Unmatched jamming robustness now available in Septentrio's ultra-low powered GNSS receivers, the AsteRx-m2 and AsteRx-m2 UAS

Leuven, Belgium and Torrance, California - 8 May 2017 – The AsteRx-m2 and AsteRx-m2 UAS OEM boards were launched today by Septentrio, a leading manufacturer of accurate and reliable GNSS solutions. These two new OEM boards which bring the latest in GNSS positioning to the market with unmatched interference mitigation technology all on ultra-low-power will be showcased from tomorrow in Dallas, Texas at AUVSI's Xponential 2017.

The credit-card sized AsteRx-m2 and the AsteRx-m2 UAS offer all-in-view multi-frequency, multi-constellation tracking and centimetre-level RTK position accuracy for the lowest power of any comparable receiver. Additionally, the AsteRx-m2 and the AsteRx-m2 UAS can receive TerraStar satellite-based correction signals for PPP positioning.

The AsteRx-m2 and the AsteRx-m2 UAS feature Septentrio's AIM+ interference mitigation system: the most advanced on-board interference mitigation technology on the market. It can suppress the widest variety of interferers, from simple continuous narrowband signals to the most complex wideband and pulsed jammers. The increasing levels of radio frequency pollution coupled with the intrinsic danger of self-interference in compact systems such as UAS, makes interference mitigation a vital element in any UAS GNSS system.

AsteRx-m2

AsteRx-m2 UAS

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The AsteRx-m2 UAS is designed specifically for unmanned systems. It brings plug-and-play compatibility for autopilot software such as ArduPilot and Pixhawk and event markers can accurately synchronise a camera shutter with GNSS time. The board can be directly powered from the vehicle power bus via its wide-range power input. The AsteRx-m2 UAS works seamlessly with GeoTagZ software and its SDK library for RPK (ReProcessed Kinematic) offline processing to provide RTK accuracy without the need for ground control points or a real-time datalink.

"The market demands increasingly accurate and reliable GNSS positioning systems for inspection, mapping and aerial survey" stated Gustavo Lopez, Product Manager at Septentrio. He continued: "Septentrio's answer is the AsteRx-m2 and the AsteRx-m2 UAS: offering multi-frequency and multi-constellation tracking as well as robust interference protection all for the lowest power on the market."

The AsteRx-m2 and AsteRx-m2 UAS are shipping from today. Septentrio is located at stand 749 of Xponential 2017 from 10.00 a.m. tomorrow.

About Septentrio:

Septentrio designs, manufactures and sells high-precision multi frequency multi constellation GPS/GNSS equipment which is used in demanding applications in a variety of industries such as marine, construction, agriculture, survey and mapping, GIS, UAVs as well as other industries. Septentrio receivers deliver consistently accurate GNSS positions scalable to centimetre-level, and perform solidly even under heavy scintillation or jamming. Septentrio receivers are available as OEM boards, housed receivers and smart antennas.

Septentrio offers in-depth application and integration support to make its customers win in their markets. Septentrio is headquartered in Leuven, Belgium and has offices in Torrance, CA and Hong Kong, and partners throughout the world. To learn more about Septentrio and its products, visit

www.septentrio.com

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