



Still, Regat



Motor Boat



Superyacht



Vessel Point



Sport Fishing



Commercial Fishing

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# Digital Yacht Product Guide

and Price List (GBP Ex VAT)

- AIS Systems
- Navigation Sensors
- Wireless Navigation
- Wireless Internet
- Marine PCs and Apps
- Onboard Networking
- Entertainment
- Safety
- Digital Deep Sea

Here's a quick overview of our latest products. Digital Yacht systems add features, functionality and value to any marine navigation system. Welcome to new thinking in marine electronics for 2018...



NEXT GENERATION NAVIGATION SOLUTIONS

PRICES IN GBP £ EX VAT

January 2018

Digital Yacht UK Tel 01179 55 44 74 [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

## AIS Class B Transponders

### Wake up your chart plotter with Digital Yacht AIS Class B Transponders for every application

Digital Yacht have the most extensive range of AIS products from any manufacturer with AIS receivers and Class A/B transponders available together with a full line up of accessories such as alarms, antennas and splitters.

With AIS you'll bring your plotter and navigation systems to life with a dynamic overlay of AIS targets and a clear indication of their identity and heading. The system provides a step change in navigational situation awareness, security and a great basis for social boating to identify your friends and fellow boaters. Use our SmarterTrack PC navigation software for great real time navigation displays on a PC or the NavLink and iAIS range of iOS apps - plus our wireless systems are compatible with 100s of 3rd party apps too.

All our products utilise the most sophisticated dual channel technology for unrivalled target acquisition capability and with HF AIS satellite tracking embedded software on the Class B products, they are future proofed for advanced ocean satellite tracking.

The AIT1500 features a built in GPS antenna for easy mounting on sports boats, RIBs and small yachts. The AIT2000 ships with an external GPS antenna and features dual NMEA 0183 and NMEA 2000 interfaces. Nomad is a world first - a portable Class B transponder with flexible USB power option and wifi connectivity and it's supplied with a portable VHF antenna too - great for moving from boat to boat or for charter/delivery skippers. Choose the ultimate AIT3000 for wireless, NMEA 0183, NMEA 2000 and USB connectivity with a built in ZeroLoss VHF antenna splitter for the fastest, easiest and best way to upgrade your navigation with Digital Yacht AIS. You can also utilise our SPL1500/SPL2000 VHF-AIS antenna splitters with our Class B transponders if you don't want to install another VHF antenna.

See also the AIS LifeGuard AIS SART alarm - a valuable accessory for use with AIS PLBs and SARTs. Ask our AIS experts about the best antennas or accessory for your installation and visit our daily newsfeed at [www.digitalyacht.net](http://www.digitalyacht.net) for useful tech tips.

Part Number	Description	RRP £ EX VAT
ZDIGAIT1500	AIT1500 CLASS B TRANSPONDER WITH INT GPS ANT (NMEA 0183)	420.00
ZDIGAIT1500N2K	AIT1500 CLASS B TRANSPONDER WITH INT GPS ANT (NMEA 2000)	450.00
ZDIGAIT2000	AIT2000 CLASS B TRANSPONDER (SUPPLIED WITH GPS ANTENNA)	475.00
ZDIGAIT3000	AIT3000 CLASS B TRANSPONDER WITH SPLITTER AND WIFI	830.00
ZDIGAITBUN1	AIT2000 PLUS GV30 BUNDLE (COMBO VHF-GPS ANTENNA)	555.00
ZDIGNMD	NOMAD PORTABLE CLASS B AIS TRANSPONDER WITH USB & WIFI (INT GPS)	495.00
ZDIGQMA	NOMAD QMAX AIS-VHF ANTENNA	50.00
ZDIGSPL1500	SPL1500 VHF ANTENNA SPLITTER FOR VHF/AIS OPERATION FROM 1 ANT	195.00
ZDIGSPL2000	SPL2000 VHF ANTENNA SPLITTER FOR VHF/AIS OPERATION FROM 1 ANT (WITH FM)	215.00
ZDIGAISLG	AIS LIFE GUARD MOB/SART ALARM	150.00
ZDIGGV30	GV30 COMBO AIS-GPS ANTENNA	95.00



Watch your navigation system wake up with Digital Yacht AIS products



iAIS is an iPhone & iPad app that can now utilise Navionics charts as an optional "plug in" layer

Check out NavLink too and literally thousands of 3rd party compatible apps



Utilise the SPL1500 or SPL2000 to share the VHF antenna between AIS and VHF. It makes for a super quick installation and with patented ZeroLoss technology



Add a Digital Yacht NMEA-WiFi server for iPad and tablet connectivity

Find out more at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

**AIT1500**  
Class B AIS Transponder



**AIT2000**  
Class B AIS Transponder



**AIT3000**  
Class B AIS Transponder



**NOMAD Portable**  
Class B AIS Transponder





# AIS Receiver Solutions

## AIS receivers for a simple plotter installation plus iPad and AIS Base Station systems

Adding AIS to your navigation system is simple with Digital Yacht AIS receiver products. All units use the most advanced and super sensitive true dual channel parallel processing receivers for exceptional sensitivity. The AIS100 series is available with NMEA, USB or a combi USB-NMEA output on the PRO model for connection to plotters, PCs or MACs. The Pro model also features a NMEA input multiplexer.

iAIS features a wifi interface for connection to tablets, iPads and smart phones as well as USB and NMEA interfaces. The AIS Node features a NMEA 2000 interface and is self powered from the NMEA 2000 back bone. Just "T" in and connect an antenna for the easiest of installations.

