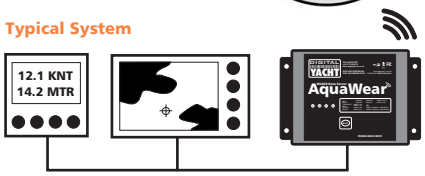
PRELIMINARY INFORMATION

AquaWear

Data Servers For Next Generation Wearable Navigation

Typical System



Connect the AquaWear gateway to your existing boat's navigation electronics via their NMEA interface and wirelessly connect your smart phone. Legacy or new, your system can upgrade to next generation navigation

Wearable navigation is now a possibility thanks to Digital Yacht's advanced new AquaWear range of NMEA wireless data servers - bringing all your navigation data right to your smart-phone.

Connect your existing navigation electronics via an industry standard NMEA interface and stream realtime data from GPS, instrument and AIS systems to transform the way you navigate. Your smart-phone is a powerful device and you can take advantage of its simple operation and touch screen high resolution display while afloat, transforming it into a new navigation device.

AquaWear data is compatible with a plethora of ever-updated and innovative apps allowing charting, racing, AIS and tracking functionality.

AquaWear servers can support multiple devices so your crew can connect too and it's also compatible with iPads, Android phones and tablets, PCs and MACs allowing you to use it at the chart table too.

THREE Simple Steps For Next Generation Navigation

1

Fit an AquaWear server to your boats' instruments, GPS or AIS systems

All that's needed is a simple NMEA and power connection. AquaWear servers typically footprint a boat up to 25m in length. NMEA 0183 and NMEA 2000 variants are available

2

Choose your apps for charting, racing, AIS, instruments and more...

3

Wear your phone in the supplied wrist case, connect to AquaWear and enjoy next generation navigation.

AquaWear servers are delivered with a splash proof, stylish yet tough wrist band case to suit most modern smart phones but of course you're free to check out the massive range of 3rd party waterproof cases that are now available for your device.

iOS, Android, MAC or PC - The BIGGEST choice of apps Open Source & Great For App Developers Too

AquaWear servers are app agnostic and because they use industry standard protocols, they will integrate with all the leading brands of marine electronics. The applications market is constantly evolving with new innovative apps and programs launched daily. Choose from racing and instrument displays, AIS target tracking, charting and electronic navigation - the chances are that there is an app for your app available! If you are a developer, you can benefit from an open platform with stable and well proven hardware and join the AquaWear Alliance.

DIGITAL YACHT

Three variants of AquaWear servers are available. All feature tough waterproof construction and all create a wireless network which will typically footprint a boat up to 25m in length

AquaWear

- Send your boat's NMEA data wirelessly to iPhones, iPads, tablets, PCs or MACs
- Dual channel NMEA0183 to WiFi data server
- 4800 or 38400 baud NMEA inputs
- Supports multiple devices with UDP connection or TCP/IP data formats

AquaWear NavLink

- NMEA2000 variant of AquaWear with direct NMEA 2000 back bone connection
- Self powered from the NMEA2000 bus

AquaWear Race

- Ships with plug in super fast 10Hz DualNav GPS-GLONASS positioning sensor for unprecedented sub 1m accuracy and super fast speed and course updates
- Ideal for dingy racing and regatta race calculations

AquaWear Apps

- AquaWear servers will provide a wireless data feed of NMEA nav data to any app supporting this format and using either a TCP/IP or UDP format
- Compatible with Digital Yacht NavLink, iAIS and AISView apps
- Compatible with 1000's 3rd party apps

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