

# Septentrio Adds AsteRx-i S to GNSS/INS Product Portfolio



GNSS receiver manufacturer Septentrio has announced the addition of the AsteRx-i S to its GNSS/INS product portfolio. The AsteRx-i S combines Septentrio's compact, multi-frequency multi-constellation GNSS engine with ultralight external industrial-grade MEMS-based IMU. Calibrated for wide temperature ranges, the AsteRx-i S delivers accurate and reliable GNSS/IMU integrated positioning to the centimetre level as well as full attitude at high update rates and low latency.

Key benefits for users:

- GNSS/INS positioning with 3D attitude: heading pitch and roll
- Multi-constellation, multifrequency, all-in-view RTK receiver
- AIM+ interference monitoring and mitigation system
- High-update rate, low-latency positioning and attitude
- Small & ultralight IMU (10 grams)
- Robust calibration for wide temperature ranges

Designed around demanding requirements for size, weight, power consumption and temperature variation, the AsteRx-i S is ideal for various applications such as inspection with UAVs, UAS photogrammetry, automation, robotics and logistics.

Francesca Clemente, product manager at [Septentrio](#) said her team is delighted to broaden the [AsteRx-i](#) GNSS/INS solutions range, bringing maximum flexibility and choice to its customers. Whether for direct georeferencing in mapping applications with UAVs, for managing containers in a port or for innovative small robots in agriculture, the compactness, affordability and robustness of the AsteRx-i range offers solutions for a broad range of applications.