

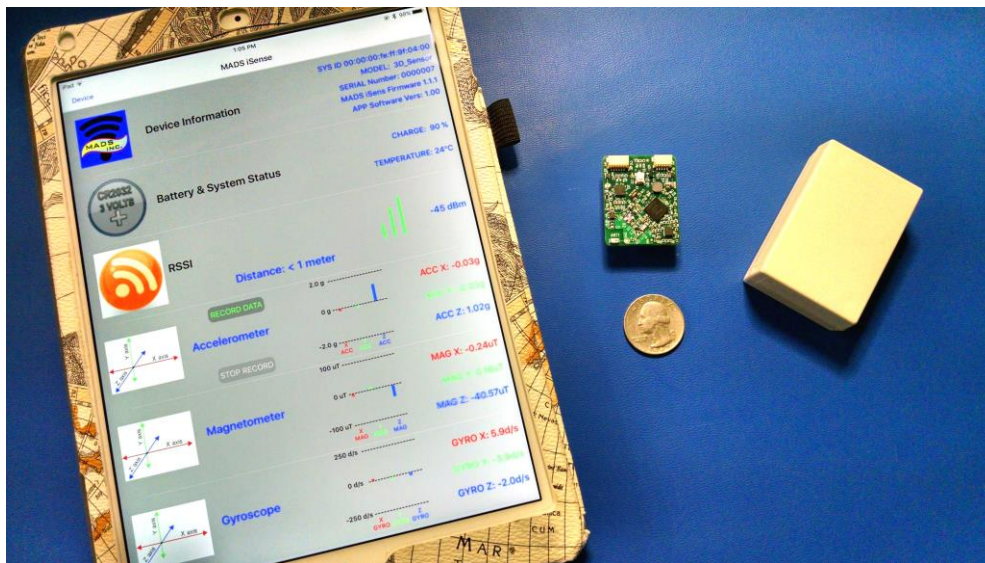


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## MADS iSense Wireless Sensor System

### *Product Brief*

### **MADS iSense iOS Application and MADS Sensor Unit with Real-time display and Real-time data storage**



### Key Features

- 3-axis accelerometer sensor
- 3-axis magnetometer sensor
- 3-axis gyroscope sensor
- Temperature sensor
- Sensor sample rate of 6 samples per seconds
- Wireless Bluetooth Low Energy
- Real-time display of all sensor data
- Real-time storage of all sensor data
- iPad and iPhone compatible
- Battery or external 3VDC powered
- iSens Sensor unit board size: 1.1" X 1.4"

The accelerometer, magnetometer and gyroscope sensor data is read over a secure (bonded and paired) wireless Bluetooth Low Energy (BLE) link at up to 6 samples per second. The sample rate varies based upon the rate of change of the sensor data to maximize battery life and BLE data integrity. The sensor data is displayed both in bar graph form and numerical data. The data is saved in xml format for ease of import into a wide variety of applications for analysis.

**M.A.D.S. INC.**

10 Commerce Park North, Ste 9 - Bedford, NH 03110

T:603.644.7803.204 - F:603.644.2698 - [bstetson@madsgizmos.com](mailto:bstetson@madsgizmos.com) - [www.madsgizmos.com](http://www.madsgizmos.com)