Digital Yacht also offers SmarterTrack Lite AIS viewing software free of charge with every AIS system, turning your PC into a great AIS display.

AISNET is an AIS receiver base station with a network port - connect to a router and send local AIS traffic to internet providers like Marine Traffic or even your own local server.

For delivery and charter skippers, a package of PC and AIS100USB AIS receiver with the portable QMax antenna provides a simple solution. Add our SmarterTrack software with Navionics charting and a GPS150USB for a full featured navigation package.

All Digital Yacht AIS products decode the latest AIS information from AtoNs and SARTs.

What's more you can add tablet and iPad wireless connectivity to any of our products using our range of NMEA to WiFi adaptors.

Easy next generation navigation from Digital Yacht.

### AIS100 Receiver Series

Advanced dual channel AIS receivers with USB, NMEA or combi outputs and NMEA multiplex capability



iAIS Wireless AIS Receiver with NMEA, USB & WiFi connectivity

AISNET AIS Receiver Base Station (with ethernet router connectivity)



AIS LifeGuard AIS SART alarm connects to any AIS receiver or transponder

The QMax antenna is a 25cm portable VHF antenna with a sucker cup mount and ideal for use as a portable solution



Part Number	Description	RRP £ EX VAT
ZDIGAIS100	AIS100 AIS RECEIVER (NMEA OUT)	150.00
ZDIGAIS100USB	AIS100 AIS USB RECEIVER (USB SELF POWERED)	150.00
ZDIGAIS100QMA	AIS100 AIS USB RECEIVER WITH QMAX PORTABLE ANTENNA	200.00
ZDIGAIS100P	AIS100 PRO AIS RECEIVER (USB AND NMEA OUTPUTS)	175.00
ZDIGiAIS	iAIS WIRELESS AIS RECEIVER (FOR IPHONE, iTOUCH and IPAD)	350.00
ZDIGAISNODE	AISnode NMEA 2000 AIS RECEIVER	250.00
ZDIGAISNET	AISNET NETWORK AIS BASE STATION RECEIVER	325.00
ZDIGAISNETSP	AISNET NETWORK AIS BASE STATION RECEIVER WITH BUILT IN AIS-VHF ANT SPLITTER	500.00
ZDIGAISLG	AIS LIFE GUARD MOB/SART ALARM	150.00
ZDIGGV30	GV30 COMBO AIS-GPS ANTENNA	95.00

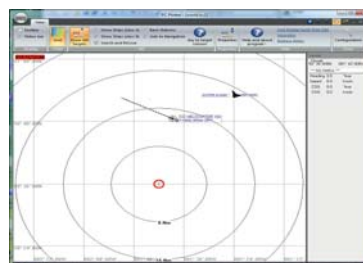
### GV30 Combi AIS-GPS Antenna



### AIS100USB with QMax portable antenna



### SmarterTrack Lite PC AIS Viewing Software



### AIS Node NMEA 2000 Receiver



Find out more at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

## Sensors & Instruments



### Next generation navigation with precision positioning from the GPS150 DualNav GPS-GLONASS sensor

Positioning is a navigation fundamental and the GPS150 DualNav™ positioning sensor combines a super accurate 50 channel GPS with GLONASS, the Russian funded satellite positioning system that is now on line and providing an excellent back up or alternative to GPS. This "smart" sensor will automatically switch between the systems or the user can manually select the most appropriate for their activity. In DualNav mode, a sophisticated algorithm combines GPS and GLONASS data to offer sub 1m accuracy.

Digital Yacht's GPS150 utilises the industry standard NMEA data format allowing older chart plotters as well as current generation products to take advantage of this new technology. The GPS150 also allows the user to select a variety of different NMEA baud rates (4800, 38400 and 115200) to allow interfacing with legacy and current systems. It also supports a new TurboNav™ mode which will appeal to racing yachtsmen and performance users where GPS/GLONASS data is output at 10Hz (10 x faster update than normal) and with an interface speed of 115200 baud which is 24 x the speed of normal NMEA data. This massively improves slow speed navigation data as well as providing the best course and speed data in a dynamic situation.

