NovAtel’s precise thinking makes it possible

NovAtel designs, markets and sells high-precision GPS and other positioning components and subsystems used in a variety of commercial applications, including aerospace, marine, mining and defense industries.

To learn how NovAtel’s precise thinking can benefit you, visit www.novatel.com.

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† SPAN™ Technology

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NovAtel’s SPAN™ (Synchronized Position Attitude Navigation) Technology product features a tight integration of a NovAtel GPS receiver and an Inertial Measurement Unit. SPAN provides continuous operation through short GPS outages with accurate position and attitude measurements. Designed for dynamic applications, SPAN also provides precise velocity, acceleration and rotational measurements.

ProPak-V3
NovAtel’s ProPak-V3 can be used as either a base station or a rover and delivers the same way-to-use interface of the ProPak-G2Gps. All the features of the G2Gps are available within this enclosure, including GLONASS measurement capability, 3D/STAR or CoGPS corrected services, LUC signal support and future support for the US GPS frequency.

Features:
• Three high-speed RS-232 and RS-422 serial ports and USB 1.1 capability
• External oscillator input, configurable event and mark inputs, PPS output
• Support of peripheral devices, including an Inertial Measurement Unit (IMU) for combined GPS-Inertial navigation
• Fully qualified robust waterproof housing

iLMU-FSAS
The iLMU-FSAS is a small-sized IMU consisting of 3 fibre optical gyro in closed-loop technology of class 0.2 degree per hour and 3 tri-axial accelerometers of class 1 mg. The HG1700 is a low-cost IMU developed by NovAtel as an alternative to a high-performance gyro. HG1700 is a robust, reliable, and budget-friendly IMU, providing 9-axis IMU data for military and civilian applications.

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