



NMEA 2000® Certified Smart™ Sensors

Sensor Options:

- Depth, speed, and temperature
- Depth and temperature or depth only
- Speed and temperature
- Temperature only
- WeatherStation® instruments
- GPS antennas
- Heading sensors



GH2183 Heading Sensor With GPS

- GPS and heading combined into one housing
- WAAS GPS provides latitude, longitude, COG, SOG, time and date, and magnetic variation
- Three-axis solid-state compass
- 1° static and 2° best-in-class dynamic heading accuracy
- Three-axis accelerometer provides pitch and roll
- Three-axis rate gyro provides rate-of-turn data
- IPX6 waterproof enclosure

300WX-IP67 WeatherStation® Instrument

- No moving parts
- Dynamic True and Apparent wind speed and direction
- Air temperature plus calculated wind chill
- Barometric pressure
- 10 Hz GNSS: Position, COG, SOG, time & date
- Three-axis accelerometer provides pitch & roll
- Three-axis rate gyro provides rate-of-turn data

NMEA 2000® Cables & Connectors

- Backbone/Drop Cables
- Terminators
- Tee Connectors
- Power Tees
- Field-attachable Connectors

H2183 Heading Sensor

- Three-axis solid-state compass with 10 Hz output
- 1° static and 2° best-in-class dynamic heading accuracy
- Three-axis accelerometer provides pitch and roll
- Three-axis rate gyro provides rate-of-turn data
- IPX6 waterproof enclosure

HT200 Temperature Sensor

- High-Precision Temperature
- $\pm 0.3^{\circ}\text{C}$ ($\pm 0.17^{\circ}\text{F}$) accuracy

Trisonic™ Smart™ Sensor with CAST

- Combines ultrasonic speed (no paddle-wheel), water depth, water temperature, boat attitude data
- No paddlewheel or moving parts to maintain or replace.
- Wireless connectivity to AIRMAR's CAST™ app to view data, make feature choices and perform basic and advanced speed calibrations in a simple and intuitive way.
- Patented Adaptive Signal Processing – adjusts to boat speed, water depth, and water clarity for consistent speed accuracy.
- Suitable for both saltwater and freshwater use.

P39 Transom-Mount*

- Depth, speed, and temperature
- Accommodates transom angles between 2° and 20°
- Recessed waterflow channel protects paddlewheel

DST820 Smart™ Sensor with CAST

- DST820 features the Gen2 Paddlewheel for industry-leading speed performance from 0.3 knots to 45 knots, water depth, water temperature and boat attitude
- Wireless connectivity to AIRMAR's CAST app to view data, make feature choices and perform basic and advanced speed calibrations in a simple and intuitive way
- 235 kHz prevents interference with other onboard fishfinders
- PSTI compliant

DT800 Tilted Element™

- Depth and temperature
- Fixed 12° tilted version for 8° to 15° hull deadrise
- Fixed 20° tilted version for 16° to 24° hull deadrise
- 235 kHz frequency prevents interference with other onboard fishfinder transducers
- 100 W, 12° beamwidth
- 180 m (590') maximum depth sounding
- Retractable sensor insert fits P617V, P17, and B17 housings
- Available in low-profile, countersunk, or beveled-edge housings
- NMEA 0183 version also available

ST850 Smart™ Sensor

- Speed and temperature
- Speed Range: 2 to 45 knots (2 to 52 MPH)
- Self closing valve assembly reduces waterflow when insert is removed for cleaning
- ST800 version also available for P120 and B120 housings
- NMEA 0183 version also available

P79S In-Hull

- Depth Only
- 600 W
- 235 kHz frequency prevents mutual interference with other echosounders on the vessel
- 7° beamwidth
- Depth range:
 - NMEA 2000® model, 150m (500')
- Recommended for solid fiberglass hulls only
- Easily adapts to deadrise angles up to 22°

*Sensor installations in this diagram are a representation only and do not depict recommended locations.

AIRMAR & National Marine Electronics Association

Trustworthy partners dedicated to advancing plug and play solutions for boaters worldwide.

Working with the National Marine Electronics Association (NMEA) has always been a priority for AIRMAR. It's no surprise that AIRMAR's founder, Steve Boucher, was awarded the NMEA Lifetime Achievement Award in 2007 for the company's dedication to development of NMEA standards.

"Airmar assures that all of their products utilizing the NMEA 2000® standard are certified by NMEA. The contributions by the Airmar engineering team to maintain and advance NMEA standards are exceptional. This results in a better overall end user experience where the products function properly and the boater can better enjoy their valuable time on the water."

— Mark Reedenauer,
President and Executive Director NMEA



Airmar's headquarters are located in Milford, New Hampshire, USA.



Airmar's additional 70,000 square foot facility opened in December 2013.



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NMEA_AIRMAR_BR_rH 07/06/26

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