

Introducing the new AsteRx-m2

Monday, May 8th, 2017

Sales Release Notification

Septentrio is proud to announce the product launch of the new AsteRx-m2 OEM and AsteRxm2 UAS.

The AsteRx-m2 is a high-end ultra-low power GNSS board. Its low power and credit-card footprint make it the ideal receiver for integration in UAS, survey grade devices and other industrial applications. The combination of multi-constellation, multi-frequency tracking and the GNSS+ toolset mean that the AsteRx-m2 comes into its own in difficult conditions.

With the AsteRx-m2 Septentrio brings to the OEM market a unique blend of technologies which increases cm level reliable positioning and data integrity all in a small foot print. The AsteRxm2, a multi-constellation, multi-frequencies module, with advanced embedded technology ensures powerful performance and a patented way to use multiple GNSS constellations for high-accuracy positioning and surveying solutions.

Key Features

- All-in-view tracking
- Lowest power of any comparable receiver
- cm-level RTK and PPP reliable positioning
- Full EMI shielding
- AIM+: the benchmark for on-board interference mitigation of GNSS signals
- RxTools: a comprehensive software toolset for receiver monitoring, configuration, data logging, analysis and conversion
- Focus on ease-of-integration



Improving on the AsteRx-m

- The AsteRx-m2 offers significant improvement on the AsteRx-m including:
- Addition of BeiDou, Galileo, QZSS and IRNSS tracking
- Simultaneous triple-frequency tracking of all constellations and AIM+
- 2-channel L-band demodulator for TerraStar services
- PPP positioning
- Higher PVT and heading update rates with low and consistent latency
- Clock Synchronization: Time and frequency synchronization
- 60-pin connector to include extra connectivity
- Two active/passive antenna connections
- SDIO interface for data logging with eMMC support
- 4 Hi-speed serial ports

Please Contact Innovelec Solutions for more information on the AsteRx-m2