The GPS150 can also connect to the WLN10 wireless interface to allow data to be sent to mobile devices such as iPhones, iPads and Tablets. There is also a USB version for PC and MAC users (ZDIGGPS150USB)

### WindSense

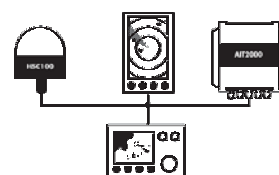
WindSense from Digital Yacht is a new wireless wind system designed to allow iPads, tablets, SmartPhones and PCs to display accurate apparent wind speed and direction. It features a high quality, precision mast head sensor with 20m cable that connects to a below decks interface unit creating a wireless and NMEA 0183 wired connection. Existing NMEA compatible sensors can also be connected to the NMEA input to allow the wireless network to share other available on board instrument data. It's compatible with a wide range of apps for iOS and Android. The built in wifi will typically footprint a GRP boat up to 30m. Compass and speed/depth sensors also available

### WindSense



Highly accurate wind sensor with wifi interface for iPads, Smartphones, PCs and tablets and NMEA output for traditional instrument displays

### HSC100 Fluxgate Compass



The HSC100 is a precision fluxgate sensor with NMEA 0183 output. It can be programmed for a fast 6Hz output for radar stabilisation and is also available as the HSC100T with a synthesised true heading output and ROT information - ideal for use with Class A AIS systems

### DST800 Depth-Speed-Temp Transducers For Complete System



Add a DST800 depth, speed and temperature transducer to WindSense to create a complete instrument system. Compatible apps can utilise the boat speed data to calculate true wind speed and direction

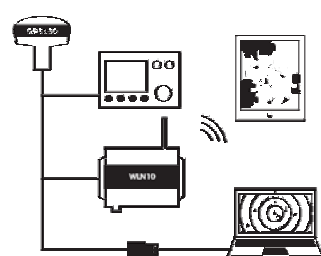
Part Number	Description	RRP £ EX VAT
ZDIGHSC100	HSC100 FLUXGATE COMPASS SENSOR WITH NMEA OUTPUT	240.00
ZDIGHSC100T	HSC100T FLUXGATE COMPASS SENSOR WITH NMEA OUTPUT (ROT version)	240.00
ZDIGWND100	WND100 MAST HEAD UNIT AND 20M CABLE	250.00
ZDIGWS	WINDSENSE WIRELESS WIND SYSTEM WITH MAST HEAD UNIT	375.00
ZDIGDST800	DEPTH SPEED TEMP ACTIVE TR (NMEA 0183) TH PLASTIC	350.00
ZDIGDSTN2K	DEPTH SPEED TEMP ACTIVE TR (NMEA 2000) TH PLASTIC	350.00
ZDIGGPS150	GPS150 DUALNAV GPS/GLONASS SENSOR	125.00
ZDIGGPS150USB	GPS150 DUALNAV GPS/GLONASS SENSOR (USB VERSION)	165.00

More at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

#### GPS150 DualNav Positioning Sensor



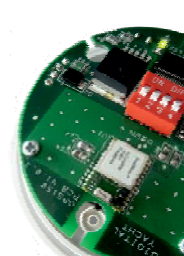
#### GPS150 - Add the WLN10HS for wireless tablet integration



#### GPS150USB For PC/MAC Navigation



#### GPS150 Easy DIP Switch Configuration







# NMEA to Wireless Adaptors

## Integrate smart devices like iPads and tablets into your boat's navigation system with Digital Yacht

We're all familiar with dedicated electronic chart plotters for navigation afloat. Since the introduction of GPS about 25 years ago, dedicated marine plotters have become the back bone of modern electronic navigation systems. But whilst smaller 4" and 5" plotters have tumbled in price, larger 8"-15" devices remain stubbornly expensive. The cost of the electronic cartography can also be high and you'll often be hooked into a closed or proprietary "eco" system for accessories, upgrades or extra features.

Consumer devices like the iPad do offer an alternative and with iPad sales now over 360 million units to date, they bring an economy of scale but also, importantly, a network of software developers making niche apps – many of which can be useful for marine utilisation.

The core iPad hardware revolves around a high resolution 7.9", 9.7" or 12.9" touch screen display. With screen resolutions now at 2732 x 2048 pixels for the latest iPad Pro, it outpaces dedicated products by a mile yet costs a lot less. They also feature wireless interfaces to allow integration with other on board devices and systems and with internet connectivity, they can bring a host of "cloud" data to your boat – from the latest weather reports to charts updates or crowd sourced data.



Whilst an iPad isn't waterproof, there's a variety of protective cases now available and of course 12v chargers, adaptors and mounting options.

At Digital Yacht, we firmly believe there's a place for consumer devices integrated into a boat's system and we have a wide range of wireless hardware and applications that make this a reality. We're determined to offer better value in boating and electronic navigation, safety, communication and entertainment afloat and the iPad revolution is a big step forward here. Our wireless servers are also compatible with Android and PC systems so you can utilise them with the latest slates from Microsoft too. Welcome to next generation navigation from Digital Yacht.

Digital Yacht NMEA to Wifi Servers are compatible with thousands apps



Choose the NavLink iOS app for realtime navigation with detailed charts, AIS overlays and instrument displays

AISView for Android brings live AIS from your boat's system to an Android tablet or phone. Compatible with any Digital Yacht NMEA to WiFi server



SonarServer for Navionics Sonar Charts Live



find out more at [www.sonarserver.com](http://www.sonarserver.com)

