DX900+ MultiLog Sensor for Racing and Sailing

Industry's First Bluetooth®-Enabled, Multifunctional Sensor

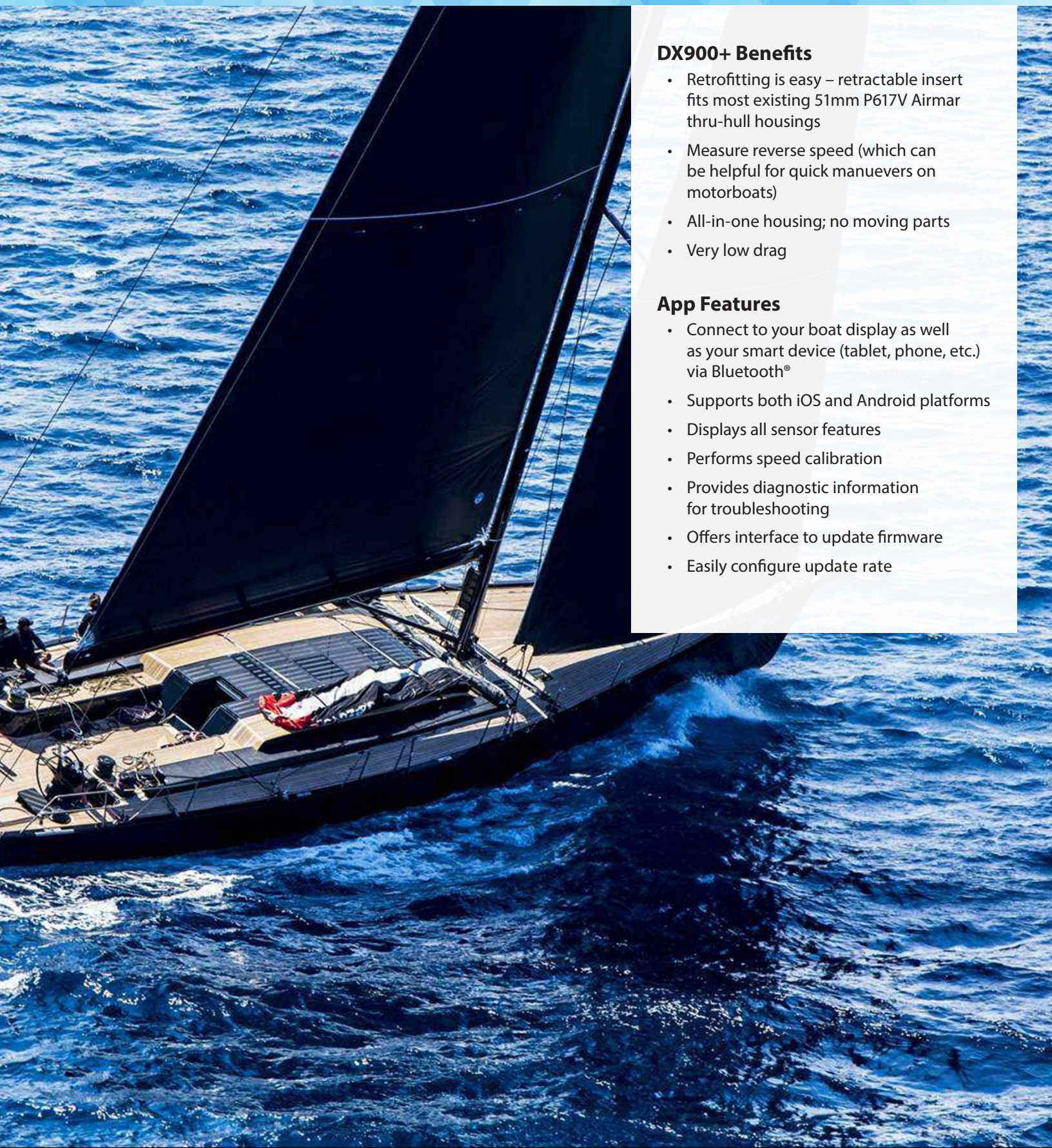
Features

- Dual axis, electromagnetic speed sensor
  - Longitudinal and transverse speed sensors **measure** leeway speed and angle
  - Competitive products only perform a calculation but do not truly **measure** leeway
  - Real-time leeway feedback is essential for performance sailing:
    Understanding changes in leeway can mean the difference between winning and losing a race
- Fast response temperature sensor
- Integrated water depth
- Three-axis accelerometer and three-axis gyroscope
  - Outputs heel and trim

AIRMAR®...IT'S WHAT'S UNDER YOUR BOAT.

