USB-NMEA ADAPTOR	£ 35.00
S115 MONITOR KIT WITH DC-DC ADAP	£ 495.00
NAVIONICS CHART (OPTION)	£ 190.00
TOTAL	£ 1,860.00

PC Nav System with GPS, Wind & AIS Class B Transponder

WindSense

NMEA 2000

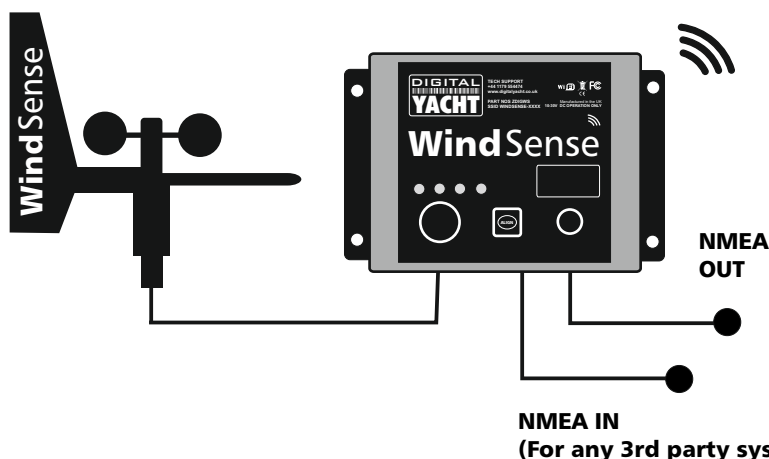**USB NMEA IN/OUT ADAPTOR**

S115 15" LCD MONITOR

This system builds on the basic package and includes AIS (Class B transponder) plus a WND100 wind transducer integrated too for wind speed and angle information. SmarterTrack software offers an advanced AIS display with colour coded targets and alarms for CPA and TCPA. The AIT2000 allows interfacing to traditional chart plotters with a NMEA 0183 and NMEA 2000 interface. There is also a GPS NMEA output for DSC VHFs.

System Components	Price
AQUA COMPACT PRO PC	£ 825.00
AIT2000 CLASS B AIS TRANSPONDER	£ 475.00
SMARTERTRACK NAV SOFTWARE	£ 150.00
USB-NMEA ADAPTOR	£ 35.00
S115 MONITOR KIT WITH DC-DC ADAP	£ 495.00
WND100 WIND TRANSDUCER (OPTION)	£ 250.00
NAVIONICS CHART	£ 190.00
TOTAL	£ 2,420.00

PC Nav System with GPS, AIS & iKommunicate WiFi Interface

True CH Wind

S115 15" LCD MONITOR

AIT2000 Class B AIS Transponder

NMEA 2000 BACKBONE

iKommunicate plus the iKConnect WiFi router adds full NMEA 2000 integration to the system with possibilities for engine monitoring too. The wireless interface can also support multiple tablets and iPads with a choice of 100s of different charting and instrument display apps. The Aqua PC can also wirelessly connect to the iKConnect router.

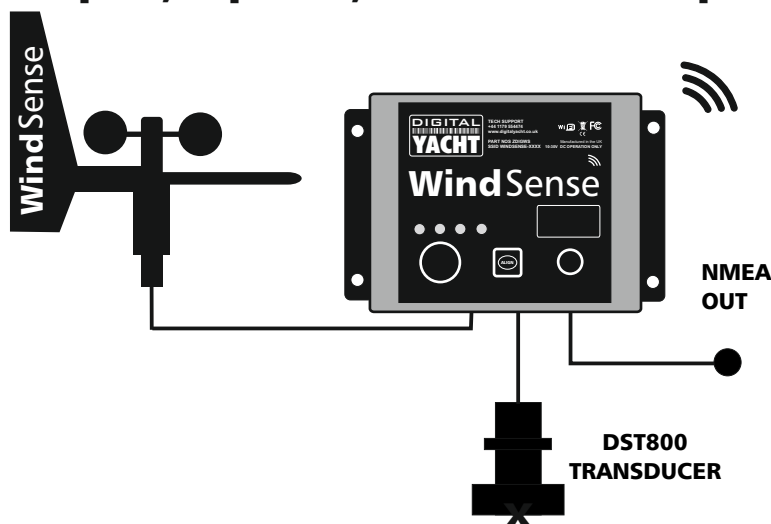| System Components	Price
AQUA COMPACT PRO PC	£ 825.00
AIT2000 CLASS B AIS TRANSPONDER	£ 475.00
SMARTERTRACK NAV SOFTWARE	£ 150.00
iKOMMUNICATE + iKCONNECT ROUTER	£ 350.00
S115 MONITOR KIT WITH DC-DC ADAP	£ 495.00
NAVIONICS CHART	£ 190.00
TOTAL	£ 2,485.00

iSeaSense

Wind Pack

A great starter pack for any sailor looking to add wind instrumentation. WindSense has a very high quality mast head unit which is wired to the below deck wifi box - providing a feed for up to 7 connected devices

WindSense

NMEA OUT

NMEA IN
(For any 3rd party system 4800/38400 baud)

Utilise your tablet or smartphone as an instrument display with 100's compatible apps. NMEA output for traditional instrument displays and input for any compatible NMEA 0183 data