More at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

Part Number	Description	RRP £ EX VAT
ZDIGWLN10	WLN10 NMEA TO WIFI ADAPTOR	180.00
ZDIGWLN10HS	WLN10HS NMEA TO WIFI ADAPTOR (38400 baud)	180.00
ZDIGWLN20	WLN20 AQUAWEAR NMEA-WIFI SERVER	220.00
ZDIGSSYS	SONAR SERVER DEPTH SYSTEM WITH TH TRANSDUCER (FOR NAVIONICS APP)	495.00
ZDIGAQWC	AQUAWEAR WRIST CASE	30.00
ZIDIGIK	iKommunicate NMEA 0183/2000 TO SIGNAL K GATEWAY	220.00
ZIDIGKBUN	iKommunicate plus iKCONNECT ROUTER BUNDLE	350.00

### WLN10 Series NMEA to WiFi Servers



Single NMEA input

### WLN20 AquaWear NMEA to WiFi Server



Dual NMEA inputs

Optional SeaTalk with new SeaTalk to NMEA adaptor

### iKommunicate plus iKConnect Router Bundle NMEA 0183, NMEA 2000 and Signal K Server



- Multiple NMEA 0183 inputs
- NMEA 2000
- On board web server and SD card storage
- Password protected wifi
- WAN and LAN wired connections
- Internet connectivity with WL70, WL510 or 4G Connect
- Signal K compatibility for easy app development

## Hi Power WiFi Internet Afloat

### High power, long range WiFi for your boat offers speedy and affordable internet access afloat

More and more boaters want access to the internet afloat. Marinas and ports as well as a large number of cafes, hotels, restaurants and service providers offer wi-fi connectivity but you may just miss that vital connection if you're moored or anchored away from the dock – especially if you're below decks about to enjoy a movie or catch up on email. Digital Yacht offer a range of wifi "boosters" capable of offering access to hotspots even when several miles offshore or away from port.

The entry level WL70 can offer connections up to about 1/2 mile/1km depending upon conditions. It has a very high performance 1.25m 15dBm antenna to suck in the weakest of signals and the internal low noise, high sensitivity modem connects to the PC via simple plug 'n play USB interface. It fits a standard 1" mount (not supplied) so can be permanently mounted or even taken out into the cockpit when moored and temporarily installed.

The more sophisticated WL510 is a two part hi-power wifi access system comprising high gain external antenna and below deck modem and amplifier.

With the range offered by the WL510 (up to 7NM depending upon conditions), you're not limited to local access points either and many users take advantage of free wifi from cafes, bars and other sites even when a few miles offshore.

Most importantly, it utilises a network connection so can connect direct to the iNavConnect and iNavHub routers so the connection can be shared by PCs, tablets, iPads and other devices like smart TVs

### WL510 & iNavHub Router Typical System



The combination of the WL510 plus iNavHub allows the wifi connection to be shared by multiple users on PCs, iPads and tablets by creating a local boat wifi network. NMEA data can also be connected so the same network can be used for navigation and internet



With the WL70 you can utilise windows connection sharing on your laptop or PC which will act as a wifi router allowing other mobile users with iPads and tablets to share the connection. It can also be used with the iKConnect router (with USB connection)



### Optional iKConnect WiFi Router For WL70



### iKConnect Router for WL70 and iKommunicate

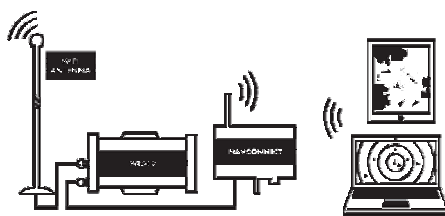
iKConnect is a new super-compact wifi router for use with all our wifi systems including the USB WL70. It's DC powered and easy to fit and will also work with our new iKommunicate gateway.

Part Number	Description	RRP £ EX VAT
ZDIGWL60	WL60 MK3 WiFi ACCESS SYSTEM (USB)	100.00
ZDIGWL70	WL70 WiFi ACCESS SYSTEM (USB)	150.00
ZDIGWL70R	WL70 PLUS WIFI ROUTER BUNDLE (WL70 plus iKConnect Router)	300.00
ZDIGWL510	WL510 HI POWER WiFi ACCESS SYSTEM (NETWORK CONNECTION) WITH 10M CABLE	495.00
ZDIGWL510-20	WL510 HI POWER WiFi ACCESS SYSTEM (NETWORK CONNECTION) WITH 20M CABLE	595.00
ZDIGWL500UP	WL500-510 UPGRADE KIT	295.00
ZDIGIKC	iK CONNECT ROUTER	150.00
ZDIGINC	iNAVConnect WIFI ROUTER	150.00
ZDIGINH	iNAVHub NMEA SERVER AND WIFI ROUTER	300.00

### WL510 Hi Power WiFi Access System (Up to 7NM)



### WL510 & iNavConnect Router Typical System



### iNavConnect Router With Fusion app & audio compatibility







# 4G Connect LTE Internet Access

## 4G Connect - Fast long range LTE internet afloat

4G Connect is a new 2G/3G/4G (LTE) internet access solution for use afloat. It utilises the latest MIMO technology with dual antennas for fast, long range access and incorporates a full function wifi router so multiple devices can connect wirelessly. There is also a wired LAN port and WAN port - for connection to high power wifi devices or satellite modems.

4G Connect is available in two variants - The Standard model has built in antennas which will provide good performance when in port. The Pro model ships with two external hi gain antennas for exceptional long range performance and is the recommended solution for use afloat.

