



POLARIS
RACING



Real Data for Race Sleds

The **SnoPro** Kompact2 -- for Polaris Racing**

Get the same data as the factory teams!

An economical version of the powerful **SnoPro** systems, the gold-standard of sled-racing data, is here! The Kompact2 GPS/Lap-timer/Logger interfaces directly to the Polaris ECU. You will obtain GPS tracking, lap/split times, speed, and the following ECU-channels:

- Engine RPM*
- Throttle Position*
- Brake Status*
- Baro Pressure*
- Intake air temperature*
- Water temperature*
- Exhaust Pipe temperature*
- Exhaust Valve Status*
- Rectifier Battery Voltage*
- Jackshaft Speed/RPM**

(Above are for 600R SnoX sleds. XC/XCR sleds have alternate channels)

*** With the special Polaris-specific jackshaft kit, you can also measure jackshaft rpm, to help with clutch tuning and track slippage analysis. Required for SnoX sleds.**

Optionally, a single broadband Lambda sensor (fuel mixture) and SmartyCam3 (data integrated-camera) modules may also be connected. As of 2023, it is now possible to add up to 4 analog channels, via a special expansion module.

Lap/split times and any of the ECU or GPS channels (up to 4 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 to the powerful Windows-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 data overlays*
- Instant Clutch ratios*
- Track to ground slippage*

All data is conveniently stored and organized for quick recall, comparison, analysis, and may be shared with team-mates or Polaris Racing engineers.

Powered by internal rechargeable battery and auto-charged via the custom ECU connection, the bright back-lit display is easily read day or night. Dual set of 5 LED's may be used as RPM indicators or relative lap timing indication.

The compact nature of this unit (98x74x30mm) lets it be placed virtually anywhere. Secure removable connections make this easily portable from sled-to-sled.

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

The **SnoPro Kompact2** for Polaris easily attaches/detaches to its a magnetic base and comes fully programmed, ready for use with the provided Polaris harness.

Racer's starter kit includes:

- ❑ *Pre-programmed Solo2DLver2 module*
- ❑ *Mounting bracket*
- ❑ *Custom two-part Polaris ECU-interface cable*
- ❑ *Printed set-up instruction manuals*
- ❑ *Wall/PC charger*
- ❑ *Set-up/analysis software*
- ❑ *Specialized analysis templates.*

For SnoX sleds, the optional Jackshaft kit includes:

- ❑ *Modified ECU harness with Powered JS sensor branch*
- ❑ *Jackshaft Sensor*
- ❑ *2-part JS Collar with twin magnetic pickups*

Kompact2 carries the same 1year warrantee, as all **SnoPro** systems.

At-track support provided by **Precision AutoResearch** on these units for Polaris Racing customers.

At present, the **Kompact** interfaces with the following Polaris sled models. Please specify model, so we may pre-program for your sled accordingly:

- * *600R (2021-) for SnoX and Oval/FIII*
- * *600 Indy XC/XCR for Cross Country (2019-)*

** The **Kompact2** is also available for Arctic Cat, Ski-Doo, Link, and Yamaha sleds.

For further information, contact:

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