



PRESS RELEASE

**DIGITAL COMPASS
COMPACT AND TILT-COMPENSATED**

Fall River, MA - March 31, 2008 - A new family of highly accurate, 3-Axis solid-state OEM digital compasses that measure 1" sq. and offer a wide range of connection options is being introduced by OceanServer Technology, Inc. of Fall River, Massachusetts.

OS5000 Digital Compasses incorporate 3-Axis magnetic sensors with 3-Axis accelerometers to provide 0.5 degrees nominal accuracy, 0.1 resolution, ± 180 degree roll, ± 90 degree tilt, and include electronically gimballed tilt compensation. Suitable for a variety of OEM applications, they measure only 1" sq. x 0.3", weigh <2 gms. and can be connected via RS232, TTL, or USB.

Featuring an ASCII interface, hard- and soft-iron calibration and user-configurable data formatting, OS5000 Digital Compasses provide up to 40Hz data update rate. Standard features include a 50 MIPS processor supporting IEEE floating point math, a 24 bit A/D converter, programmable baud rate from 4,800 to 115,000 baud, and <20 mA @3.3V power consumption.

OS5000 Digital Compasses are priced at \$249.00 each or \$199.00 ea. for 10; available at www.ocean-server.com ; with larger quantity discounts offered.

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