

Commercially Exportable IMU-KVH1750 Added to SPAN Line



NovAtel, Canada, has added the IMU-KVH1750 as an inertial measurement unit (IMU) option in its SPAN GNSS/INS line of positioning products. The IMU-KVH1750 is a high-performance commercial off-the-shelf (COTS) sensor that offers excellent bias stability and repeatability. It incorporates KVH's™ DSP-1750 precision fibre optic gyro with very low noise MEMS accelerometers.

Commercially exportable, the [IMU-KVH1750](#) integrates easily with NovAtel's OEM6 series of receivers to provide a tightly coupled 3D navigation solution. Offering customers continuous position, velocity and attitude (roll, pitch and azimuth) measurements, a SPAN system is stable and available even through periods when satellite signals are blocked or unavailable.

An IMU-KVH1750 supported SPAN system is ideal for mobile and airborne mapping applications as well as hydrographic survey. It can be relied upon to provide accurate, continuous performance in harsh environments, and features excellent shock vibration and thermal functionality.

<https://www.hydro-international.com/content/article/commercially-exportable-imu-kvh1750-added-to-span-line>
