

Trimble Introduces OEM GNSS Sensor for System Integrators



Trimble Geospatial has introduced the ABX-Two OEM GNSS sensor. The ABX-Two delivers precise heading, pitch, roll and 3D positioning information. With two internal MB-Two modules, the ABX-Two offers a third antenna option that provides a drift-free, absolute attitude solution. The sensor is an ideal solution for a wide variety of applications such as agriculture, automotive, aviation, construction and marine systems.

The ABX-Two is a compact, lightweight and weatherproof enclosure that is built around two MB-Two modules. The sensor allows a wide range of voltage inputs and maintains low-power consumption regardless of the voltage. It speeds the integration process with a web user interface and a variety of interface connections for an easy addition into new and existing solutions.

“System integrators require high performance, reliability and support for their positioning solutions,” said Chris Wheeler, business area manager of Trimble’s Precision OEM GNSS group. “The ABX-Two is designed for easy integration. And its rugged dependability makes it ideal for harsh environment applications.”

The ABX-Two has a powerful RTK engine that delivers centimetre-level accuracy from a base station or Real- Time Kinematic (RTK) network. With Trimble RTX correction services, the ABX-Two achieves Precise Point Positioning without a base station.

The ABX-Two features a wide range of option-upgradable GNSS configurations from single sensor/single frequency/single GNSS to multi sensor/multi frequency/multi GNSS capability. Trimble’s patented Z-Blade technology drives a powerful GNSS agnostic engine, allowing the ABX-Two to use any single GNSS satellite system for positioning without any constellation preference to deliver fast and stable centimeter-accurate positioning and heading information.

The Trimble ABX-Two is available now through the Trimble GNSS OEM international network of representatives and authorized dealers.

<https://www.gim-international.com/content/article/trimble-introduces-oem-gnss-sensor-for-system-integrators>
