



*Sensing Technology*

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**AIRMAR EXPANDS SMART™ SENSOR LINE WITH NEW HIGH-POWER,  
BROADBAND, TILTED ELEMENT™ TRANSDUCERS**

**Milford, New Hampshire, February 26, 2008** — Airmar Technology Corp. has taken its proven Tilted Element™ and broadband technology and applied it to its leading line of Smart™ Sensor transducers. The result is the new Airmar DT800, a low-profile, retractable, thru-hull sensor that computes accurate depth and temperature data to any NMEA 0183 or NMEA 2000® display. Airmar's new DT800 Tilted Element Smart Sensor is available in versions for NMEA 0183 or NMEA 2000® output, as well as customer-specific CAN protocols.

The DT800 (also available in a depth-only D800 model) operates at a frequency of 235 kHz, and can run simultaneously with other Airmar 50/200 kHz transducers on-board with no interference. Airmar's new Broadband ceramic element and urethane face combine to deliver depth readings to 600 feet, as well as accurate shallow-water readings in as little as 1.5 feet. Available in fixed 0°, 12° or 20° tilt, the DT800 is perfect for all power and sailboat applications. Because the ceramic is tilted inside the housing, the transducer beam is oriented straight down, resulting in strong bottom echo returns and accurate depth readings.

Airmar's Smart™ Sensors have embedded microelectronics—the transducer element and signal processor are only millimeters apart. The signal from the depth transducer is processed right inside the sensor itself. All that is needed to receive depth and temperature data is a single cable into a compatible device or display. The DT800 is sold with a choice of rugged housings—plastic, bronze or stainless steel—to accommodate any vessel type or hull material. The retractable housing with a self-closing valve reduces water flow into the vessel when the transducer is removed for cleaning. These low-profile housings do not affect hull performance and will provide accurate readings at high speeds.

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To complete the line of Smart Sensor options, Airmar also offers the DST800 TRIDUCER® Multisensor which combines depth, speed, and temperature in a single thru-hull housing. The P39 Transom-Mount TRIDUCER® Multisensor and the P79 In-Hull round up the Smart Sensor offerings.

Airmar now also offers a full-line of affordable, NMEA 2000® certified cables and accessories. These include backbone cables, single ended cables, drop cables, power tees, tee connectors, termination resistors and field attachable connectors. All of these products have been rigorously tested to comply with the NMEA 2000® standard.

To learn more about the new Airmar DT800, or the complete line of Smart Sensor solutions and accessories, contact Airmar Technology Corp., 35 Meadowbrook Drive, Milford, NH 03055. Telephone: (603) 673-9570. Or visit the company's informative website at [www.airmar.com](http://www.airmar.com).

**Availability**

Available: February 2008



NMEA 2000® Accessories

High-resolution images available — email [ron@strike-zone.net](mailto:ron@strike-zone.net)

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