



TRIMBLE AP+ 30 LAND

NEXT GENERATION EMBEDDED GNSS-INERTIAL SOLUTION FOR ROBUST MOBILE MAPPING AND POSITIONING

The Trimble AP+ Land GNSS-inertial OEM system is comprised of next-generation compact, low-power hardware, with dual embedded survey-grade GNSS chipsets, an onboard inertial measurement unit (IMU), an external IMU, and the all-new Applanix IN-Fusion+™ GNSS-aided inertial firmware featuring Trimble ProPoint™ GNSS Technology.

INTEGRATE ONCE, USE MANY

The “Integrate once, use many” concept means a single hardware platform can be used to build a complete range of mapping systems. This consistency saves costs associated with design and integration.

THE BEST SOLUTION JUST GOT BETTER

The Trimble AP+ Land OEM solution is fully supported by the industry-leading Applanix POSPac® MMS post-processing software, featuring Post-processed Trimble CenterPoint® RTX™ for centimeter position accuracy without base stations, making it the ultimate solution for integrators wishing to produce a highly efficient mobile mapping system. For LiDAR integrators, the Trimble AP+ Land OEM is fully compatible with the POSPac MMS LiDAR QC Tools, which performs LiDAR to IMU boresighting and trajectory adjustment using the LiDAR point cloud.

Key Features

- ▶ “Integrate once, use many” concept means a single platform can be used to build a complete range of mapping systems, using the same design, which saves costs
- ▶ Reduced SWaP
 - 54% smaller footprint
 - 64% lighter
 - 75% less power
- ▶ Next generation, survey-grade GNSS receiver
- ▶ Two antenna heading support
- ▶ Next generation Applanix In-Fusion+™ GNSS-aided inertial firmware featuring Trimble ProPoint™ GNSS Technology
- ▶ Completely configurable



