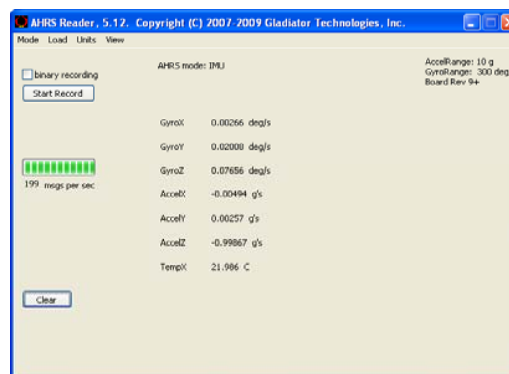## LandMark™ IMU *"LN Series"* SDK

- **Turn-Key Solution for LandMark™ IMU *"LN Series"* on User's PC**

- **All Cabling, Interface Connectors, and Software Included and Ready for Use**

- **Easy Integration of Direct IMU RS485 to PC's USB Interface**

- **Includes PC Display Software**

- **Data Record Capability**

- **User Defined Bandwidth Settings and Data Output Rate on IMU**

- **Self-Contained Power Supply with either Internal Battery or User Supplied Power**

- **Battery Supply Has 19 Hours of Operating Life** *Typical*

- **Self-Test Switch**

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

Gladiator Technologies, Inc.

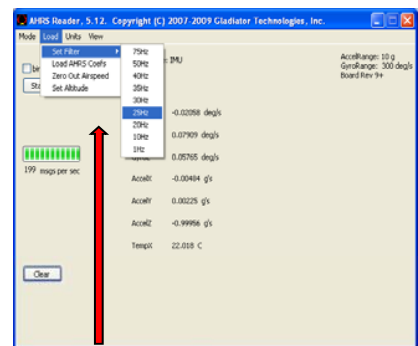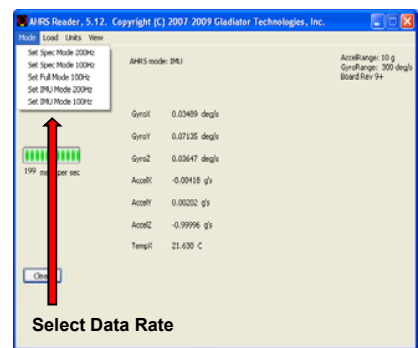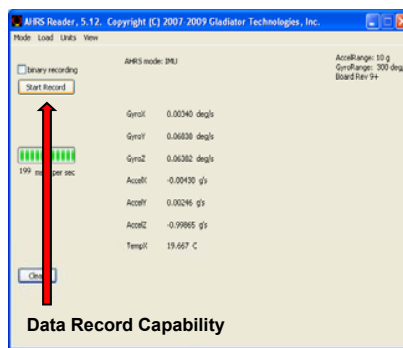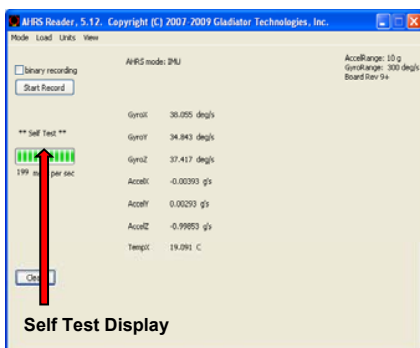Copyright © 2010 Gladiator Technologies, Inc.

Rev. Aug0210
SN: 0120

LandMark™ IMU *"LN Series"* SDK

LandMark™ IMU *"LN Series"* SDK
LMRKIMU-SDK-120

The LandMark™ IMU *"LN Series"* Software Development Kit (SDK) is an optional product to assist first time users of the LandMark™ IMU *"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™ IMU *"LN Series"* SDK includes all cabling required to interface directly from the IMU'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 +3.0V to +4.2V 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 IMU for about 19 hours typical. In addition, PC display software is included which enables the user to display each channel of rate, acceleration and temperature as well as to monitor Self Test parameters. 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 and output data rate.

Self Test Display

Data Record Capability

Select Data Rate

Connector to IMU

Connector to Converter Board

Self Test Switch

RS485 to USB Converter

Select Bandwidth Filter Setting

Specification subject to change without notice.

Gladiator Technologies, Inc.
8022 Bracken Place SE
Snoqualmie, WA 98065 USA
Tel: 425.396.0829   Fax: 425.396.1129
Email: sales@gladiatortechnologies.com
Web: www.gladiatortechnologies.com

Rev. Aug0210
SN: 0120

Copyright © 2010 Gladiator Technologies, Inc.