AIRMAR® TECHNOLOGY CORPORATION

Truly Measuring Leeway Deliv



DX900+ Benefits

- Retrofitting is easy – retractable insert fits most existing 51mm P617V Airmar thru-hull housings
- Measure reverse speed (which can be helpful for quick manuevers on motorboats)
- All-in-one housing; no moving parts
- Very low drag

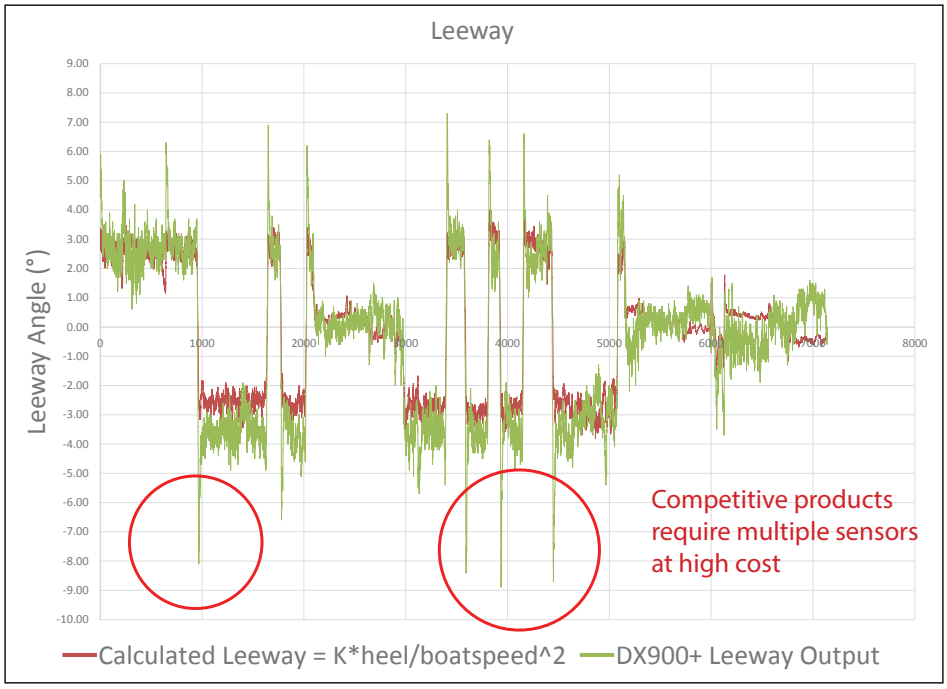
App Features

- Connect to your boat display as well as your smart device (tablet, phone, etc.) via Bluetooth®
- Supports both iOS and Android platforms
- Displays all sensor features
- Performs speed calibration
- Provides diagnostic information for troubleshooting
- Offers interface to update firmware
- Easily configure update rate

