



SAIL BOAT



MOTOR BOAT



SUPERYACHT



WORK BOAT



SPORT FISHING



COMMERCIAL FISHING

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New Product

4G Xstream is Digital Yacht's latest, premium LTE (cellular) internet access product. It ships as a complete package with dual external antennas, deck mounting hardware and cabling. Using Cat 6 MIMO technology and dual external wide band LTE antennas, it offers fast connectivity at up to 300 MBs. It also has a NMEA 2000 interface for navigation and instrument data connectivity and wireless interfacing.

Find out more inside...



4G Xstream

DIGITAL UPDATE

June 2021

NEW! 4G Xstream - Our latest premium internet access solution

NEW! AquaNAV Pro PC - A dedicated navigation PC with fanless operation

GREENER HORIZONS! Driving our sustainability efforts for 2021 - Paul's E-Boat Project

Stay Safe! Enjoy Boating! We're Looking Forward To Covid Freedom



Internet Access Afloat

4G Xstream with Cat 6 Technology

4G Xstream brings Nav & Com integrated high speed internet onboard

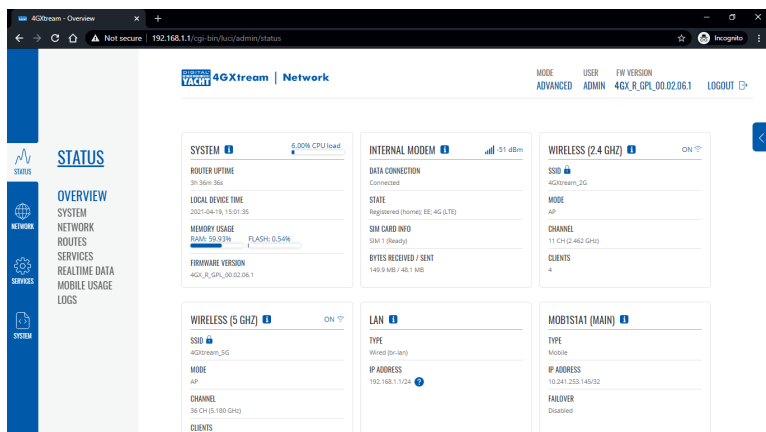
4G Xstream is Digital Yacht's latest, premium LTE (cellular) internet access product. It offers fast internet connectivity up to 25NM offshore and ships as a complete package with dual external antennas, deck mounting hardware and cabling. Just plug in a SIM card and you're good to go. You can bring your office to the boat plus the kids will take an instant interest in boating with reliable internet!

Using the latest Cat 6 modem with MIMO technology and two external wide band LTE antennas, it offers very fast connectivity at up to 300 MBs (network dependent). It has a built in dual band wifi router supporting multiple connections, dual SIM slots (with auto fail over if required), built in GPS (for IOT and tracking applications) as well as an NMEA 2000 interface for navigation and instrument data connectivity and wireless interfacing. This allows the boat's navigation data such as AIS and GPS to be utilised by popular apps on tablets and iPads. There's also a Bluetooth interface for future connectivity applications.

The system also supports SMS alert messaging so it can be used for boat monitoring with an external input for an alarm for example activating a message to your mobile if there's a security breach or a fault.

4G Xstream is available now and is priced at £995 plus vat. Further information at www.digitalyacht.co.uk

MIMO technology improves range and speed and 4G Xstream's dual wide band high gain antennas and low loss cabling provide exceptional performance. There's dual band wifi too for the internal network with an NMEA 2000 interface



Setup is easy with a web interface allowing any connected device to control the 4G Xstream. Once set up, simply tell guests and crew to logon to the secure, password protected wifi hotspot that's created by 4G Xstream and seamlessly surf the web and view navigation data.

- Latest Cat 6 LTE MIMO technology with range up to 25NM offshore (network dependent)
- Dual SIM slots with auto fail over or manual selection
- Two external, high gain, wide bandwidth antennas
- Dual band integrated wifi router (2.4 & 5 GHz) – independently configurable
- Built in NMEA 2000 interface to transmit NMEA 2000 data over the wireless and wired network to compatible apps
- Built in GPS with external patch antenna for IOT and tracking applications
- Built in Bluetooth with antenna for future applications
- 3 x LAN ports
- 1 x WAN port for additional internet connectivity – eg: WL510 high power wifi system
- Digital input/output connectivity for IOT/control applications (Available Q3 2021)
- SMS addressable
- US Model available shortly optimised for US Carriers



Greener Horizons

"Old Nick" Narrowboat

Green Projects From Digital Yacht



Paul Sumpner, Digital Yacht's CTO has recently realised his dream of living and working on a narrowboat, when he moved onboard "Old Nick" a brand new 58.5ft electric serial hybrid narrowboat. "Old Nick" is the first boat in the UK to fit one of the new Vetus E-Line electric engines and the first serial hybrid narrowboat to have the complete system supplied from one manufacturer. "Old Nick" was built in Droitwich by Ortomarine - a leading manufacturer of electric hybrid narrowboats.

