

GNSS Compass Module



Canada-headquartered Hemisphere GNSS has launched its Crescent Vector H200 GNSS compass module, a high-performance receiver for heading, positioning, heave and attitude. Vector H200 is designed for professional marine, navigation and land applications in challenging and dynamic environments.

Vector H200 uniquely processes L1 GPS and GLONASS signals to deliver heading, greater positioning reliability, and better performance in challenging environments. Through using two separate antennas, Hemisphere GNSS' patented Vector technology computes the heading and pitch or roll angle while stationary or in motion. Vector H200 can compute heading accuracy to 0.02 degrees using a 5 metre antenna separation. A variety of differential correction methods also make it possible for Vector H200 to provide

sub-metre to centimetre position accuracy.

Vector H200 supports SBAS, L-Band and RTK differential positioning solutions and features the SureTrack technology optimising the use of GPS and GLONASS signals. Hemisphere GNSS offers antennas to fit a variety of Vector H200 applications.

Marine industry developers can maximise performance by integrating Vector H200 into their systems for hydrographic and bathymetric surveys, auto-pilots, dredging and buoys.

<https://www.hydro-international.com/content/news/gnss-compass-module>