4G Connect has an easy to use interface. It is SIM unlocked so users are free to use any cellular provider they choose but we recommend a Vodafone solution for the UK as it offers the best maritime performance.

Operation is simple - turn on, connect to the password protected wifi hotspot that 4G Connect creates and your device is online.



**Dual  
external  
antennas  
included**

### 4G Connect Pro Model

- All the features of 4G Connect plus supplied with 2 x high performance external 48cm antennas for optimum speed and range
- Recommended solution for offshore use and non GRP vessels
- 7m low loss LMR 200 cable kit included
- Supplied with deck bases for antennas
- Optional 1" adaptor available for antennas
- Optional 10 & 20m LMR400 assemblies

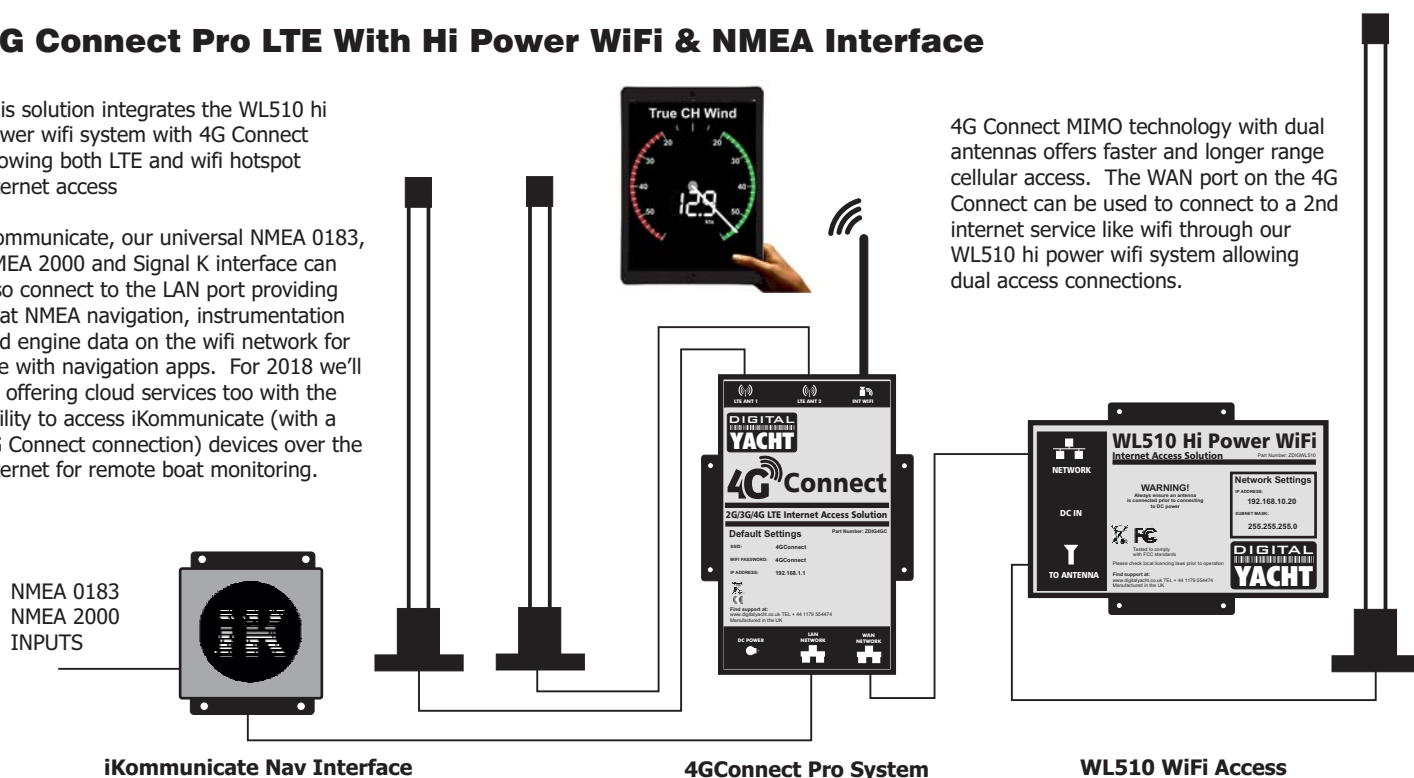
Part Number	Description	RRP £ EX VAT
ZDIG4GC	4G CONNECT 2G/3G/4G INTERNET ACCESS GATEWAY	299.00
ZDIG4GCPRO	4G CONNECT PRO 2G/3G/4G (WITH DUAL EXT ANTENNAS 7M CABLES)	499.00
CALL FOR EXTENDED LENGTH CABLE PRICING		

## 4G Connect Pro LTE With Hi Power WiFi & NMEA Interface

This solution integrates the WL510 hi power wifi system with 4G Connect allowing both LTE and wifi hotspot internet access

iKommunicate, our universal NMEA 0183, NMEA 2000 and Signal K interface can also connect to the LAN port providing boat NMEA navigation, instrumentation and engine data on the wifi network for use with navigation apps. For 2018 we'll be offering cloud services too with the ability to access iKommunicate (with a 4G Connect connection) devices over the internet for remote boat monitoring.