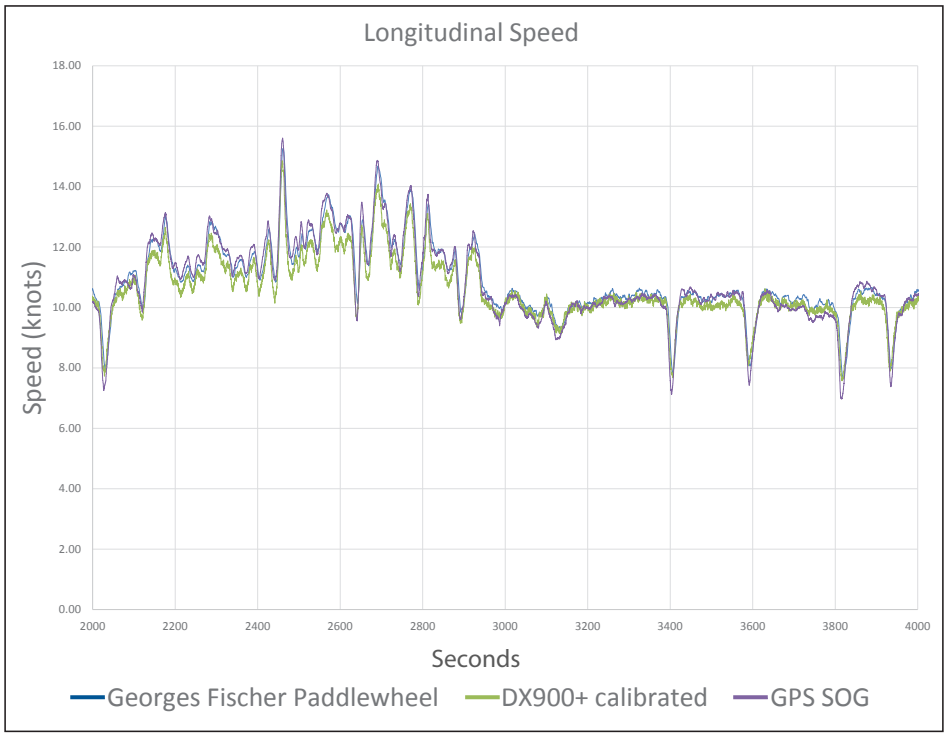
ers Unsurpassed Performance

Measuring Leeway

You can see from the green spikes in the graph that the DX900+ (represented in green) is showing real, instantaneous speed, which sailors can use to determine which way to steer the boat in a competitive race. These spikes cannot be seen by the generic model data (represented in red).



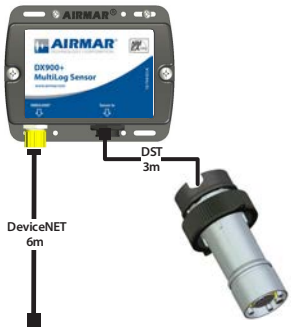
Longitudinal Speed Calibration to SOG



DX900+ Configurations

Depth/Speed/Temperature Versions

NMEA2000® DST



NMEA 0183 DST

Speed/Temperature Version

NMEA 0183 ST

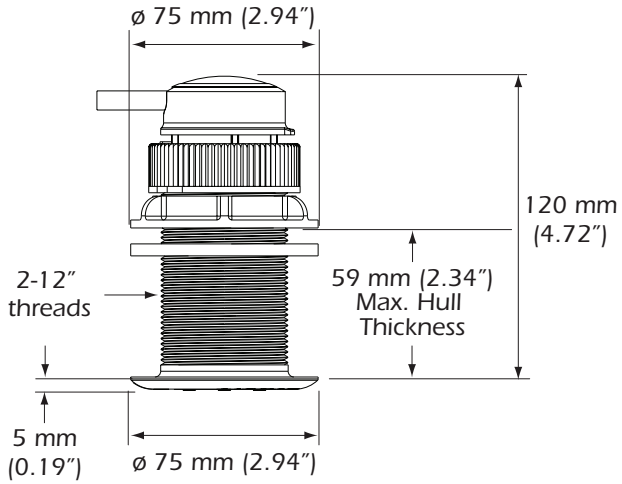
Specifications

SPECIFICATIONS	
Configurable data update rate	up to ten/second
Transverse Speed Range	± 6 knots
Longitudinal Speed Range	± 60 knots
Accuracy	+/– 0.1 knots for speed under 10 knots +/– 1% knots for speed above 10 knots
Display Resolution	0.01 knots
Outputs	NMEA 0183 and NMEA2000® Bluetooth Smart
Depth range	60m
Operating Temperature Range	-15°C to 55°C (5°F to 131°F)
Sensor Cable Length	10 m (33') standard
Supply Voltage	9 VDC to 16 VDC
Supply Current	<170 mA
Blanking Plug	Yes
CE Compliant	Yes to IEC60945

Note: The sensing pins in contact with the water are made from very high quality alloy, allowing very stable measurements and high resistance to corrosion.

DIMENSIONS

P617V Housing*



*Low-profile, plastic or stainless steel housings available

RoHS COMPLIANT ISO CERTIFIED NMEA 2000

www.airmar.com

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