True CH Wind

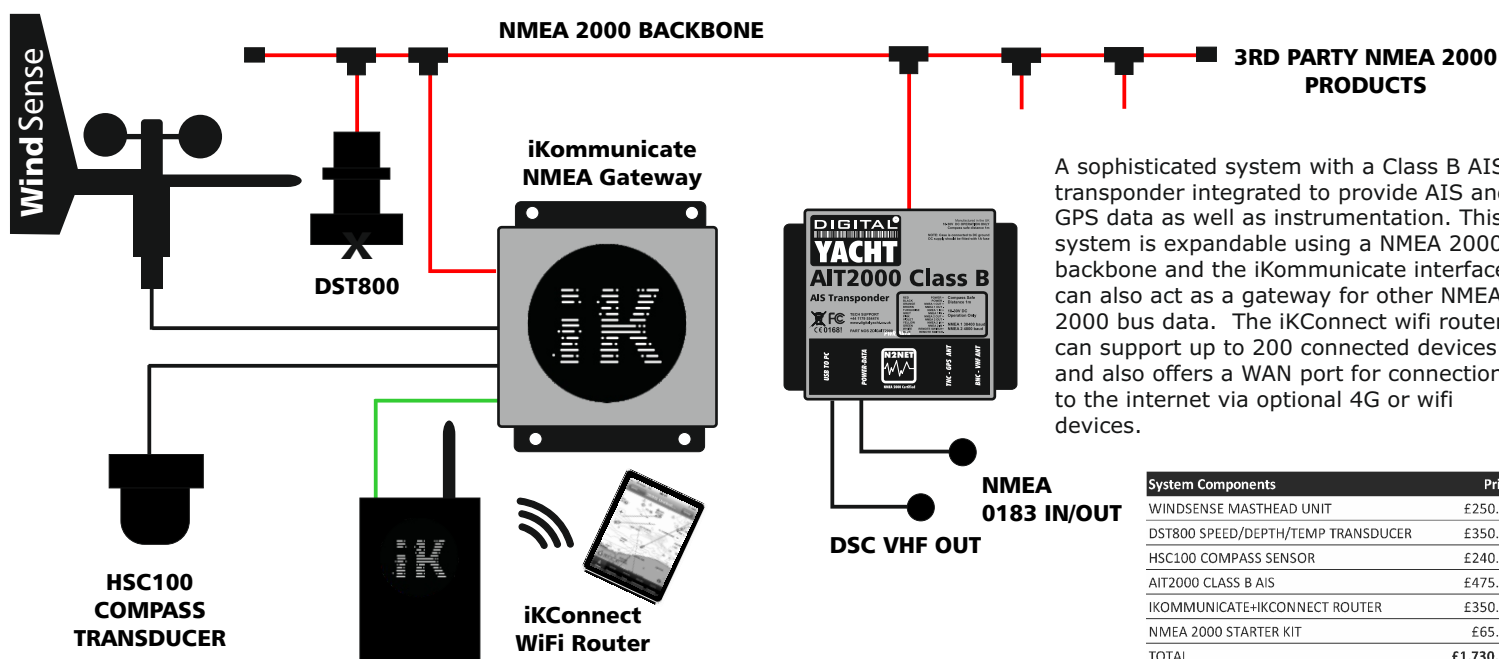| System Components	Price
WINDSENSE WIRELESS WIND SYSTEM	£375.00

Depth, Speed, Wind & Temp Pack

All the features of the Wind pack but with the addition of a smart depth/speed/temp transducer to provide a complete wind, speed, depth and temperature based solution.

With the addition of boat speed information, compatible apps can calculate true wind speed and angle as well as VMG

WindSense

NMEA OUT

DST800 TRANSDUCER

TWA
055
TWS   kts
12.8

System Components	Price
WINDSENSE WIRELESS WIND SYSTEM	£375.00
DST800 SPEED/DEPTH/TEMP TRANSDUCER	£350.00
TOTAL	**£725.00**

Advanced integrated pack with AIS, GPS and Instrumentation

NMEA 2000 BACKBONE

3RD PARTY NMEA 2000 PRODUCTS

WindSense

DST800

iKommunicate NMEA Gateway

AIT2000 Class B
AIS Transponder

A sophisticated system with a Class B AIS transponder integrated to provide AIS and GPS data as well as instrumentation. This system is expandable using a NMEA 2000 backbone and the iKommunicate interface can also act as a gateway for other NMEA 2000 bus data. The iKConnect wifi router can support up to 200 connected devices and also offers a WAN port for connection to the internet via optional 4G or wifi devices.

HSC100 COMPASS TRANSDUCER

iKConnect WiFi Router

NMEA 0183 IN/OUT

DSC VHF OUT

System Components	Price
WINDSENSE MASTHEAD UNIT	£250.00
DST800 SPEED/DEPTH/TEMP TRANSDUCER	£350.00
HSC100 COMPASS SENSOR	£240.00
AIT2000 CLASS B AIS	£475.00
IKOMMUNICATE+IKCONNECT ROUTER	£350.00
NMEA 2000 STARTER KIT	£65.00
TOTAL	**£1,730.00**