

Advanced Navigation, a leader in GNSS-aided Inertial Navigation Systems (INS) for unmanned vehicles and robotics, has announced the launch of a new range of MEMS GNSS/INS, offering better performance and easier integration. The new solutions also offer license-free multi-constellation RTK, making 8mm positioning accuracy affordable.

Video Presentation: <https://youtu.be/LJqMVDSZ9bo>

There are two versions available:

Certus Evo: a ground-breaking GNSS/INS that offers near FOG performance combined with the reliability and affordability of MEMS sensors.

PERFORMANCE	KEY FEATURES
0.03 ° Roll and Pitch	Dual Antenna Heading
0.05 ° Heading	Free Multi-Constellation RTK
8 mm RTK Positioning	Ethernet, CAN, RS232, etc.
0.4 °/hr MEMS Gyroscope	Internal data logging
1000 Hz Update Rate	OEM or Rugged options
2000 g Shock Limit	

Certus: an evolution of the industry leading Spatial Dual, with low SWAP-C and enhanced integration capabilities.

PERFORMANCE	KEY FEATURES
0.1 ° Roll and Pitch	Dual Antenna Heading
0.1 ° Heading	Free Multi-Constellation RTK
8 mm RTK Positioning	Ethernet, CAN, RS232, etc.
3 °/hr MEMS Gyroscope	Internal data logging
1000 Hz Update Rate	OEM or Rugged options
2000 g Shock Limit	

Availability:

Certus and Certus Evo are ITAR Free. All models are available for order. Ordering information and delivery time are available from Advanced Navigation representatives and authorised Advanced Navigation dealers.

Find out more: <https://www.advancednavigation.com/thenewcertus/>