

Lightweight GPS-aided Inertial Navigation System



OxTS, UK, has launched the GPS-aided inertial navigation system xNAV200 at this year's AUVSI Unmanned Systems North America conference in Las Vegas, USA. The xNAV200 is a compact, lightweight INS.

The xNAV200 is capable of providing reliable position (90cm), precise heading (0.15°) as well as highly accurate roll/pitch (0.05°) measurements at up to 100Hz. The miniature sensor offers some striking advantages: it is very small (120 x 66 x 35mm), extremely lightweight (<350g), highly reliable, easy to integrate and offers an unmatched price-performance ratio.

The new xNAV200 can be used for georeferencing sensors and has applications on unmanned aerial vehicles as well as autonomous ground vehicles.

<https://www.gim-international.com/content/news/lightweight-gps-aided-inertial-navigation-system>
