



Data for Sleds

The **SnoPro** Club

Get the same data as the factory teams...and a bit more!

Ever since we discontinued the original **SnoPro** 10+ years ago, we've had requests for an integrated display-based logger. Now it is here, with a ton of great features. A great value for Sportsman classes:

- ❑ Built-in GPS (for speed, trajectories, laptimes, etc.)
- ❑ Bright Readable Display
- ❑ Playback/Review On-screen
- ❑ Logging built-in, no junction boxes
- ❑ ECU Input Capability (10-15 channels typically)
 - * Arctic Cat ZR6000
 - * Ski-Doo MXZx 600RS
 - * Polaris 600/800 HO-AXYS
- ❑ RPM Input (for non-ECU apps)
- ❑ 4 Analog inputs (temps, pressures, positions, etc)
- ❑ 2 Speed inputs (JSrpm/speed, BeltRPM, etc)
- ❑ 2 Switched Hi-side (12V) Outputs (up to 15A)
- ❑ WIFI and USB connectivity
- ❑ 4GB Memory (>2500hrs!)
- ❑ May use any sensors from **SnoMAX** lineup!
- ❑ Expandable to include Lambda and SmartyCam
- ❑ Uses external 9-15VDC power (optional battery and switch recommended)

Lap/split times and any ECU, analog, speed, or GPS channels (from 1 to 16 per page) can be displayed on the display unit. User may configure up to 8 pages. RPM, speed, and lap/segment data from a session may be quickly reviewed on-screen.

Downloaded via WIFI (USB cable also provided) to the powerful Window-based **Race Studio Analysis** software, even more information may be obtained, such as:

- ❑ *Three axis accelerations*
- ❑ *Yaw, pitch and roll rates*
- ❑ *Heading, altitude, and slope*
- ❑ *Ideal Lap/split times*
- ❑ *Driven line/curve radius*
- ❑ *As-driven Track maps with colored overlays*
- ❑ *Instant Clutch ratios*
- ❑ *Track-to-ground slippage*
- ❑ *Instant Fuel Mixture (with Lambda Sensor)*
- ❑ *Belt Slippage and Clutch Sheave motions (requires Belt Slip Sensor)*

A huge variety of special sensors are available, just like the **SnoMAX** systems.

All data is conveniently stored and organized for quick recall, comparison, analysis, and may be shared with team-mates, engine builders, coaches, etc.

The bright back-lit display is easily read day or night, and may be set to 7 alternative background colors. Set of 5 LED's may be used as RPM indicators or relative lap time indication. 2 alarm LED's may be used for multiple simultaneous warnings, with or without on-screen messaging. All may be colored per your preference via the setup software.

The internal GPS circuitry requires no external lap sensor and remembers and can learn which track is being used. It is powerful enough to be placed under polymer bodywork, and still obtain satellite reception!

The size of this unit (137x88x32mm) is big enough to quickly read on-track, but may be placed in various locations. Secure "Autosport" quick-connection makes this easily portable from sled-to-sled.



Customized by Precision AutoResearch, the **SnoPro Club** is pre-programmed, ready to race.

Two alternate Racer's Kits are available:

- ❑ **Club-ECU:** For ECU-equipped vehicles, which includes ECU interface cable.
- ❑ **Club-Standard:** For carbureted vehicles, or vehicles for which we do not have ECU-CAN access. This kit includes RPM input, Speed Sensor and Jackshaft Collar.

Both kits include:

- ❑ **Pre-programmed AIM MXm data/display module**
- ❑ **SnoPro specific harness (all functions enabled)**
- ❑ **Printed set-up instruction manuals**
- ❑ **Set-up/analysis software**
- ❑ **Specialized analysis templates.**

As with all **SnoPro** systems, the **Club** carries a 1 year warrantee on all electronics.

For further information, contact:

Precision AutoResearch

www.PrecisionAutoResearch.com

www.PARBrowser@aol.com

630-766-4402