

Navman GPS3260 Released

Navman (CA, USA) has released the Navman GPS3260 series Smart GPS Sensor, a sensitive GPS receiver and antenna device to provide location based capabilities to a variety of mobile applications from PDAs to commercial vehicles.

A fully integrated GPS antenna and receiver, the Smart GPS Sensor features a 49.0 x 41.0 x 14.2mm form factor and includes an ultra-high sensitivity 20-channel receiver, as well as over 200,000 effective correlators for rapid satellite acquisition fixes and tracking even in weak signal conditions less than -159 dBm. The device provides fast acquisition fixes with less than 1 second hot starts, 32 second warm starts and 38 second cold starts (typical). Featuring the same core firmware as Navman's Jupiter 30 series of products, the GPS3260 supports SiRFInstantFix, advanced power management modes, user selectable datums and SBAS (WAAS, EGNOS and MSAS) differential GPS. A built-in Lithium ION battery holds system data for rapid position acquisition and includes a green LED that indicates GPS fix. Units ship standard with a fixed 3 meter cable for the RJ11 (GPS3260) and a fixed 2 meter cable for the USB (GPS3261) connector models.

Fully waterproof (IPX7 submersible), the Navman Smart GPS Sensor is operational at altitudes up to 60,000 feet (18,462 meters), velocities up to 1000 knots, acceleration up to 5 G and within a temperature range of -22 degrees to 185 degrees Fahrenheit (-30 degrees to 85 degrees Celsius). The operating voltage of the device is 4.0 – 6.0 VDC and power consumption is a mere 63mA at 5 VDC. The Navman Smart GPS Sensor supports SBAS, multiple advanced power management modes for a plug and play GPS solution in battery powered applications.

Both the RJ11 and USB models of the Navman Smart GPS Sensors are currently available in sample quantities and will be available in production quantities in February.

[Find the datasheet](#)

Source: Navman