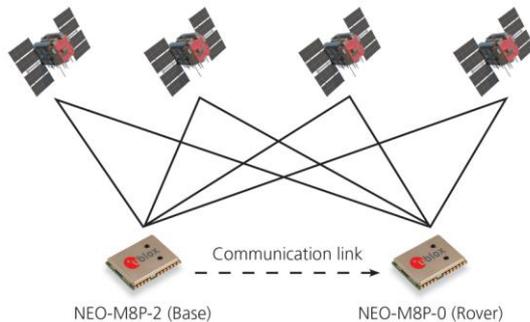




Press Release

u-blox brings centimeter-level precision GNSS technology to the mass market

The NEO-M8P offers high precision technology in small design for applications such as unmanned vehicles and robotic guidance systems



Thalwil, Switzerland – February 15, 2016 – u-blox (SIX:UBXN), a global leader in wireless and positioning modules and chips, launched today the NEO-M8P GNSS receiver modules delivering high performance down to centimeter-level accuracy.

Measuring merely 12.2 x 16 x 2.4 mm, NEO-M8P is the smallest high precision GNSS RTK (real time kinematic) module available on the market based on GPS and GLONASS satellite-based navigation systems. The rover with the u-blox NEO-M8P-0 receives corrections from the

u-blox base receiver NEO-M8P-2 via a communication link that uses the RTCM (Radio Technical Commission for Maritime Services) protocol, enabling centimeter-level positioning accuracy. The RTK algorithms are pre-integrated into the module. As a result, the size and weight are significantly reduced, and power consumption is five times lower than existing solutions, thus cutting costs and improving usability dramatically. Customers can further reduce their R&D efforts, as they do not have to spend significant resources and time to develop an in-house RTK solution on a separate microprocessor system.

RTK technologies have been used for some time in low-volume niche markets, such as surveying and construction. Due to high costs and complexity, this enhanced positioning technology has been inaccessible for most other uses. Emerging high volume markets, such as unmanned vehicles, require high precision performance that is energy-efficient and low in costs. Other application areas include agriculture and robotic guidance systems, such as tractors or robotic lawnmowers. The u-blox NEO-M8P answers these demands for a small-sized, highly cost-effective, and very precise RTK-based module solution.

“NEO-M8P lowers the barriers for innovative companies looking to develop equipment that needs centimeter-level accuracy in many markets and applications, such as UAVs,” said Daniel Ammann, Executive Director Positioning and Co-Founder of u-blox. “Today, most solutions are based on board-level receiver products. NEO-M8P delivers performance that is simply a level above competitive offerings in terms of size and low-power consumption, thereby providing easy integration into customers’ existing product platforms, as well as a significant saving in their cost of goods.”

u-blox NEO-M8P is available for sampling now and will be shipping in volumes in Q3’ 2016.

For more information visit the [website](#).

NEO-M8P will be displayed at the u-blox booth (Hall 5: 5-158) of [Embedded World](#).

About u-blox

Swiss u-blox (SIX:UBXN) is a global leader in wireless and positioning semiconductors and modules for the automotive, industrial and consumer markets. Our solutions enable people, vehicles and machines to locate their exact position and communicate wirelessly over cellular and short range networks. With a broad portfolio of chips, modules and software solutions, u-blox is uniquely positioned to empower OEMs to develop innovative solutions for the Internet of Things, quickly and cost-effectively. With headquarters in Thalwil, Switzerland, u-blox is globally present with offices in Europe, Asia and the USA. (www.u-blox.com)

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locate, communicate, accelerate



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