

POS LV V5



Applanix has released its next-generation POS LV (Position and Orientation System for Land Vehicles), the POS LV Version 5. Now with a POS Computer System (PCS) that is half the size of the previous version, ruggedised and fully sealed, the POS LV V5 delivers highly accurate, uninterrupted positioning and orientation information from a moving vehicle with superior reliability and in almost any environment.

The system has been redesigned as a more compact, rugged, and sealed unit. Improved durability and reliability will allow users to take the POS LV into more extreme environments to address additional mobile mapping and navigation applications.

Based on Applanix' proven tightly-coupled, integrated inertial technology, the POS LV V5 is designed to provide positioning and orientation information even in areas where GNSS reception is compromised or unavailable. The system is engineered for a wide variety of land vehicle mobile mapping applications, such as road profiling, pavement analysis, and asset management.

It is a turn-key aided inertial navigation system that includes:

- An Inertial Measurement Unit (IMU)
- An integrated Trimble BD960 GNSS Receiver
- A wheel-mounted Distance Measurement Instrument (DMI) and
- A GPS Azimuth Measurement System (GAMS) with optional second GNSS Receiver.

<https://www.gim-international.com/content/news/pos-lv-v5-2>