4G Connect MIMO technology with dual antennas offers faster and longer range cellular access. The WAN port on the 4G Connect can be used to connect to a 2nd internet service like wifi through our WL510 hi power wifi system allowing dual access connections.



# Marine PCs & Applications

## Utilise a PC for navigation, communication and entertainment Aqua Compact Pro smart solutions from Digital Yacht

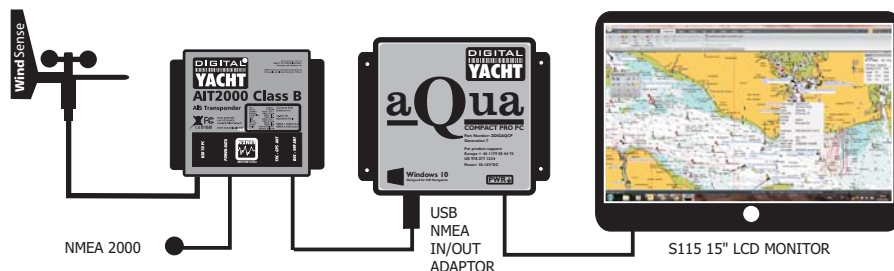
Thinking about adding a PC to your boat? Digital Yacht's new Aqua Compact Pro PC really does fit in the palm of your hand! Space is always at a premium on board and despite its slimline 11.5 x 11 x 5 cm dimensions, the Aqua PC packs in a powerful 7th generation Intel Core i3 processor with exceptional graphics performance for the latest 3D charting and HD navigation programs. It's the perfect partner for applications like Maxsea TimeZero – even with radar and 3D overlays.

So why a PC on board? The number one, compelling reason to add a PC to your boat's navigation and communication system is amazing value. There's no doubt that a dedicated chart plotter is ideal for use at the helm where it needs to be waterproof and compact. But below decks, a PC can offer big screen performance at a very attractive price compared to a dedicated large screen multi-function display. Of course, a PC and chart plotting software can also be your only electronic navigation device, just integrated to the GPS and instruments via a simple NMEA interface.

A PC also offers more powerful functionality than a dedicated MFD with the ability to install software for lots of applications from navigation to entertainment, email communications, weather and internet connectivity. PCs are also up-dateable as new applications become available.

Any why not a laptop? They are simply not designed for the hostile marine environment and consume large amounts of power. It's a much neater solution to have a dedicated PC and dedicated display both in terms of functionality and reliability. However, if you're chartering a boat, a laptop may be the answer and our SmarterTrack Express Pack with software and an advanced DualNav plug 'n play positioning sensor makes portable navigation easy.

### Typical PC System Integration



Part Number	Description	RRP £ EX VAT
ZDIGAQCP	AQUA COMPACT PRO PC (INTEL i3/8GB/120GB)	825.00
ZDIGAQCPPL	AQUA COMPACT PRO + PC (INTEL i7/8GB/240GB)	1095.00
ZDIGSTPCN	SMARTERTRACK 2018 PC NAVIGATOR SOFTWARE	150.00
ZDIGSTPCE	SMARTERTRACK 2018 EXPRESS PACK NAV S/W WITH DUALNAV USB SENSOR	275.00
ZDIGUSBNMEA	NMEA-USB ADAPTOR	35.00
ZDIGMUX100	MUX100 DUAL CHANNEL NMEA MULTIPLEXER	100.00



### ← System Idea

This system builds on a basic PC package and includes AIS (Class B transponder) plus a WND100 wind transducer integrated 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 also allows interfacing to traditional chart plotters with a NMEA 0183 and NMEA 2000 interface. There is also a GPS NMEA output for DSC VHF's.

All Aqua Compact PCs operate direct from DC power (8-18V) so there's no need for power hungry inverters or AC power

SmarterTrack navigation software utilises Navionics charting so you can share charts on PC and chart plotter

**More at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)**

#### USB-NMEA Cable For easy PC connectivity



#### SmarterTrack Navigation Software



#### SmarterTrack Express Pack DualNav USB GPS & Nav Application



#### MUX100 NMEA Multiplexer





# On Board Networking

## iKommunicate

### The next generation universal interface for boats

iKommunicate from Digital Yacht is a radical new gateway designed to get NMEA 0183 and NMEA 2000 based marine electronic systems connected to the next generation of interfacing and the Internet of Things. It was developed via a successful Kickstarter crowd funded project back in early 2016 and is now available as a consumer product. It can also connect to a simple router like our iKConnect and provide a wireless feed of nav data to tablet based apps.

iKommunicate also acts as a NMEA to Signal K gateway. Signal K is an HTML5 "web ready" JSON based data format, that makes web and mobile app development really simple - even for amateurs. Apps can be written in minutes and data viewed in a browser. For instance, NMEA 2000 engine data such as fuel flow, temperature and pressure could be logged and then analysed for any trends indicating an engine service requirement. Internet integration is also easy with all sorts of social media possibilities using Twitter and Facebook for logging and tracking. iKommunicate can also act as a simple on board webserver so PDF manuals can be stored and viewed as required. Files can be stored on the integrated SD card reader.

iKommunicate features 3 NMEA 0183 interfaces and an NMEA 2000 interface so there's plenty of connectivity. It has a built in webserver and ethernet port for easy connection to a wifi router so data can be shared with devices like tablets, Kindles, PCs and smart phones. NMEA data is also made available on the ethernet port. There are already many apps that are compatible including NMEA Remote, iNavX, Active Captain, and Navionics (for sonar charts).



