

SUMMARY OF FEATURES (Sportsman Systems)

| FEATURE | <i>Kompact</i> | <i>SnoPro-Club</i> |
|---|---|---|
| System Type | Small Display Based (3" diag) | Small Display Based (4.1" diag) |
| Power Supply | 9-15VDC External (+ Internal Battery) | 9-15VDC External Power Needed |
| Lap-Timing Included | GPS Lap-Timing | GPS Lap-Timing |
| Engine RPM Pickup | Primary (Inductive Available) | Primary (Inductive Available) |
| Shaft/Speed Inputs | 1 (*w/Special Harness) | 2 |
| Analog Inputs | None | 4 Analog or Temps |
| GPS Mapping | Yes (GPS Built In) | Yes (GPS Built In) |
| ECU Stream Compatible | YES | YES |
| Aux CAN Expansion Capability | 1 Lambda + SmartyCamHD | 1 Lambda + SmartyCamHD |
| Channel Recording Frequency | 1-100Hz/ch (ECU CAN dependent) | 1 - 1000Hz / ch (user selectable) |
| Built-In Channels | Battery Voltage 10 GPS Channels | Battery Voltage + GPS 3 Accel ($\pm 5g$) 3 Gyro (± 300 deg/s) |
| Special Input/Output | RPM (If no ECU) | User CAN I/O Write 2 15Amp Outputs with current limiting |
| Windows PC Connectivity | WIFI only | WIFI + USB |
| Memory Size (Recording time) * | 4Gb (~ 2500+ hr) | 4Gb (~ 2500+ hr) |
| Racer's Kit Includes | Powered ECU Cable AC Wall Charger Setup + Analysis Software | SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software |
| Sensor Cable Type | NONE | 1 Mil-Spec Connector to back of Display |
| Sensor Power Supply | NO | 5.0v regulated & 12V nominal |
| Custom <i>SnoPro</i> Math Analysis | YES (BASIC) | YES (EXTENDED) |
| Notes: | Portable GPS Timing + Trajectory System | Excellent Starter System Easy to transfer from sled to sled |
| Racer's Kit Cost: | \$849 (specify ECU** type) | \$ 1299 for above Kit or ECU** only (add \$150 for both ECU + JSspd/collar) |
| Service Support | 1 yr warrantee on all electronics | 1 yr warrantee on all electronics |

* Logging time based upon standard sampling rates, while engine is running.

** ECU Interface Cable Assemblies for Arctic Cat, Ski-Doo, Polaris, Yamaha available.



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Feature Table 2020-2021
October 1, 2020

SUMMARY OF FEATURES (Pro Systems)

| FEATURE | <i>SnoMAX-S</i> | <i>SnoMAX-V</i> |
|---|---|---|
| System Type | Junction Box (4.2" display available) | Junction Box (4.2" display available) |
| Power Supply | 9-15VDC External Power Needed | 9-15VDC External Power Needed |
| Lap-Timing Included | GPS Lap-timing (Beacon Optional) | GPS Lap-timing (Beacon Optional) |
| Engine RPM Pickup | Primary (Inductive Available) | Primary (Inductive Available) |
| Shaft/Speed Inputs | 2 (expandable) | 1 (4 with 2nd harness) (further expandable) |
| Analog Inputs (user definable) | 5 (expandable) | 4 (8 with 2nd harness) (expandable) |
| GPS Mapping | Yes, w/supplied Antenna | Yes, w/supplied Antenna |
| CAN/Serial ECU Input | RS232, K-Line, 1 CAN bus I/O (user definable) | RS232, K-Line, 2 CAN busses I/ (user definable) |
| Aux CAN Expansion Capability | Yes (Unlimited) | Yes (Unlimited) |
| Channel Recording Frequency | 1 - 1000Hz / ch (user selectable) | 1 - 1000Hz / ch (user selectable) |
| Built-In Channels | Battery Voltage + GPS 3 Accel ($\pm 5g$) 3 Gyro (± 300 deg/s) | Battery Voltage + GPS 3 Accel ($\pm 5g$) 3 Gyro (± 300 deg/s) |
| Special Input/Output | 1 Digital Output | 2 Digital Outputs |
| Windows PC Connectivity | USB (SD card is optional) | WIFI + USB + SD card (all on-board) |
| Memory Size (Recording time) * | 4GB (~1000+hr) | 4GB (~1000+hr) |
| Racer's Kit Includes | GPS Antenna RPM Pickup Shaft Sensor + Collar 1 H2OT + 1 Fast EGT USB Cable Setup + Analysis Software | GPS Antenna Primary Harness Shaft Sensor + Collar 1 H2OT+ 1 Fast EGT USB Cable + SD card Setup + Analysis Software |
| Sensor Cable Type | Individual Plugs to Logger | 2 Mil-Spec Connectors to Logger |
| Sensor Power Supply | 5.0v regulated & 12V nominal | 5.0v regulated & 12V nominal |
| Custom <i>SnoPro</i> Math Analysis | YES (EXTENDED) | YES (EXTENDED) |
| Notes: | Sport/Pro-Lite system with great flexibility | Pro-Level System with limitless logging and expansion. |
| Racer's Kit Cost: | \$1475 (kit) \$1825 (w/dash) (add \$99 for ECU Cabling)** | \$1875 (kit) \$2225 (w/dash) (add \$99 for ECU Cabling)** |
| Service Support | 1 yr warrantee 1 yr phone support | 1 yr warrantee 1 yr phone support |

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