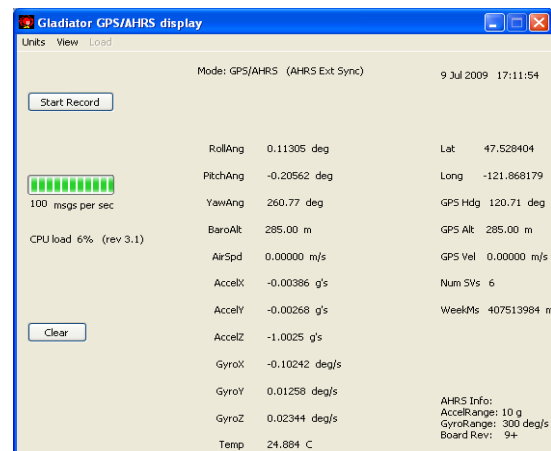


LandMark™ 30 GPS/AHRS SDK

LandMark™ 30 GPS/AHRS

Software Development Kit (SDK)

- Turn-Key Solution for LandMark™ 30 GPS/AHRS on User's PC
- All Software, Cabling, Interface Connectors, Antenna Included and Ready for Use
- Easy Integration of Direct GPS and AHRS RS485 to PC's USB Interface
- Extensive PC Display Software
- Data Record Capability - AHRS & GPS
- User Selectable Bandwidth Settings and Data Output Rate on AHRS
- User Selectable Units of Measure
- User Loading of Coefficients for System Optimization
- Self-Contained Power Supply with either Battery or User Supplied Power
- Battery Supply Has 4 to 5 Hours of Operating Life *Typical*
- Self-Test Capability
- Includes Active GPS Antenna
- Compass



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LandMark™30 GPS/AHRS SDK

LandMark™30 GPS/AHRS SDK

LMRK30GPSA-DEMO-120

The LandMark™30 GPS/AHRS Software Development Kit (SDK) is an optional product to assist first time users of the LandMark™30 GPS/AHRS in order to facilitate a rapid setup, test and use of the unit. Please contact the factory or your local Gladiator Representative for in-country service and support at www.GladiatorTechnologies.com.

The LandMark™30 GPS/AHRS SDK includes all cabling required to interface directly from the GPS/AHRS's RS485 interface to a PC's USB interface. The converter cable includes battery powered power supply (there is also wiring on the cable to enable the user to supply their own 6.0V to +36V power) and a self-test switch. The battery power supply uses one 9Volt battery (included with shipment) and supplies user battery power on the GPS/AHRS for about 4 to 5 hours typical. PC display software is included which enables the user to display each channel of rate, acceleration, each axis' angle output, altitude and temperature as well as to monitor Self Test parameters and magnetic calibration capability. In addition, the GPS display software has a variety of functions that are displayed and also recordable. The Glamr record data is in .CSV format for export in Excel or other user database. Many other features allow user selectable setting of the bandwidth filter, output data rate and units of measure.

Data Record Capability → Start Record

Self Test is Active → Self Test **

User Defined Units of Measure → Units → Accel → g/s



User Selectable,
 - Load Coefficients
 - Zero Out Airspeed
 - Bandwidth Filter

Specification subject to change without notice.



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