### SeaTalk to NMEA/USB Adaptor



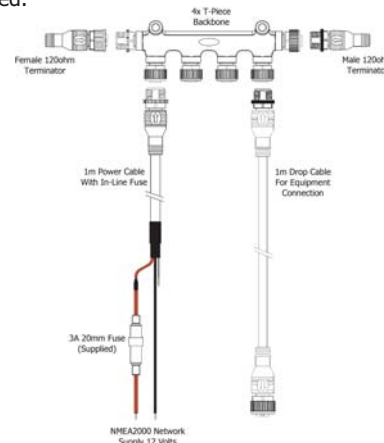
The SeaTalk\* to NMEA (ISO) gateway is a small but powerful interface that provides bi-directional conversion between a SeaTalk network and an NMEA 0183 network or device. Taking its power from the SeaTalk network, the ST-NMEA gateway features a protected SeaTalk 1 interface, an opto-isolated NMEA 0183 input and differential NMEA 0183 output that allows key navigational data to be reliably shared between the SeaTalk and NMEA 0183 networks. USB version also available.

Part Number	Description	RRP £ EX VAT
ZIDIGIK	iKOMMUNICATE NMEA 0183/2000 TO SIGNAL K GATEWAY	220.00
ZIDIGKBUN	iKOMMUNICATE plus iKCONNECT WIFI ROUTER BUNDLE	350.00
ZDIGSTN	SEATALK 1 TO NMEA GATEWAY	125.00
ZDIGSTNUSB	SEATALK 1 TO USB GATEWAY	125.00
ZDIGSBNMEA	NMEA-USB ADAPTOR	35.00
ZDIGMUX100	MUX100 DUAL CHANNEL NMEA MULTIPLEXER	100.00
ZDIGN2KIT	NMEA 2000 CABLING STARTER KIT	65.00

## NMEA 2000 Cabling Starter Kit



NMEA 2000 has now become the de-facto standard throughout the marine electronics industry for interconnection of devices. The new NMEA 2000 starter kit allows for up to 3 devices to interconnect - say AIS, plotter and autopilot and comes complete with terminators, multi connect block, 1m drop cable and a power cable. It uses the high quality, nickel plated metal style connectors rather than the cheaper plastic type which can prove unreliable. The backbone is formed from a unique 6 way extension block with ports at each end that accommodate the terminators. This allows for a really neat and compact installation - ideal for behind the helm. The connection system will work with all leading brands and can be expanded using standard components as required.



More at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

### USB-NMEA Cable For easy PC connectivity



### MUX100 NMEA Multiplexer



### SeaTalk to USB Adaptor



### iKommunicate Universal Interface



# On Board Entertainment

## DTV100 Series Hi Performance Digital TV Antenna Solutions



TV not included

The new DTV100 HD TV antenna from Digital Yacht allows you to access the latest generation of digital "over the air" TV services on board. With a super sensitive design and hi gain amplifier, it sucks in even the weakest of signals. It's omni-directional too so there's no complicated aligning plus it will provide a feed for a FM stereo radio.

TV on board is a new "must have" especially with a big choice of free to air channels for all elements of entertainment, news, weather and sport. This low cost antenna opens a new market for reliable marina and anchorage reception without the expense of stabilised satellite based systems.

### System Thinking - Internet TV on board

Systems like 4G Connect and the WL510 hi power wifi solution can bring the realm of online entertainment onboard thanks to fast internet access. Use them to stream entertainment services like Netflix, Spotify and iPlayer for TV, films music and more on board.

Streaming services can use large amounts of data so make sure you have an appropriate plan or use wifi internet hotspots with our high power WL510 solution



Part Number	Description	RRP £ EX VAT
ZDIGDTV100	DTV100 HD TV MARINE ANTENNA SYSTEM WITH 10M CABLE	135.00
ZDIGDTV200	DTV100 HD TV MARINE ANTENNA SYS WITH DUAL AMP AND 20M CABLE	175.00
ZDIGDTVDA	DTV100 OPTIONAL DUAL OUT TV AMPLIFIER	65.00

### Key features

- Very high performance omni directional marine TV antenna with global reception capability of latest DVB/HDTV signals
- Vertical and horizontal antenna elements for unrivalled reception
- TV and FM radio outlet on below deck mounted amplifier with -7dB to +29dB gain
- Pole or standard 1" adaptor mounting ability
- Just 280mm diameter - supplied with 10m/33ft coax
- DTV200 system includes dual out TV amplifier and 20m antenna cable

### What the tech experts say...

"Digital Yacht contacted us because they thought they had a winner with their new TV antenna. We hear this type of thing a lot. But since our TV antenna for local over-the-air reception never worked well, we told them that we'd buy one under one condition: if we weren't blown away, we'd return it.