With 24x Leoch LC2 batteries to create a 48v 800Ah battery bank, combined with 12x 160W semi-flexible solar panels, "Old Nick" will be able to cruise for at least 6 months of the year on solar power alone, but with the security of a 6KVA inboard diesel generator, should a battery top-up be required.

"Old Nick" may well be a traditional narrowboat on the outside, but inside it's a different matter. Featuring four different data networks, all managed via Ortomate™, Ortomarine's bespoke control and monitoring system, it is a "techy paradise". And it is all topped off by Paul's addition of full NMEA 2000 and Ethernet networks, designed for Digital Yacht product development and testing from his floating home and workshop.



A sophisticated propulsion and energy generation solution with solar and diesel generator, PLC control and remote internet access and monitoring.

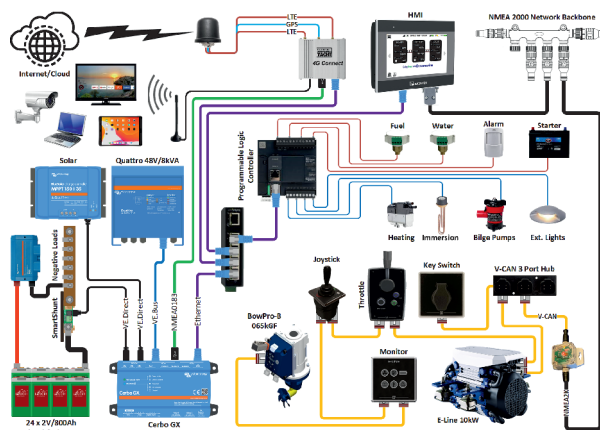
Ensuring Paul stays connected, is one of our brand new 4G Xstream high performance LTE wireless routers and keeping an eye on his test network is one of our NAVDoctor NMEA 2000 Diagnostic servers. When his nose is not firmly on the grindstone, a special "mag mount" version of one of our DTV100 digital TV antennas, means that he can watch live terrestrial TV.

More greener boating ideas from Digital Yacht



48V 800Ah battery bank based on lead carbon technology offers 38.4KWh of storage

Hot desking on a narrow boat with NMEA 2000 connectivity for product development





Optimised for navigation

NEW! Digital Yacht AquaNav Pro PC

AquaNav Pro PC for marine navigation applications

AquaNav Pro is a new member of the Digital Yacht Aqua PC family offering an ultra rugged, totally solid state, fan-less marine PC system. Based on an Intel i3 processor and with Windows 10 as an operating system, it's the perfect navigation and charting marine PC with fast graphics, low power consumption, direct DC operation and an NMEA 2000 interface included for easy connection to modern GPS, AIS and instrument systems.

It utilises a 240GB SSD and has three spare external USB ports and a network port for external wired connectivity. There's built in dual band wifi and Bluetooth plus support for two direct HDMI monitor/display connections.



AquaNav offers fanless operation and a built in NMEA 2000 interface so optimised for reliable navigation operation

Optional S124 Monitor

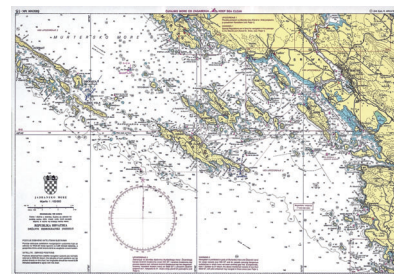


- Ultra rugged totally solid state and fan-less design optimised for charting and navigation operation
- 12V DC low power operation – typically 15-25W
- Optional 24V system also available
- Intel i3 processor, 4GB RAM with 240GB SSD
- Dual HDMI video outputs
- Windows 10 Pro operating system
- Integrated 2.4 & 5 GHz wifi
- Integrated Bluetooth
- Certified NMEA 2000 interface
- 3 x Spare USB ports and wired LAN port
- Powers up on application of DC power allowing remote or hidden mounting

Croatia Charts for NavLink iOS App



We've added charts for Croatia as a low cost, in-app purchase for our popular NavLink iOS navigation app. Fingers crossed, we'll be free of Covid restrictions soon and the boating and charter markets will pick up quickly for this beautiful cruising ground. NavLink can be downloaded from the app store and offers realtime navigation, detailed charts and compatibility with any Digital Yacht wireless AIS system. Charts are also available for UK, France, Benelux, Germany, Denmark and Spain plus the US & Canada.





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