Hemisphere GNSS Vector V104 GPS Compass

Hemisphere GNSS, USA, has added the Vector V104 to its innovative precise heading and positioning product line. According to the California-based company, this is the worldâ€™s smallest high-accuracy, dual-receiver GPS compass.

Chuck Joseph, Hemisphere president and CEO, said the Vector V104 offers better than 2° heading accuracy and sub-metre DGPS position accuracy without requiring maintenance or calibration and while being immune to magnetic interference.

Based on the company's patented Crescent Vector technology, the Vector V104 integrates two GPS antennas, a multi-axis gyro, and a tilt sensor into a single system. The dual integrated antennas provide both heading and position data, and the gyro and tilt sensor improve system performance and provide backup heading information if the GPS-based heading is ever lost. The Crescent technology provides highly accurate code phase management and multipath mitigation. This results in high-level accuracy and stability, enabling the user to install the V104 all sorts of areas.

An alternative to traditional gyro and fluxgate compass sensors, the Vector V104 offers a choice of either serial or NMEA2000 communications and is suitable for a wide array of applications, especially in the marine, GIS Mapping, and machine control markets.

- Hempishere GNSS product range on Geo-matching.com.