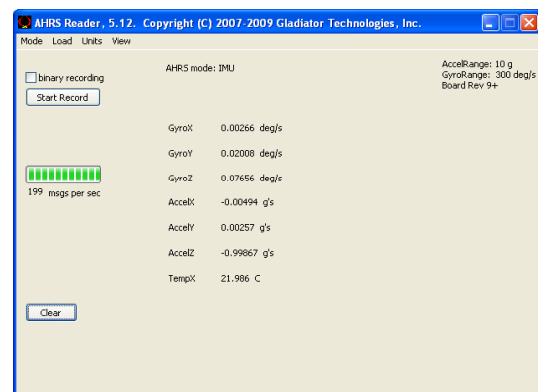


LandMark™ AHRS "LN Series" SDK



- Turn-Key Solution for LandMark™ AHRS "LN Series" on User's PC
- All Software, Cabling, Interface Connectors Included and Ready for Use
- Easy Integration of Direct AHRS RS485 to PC's USB Interface
- Extensive PC Display Software
- Data Record Capability
- User Selectable Bandwidth Settings and Data Output Rate
- 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 16 Hours of Operating Life *Typical*
- Self-Test Capability
- Compass



QMS

AS9100 Rev B &
ISO 9001:2000
Cert# FM 509639



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LandMark™ AHRS "LN Series" SDK

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LMRKAHRS-SDK-120

The LandMark™ AHRS "LN Series" Software Development Kit (SDK) is an optional product to assist first time users of the LandMark™ AHRS "LN Series" 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™ AHRS "LN Series" SDK includes all cabling required to interface directly from the AHRS's RS485 interface to a PC's USB interface. Also included is a RS485 to USB converter, cabling and mating connectors. The converter cable includes battery powered power supply (there is also wiring on the cable to enable the user to supply their own + 3.3V (+ 1.3V, -0.3V) power and a self-test switch. The battery power supply uses three 1.5 Volt AA batteries (included with shipment) and supplies user battery power on the AHRS for about 16 hours typical. In addition, PC display software is included which enables the user to display each channel of rate and acceleration, each axis' angle output, altitude, temperature as well as to monitor Self Test parameters and magnetic calibration capability. The software also enables the user to record data sets of their choosing 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.

Self Test is Active

User Defined Units of Measure

Data Record Capability and Select Data Rate

Load Coefficients Capability to Optimize System Performance

User Selectable :

- Bandwidth Filter,
- Load Coefficients
- Zero Out Airspeed

Specification subject to change without notice.



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