We've had it for a week. It is so much better than anything we've ever had onboard. It's pulling in many stations and keeping them solid. If your previous TV antennas didn't work well, you'll love this one. And no, we're not returning it."

Active Captain

### PCs for Entertainment

The Aqua Compact Pro can also be used as an on board entertainment server with excellent audio and video play back capabilities. Dual screen support allows a chart table based monitor and a large saloon TV to be connected. Windows 10 provides excellent media playback services or it can be configured with a dual boot Windows-Kodi media server setup.



More at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

The DTV100 is designed to clamp to a 1-1.25" tube and is also supplied with a 1" thread adaptor to allow fitting to any industry standard base or mount such as these here. The PA82 is ideal for mast mounting

#### PA-30 Adjustable Deck Base



#### PA-40 Deck Mount For DTV100



#### PA-82 Mast Mount For DTV100







# Digital Deep Sea Commercial Products

## CLA2000 Class A AIS Transponder For Mandatory AIS Commercial Solutions

The CLA2000 AIS Class A sets new standards of performance, functionality and reliability. As a single, fully integrated Class A transceiver, the CLA2000 is easily installed and configured with dual NMEA2000 and NMEA0183 connectivity allowing plug & play integration with other bridge systems. The hi-resolution full colour display delivers a range of powerful functionality, including full CMAP ENC charting, multiple text and graphic display modes, AIS target management, proximity alerts, MOB/SAR alert and tracking and much more. The unit is engineered and built for commercial users who rely on their AIS Class A day after day for their safety, security and operational efficiency. The waterproof display is ideal for RIB and work boat mounting at the helm.

## AIS SART and AIS LifeGuard - the AIS man over board alarm for use with popular AIS PLBs

Digital Yacht has launched a potentially life-saving product called AIS LifeGuard. Each crew member needs to be carrying a personal AIS device – like the ones made by companies such as Ocean Signal, Easy, Kannad and McMurdo. Just connect the AIS LifeGuard to an on board AIS transponder or AIS receiver and you have a fully operational AIS SART man overboard system. The AIS Life Guard detects both message 1 and message 14 (these are reserved for AIS SART messaging). As soon as an AIS SART transmission is detected the AIS Life Guard will sound an internal 95db alarm and also display a red warning light. So within seconds the helmsman will be aware if a member of the crew or passenger has fallen overboard.

The AIS Life Guard is compatible with all Digital Yacht receivers and transponders and the new generation of AIS SARTs that have recently been approved for global use by the IMO.

The S1000 is an approved IMO AIS SART, suitable for vessel and liferaft deployment. It forms a vital part of mandated on board safety equipment for commercial users and leisure offshore boaters.

## SOTDMA 5W Class B - A New Standard

Class B SOTDMA is a new standard for high performance Class B AIS transponders with a 5W output (Class B is normally 2W) for increased range and most importantly a faster update rate which suits high speed vessels, workboats and commercial vessels not mandated for a Class A installation. Check out the AIT2500/CLB2500

Part Number	Description	RRP £ EX VAT
ZDIGCLB2500	DIGITAL DEEP SEA CLB2500 SOTDMA 5W CLASS B TRANSPONDER	695.00
ZDIGCLA2000	DIGITAL DEEP SEA CLA2000 CLASS A AIS TRANSPONDER	1995.00
ZDIGPLINK	DIGITAL DEEP SEA PILOTLINK CLASS A WIRELESS INTERFACE	200.00
ZDIGPPL	DIGITAL DEEP SEA PILOT PLUG AND USB CABLE FOR CLASS A AIS TRANSPONDERS	100.00
ZDIGPPLEXT	DIGITAL DEEP SEA 10M PILOT PLUG EXTENSION CABLE	80.00
ZDIGS1000	DIGITAL DEP SEA S1000 SMART AIS SART	400.00

### CLA2000 Class A Transponder

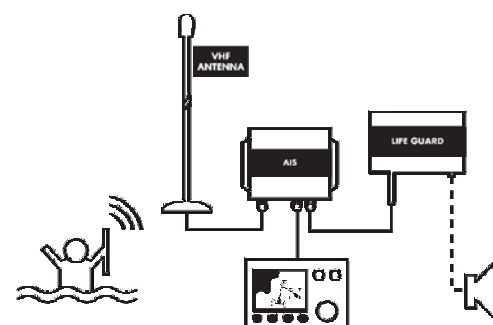


Fully IMO approved Class A AIS. Waterproof to IPx7 and multiple interfaces including wifi. Built in C-Map plotter for optional detailed mapping.

### S1000 AIS SART & LifeGuard



AIS LifeGuard connects to your on board AIS system via a simple NMEA connection and alerts you when an AIS PLB SART or SART signal is detected.



More at [www.digitalyacht.co.uk](http://www.digitalyacht.co.uk)

### Class A Pilot Plug USB Interface Cable



### PilotLink Pilot Plug Wireless Interface



### CLB2500 SOTDMA 5W Class B AIS Transponder



- New 5W power output - over 2.5x power of traditional Class B transponders
- SOTDMA technology mirrors Class A specification for professional and ocean navigators wanting the best in performance

# Next Generation Marine Electronic Solutions

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