

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	CAN	CAN and 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	CAN/RS232 or Kline	CAN/RS232 or Kline
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	None	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	N/A	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) (add \$150 for both ECU + JSspd/collar)	\$ 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
November 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	CAN and Primary (Inductive Available)	CAN and 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/O (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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