## **SUMMARY OF FEATURES (Sportsman Systems)**

System Type   Small Display Based (3.1' diag)   Small Display Based (3.1' diag)	SolviniAnt Of TEATONES (Sportsman Systems)			
Power Supply	FEATURE	Kompact	SnoPro-Club	
Lap-Timing Included Lap-Timing Included Engine RPM Pickup CAN CAN and Primary (Inductive Available) Shaft/Speed Inputs Analog Inputs None Analog or Temps Yes (GPS Built In) CAN/RS232 or K-line (OBD-II) Aux CAN Expansion Capability CAN ECU CAN dependent) Channel Recording Frequency Built-In Channels Battery Voltage 10 GPS Channels Special Input/Output Windows PC Connectivity Windows PC Connectivity Windows PC Connectivity Remory Size (Recording time)* Powered ECU Cable AC Wall Charger Setup + Analysis Software Sensor Cable Type Sensor Power Supply Notes: Portable GPS Timing + Trajectory System Service Support 1 ty warrantee on all electronics	System Type			
Engine RPM Pickup         CAN         CAN and Primary (inductive Available)           Shaft/Speed Inputs         1 (**w/Special Harness)         2           Analog Inputs         None         4           Analog or Temps         Yes           GPS Mapping         (GPS Built In)         Yes           GPS Built In)         CAN/RS232 or K-line (OBD-II)           ECU Stream Compatible         CAN/RS232 or K-line (OBD-II)           Aux CAN Expansion Capability         1 Lambda + SmartyCamHD           Channel Recording Frequency         1 -100Hz/ch (ECU CAN dependent)         1 -1000Hz / Ch (user selectable)           Channel Recording Frequency         8 Battery Voltage (ECU CAN dependent)         3 Accel (±5g)           Built-In Channels         Battery Voltage (ECU Cable (L5g))         3 Gyro (±300 degt)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)         (-2500+hr)           Racer's Kit Includes         AC Wall Charger Setup + Analysis Software         SnoPro Spec Harness wrRPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software           Sensor Power Supply         N/A         1 Mil-Spec Connector to back of Display A 12V nominal </th <th>Power Supply</th> <th></th> <th></th>	Power Supply			
Shaft/Speed Inputs  Analog Inputs  None  Analog or Temps  Yes (GPS Built In)  ECU Stream Compatible  Aux CAN Expansion Capability  Channel Recording Frequency  Built-In Channels  Built-In Channels  Special Input/Output  Windows PC Connectivity  Windows PC Connectivity  Well Connectivity  Memory Size (Recording time)*  Racer's Kit Includes  Sensor Power Supply  None  Aux Cable (Special Input/Output  None  Aux Cable (Special Input/Output (Special Input/Output)  Aux Cable (Special Input/	Lap-Timing Included	GPS Lap-Timing	GPS Lap-Timing	
Analog Inputs  None  Analog or Temps  Yes (GPS Built In)  ECU Stream Compatible  CAN/RS232 or K-line (OBD-II)  Aux CAN Expansion Capability  1 Lambda + SmartyCamHD  Channel Recording Frequency  Built-In Channels  Battery Voltage 10 GPS Channels  Special Input/Output  None  Beatery Voltage 10 GPS Channels  Special Input/Output  Windows PC Connectivity  Windows PC Connectivity  Memory Size (Recording time)*  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Power Supply  N/A  Portable GPS Timing + Trajectory System  Service Support  1 yr warrantee on all electronics  1 yr warrantee on all electronics  CAN/RS232 or K-line (OBD-II)  CAN/RS232 or K-line (OBD-III)  Aves Lambdas, TC + Analog Expansions + SmartyCamHD  1 - 1000Hz / ch (user selectable  Battery Voltage + Satery Voltage + GPS 3 Accel (±50) 3 Gyro (±300 deg/s)  Wiff + USB  Wiff + USB  Wiff + USB  Adb (a 2 5500+ hr)  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Sensor Power Supply  N/A  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Setup + Analysis Software  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Setup + Analysis Software  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Setup + Analysis Software  Setu	Engine RPM Pickup	CAN		
Analog Inputs  None  Yes (GPS Built In)  ECU Stream Compatible  CAN/RS232 or K-line (OBD-II)  Aux CAN Expansion Capability  1 Lambda + SmartyCamHD  Channel Recording Frequency  (ECU CAN dependent)  Battery Voltage 10 GPS Channels  Special Input/Output  None  Battery Voltage 11 Sayro (±300 deg/s)  Special Input/Output  None  Battery Voltage 11 Sayro (±200 hr)  WiFI + USB  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  Portable GPS Timing + Trajectory System  Service Support  1 yr warrantee on all electronics  Analog or Temps Yes (GPS Built In) Yes (GPS Built In) Yes (GPS Built In)  CAN/RS232 or K-line (OBD-III) CAN/RS232 or K-line (OBD-II) CAN/RS232 or K-line (	Shaft/Speed Inputs	1 (**w/Special Harness)	2	
ECU Stream Compatible  CAN/RS232 or K-line (OBD-II)  CAN/RS232 or K-line (OBD-II)  Aux CAN Expansion Capability  1 Lambda + SmartyCamHD  Channel Recording Frequency  Built-In Channels  Battery Voltage 10 GPS Channels  Special Input/Output  None  Wirl only  Windows PC Connectivity  Wirl only  Memory Size (Recording time)*  Racer's Kit Includes  Sensor Cable Type  Sensor Power Supply  None  CAN/RS232 or K-line (OBD-II)  Yes Lambdas, TC + Analog Expansions + SmartyCamHD  1 - 1000Hz / ch (user selectable)  Battery Voltage + GPS 3 Accel (±5g) 3 Gyro (±300 deg/s)  User CAN I/O Write 2 15Amp Outputs with current limiting  Windows PC Connectivity  WIFI only  WiFI + USB  Memory Size (Recording time)*  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  1 Mil-Spec Connector to back of Display  Sensor Power Supply  N/A  SinoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Sensor Power Supply  N/A  SinoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Sensor Power Supply  N/A  SinoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Setup + Analysis Software  Sensor Power Supply  N/A  SinoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Setup + Analysis Software  Setup + Analysis Software  Excellent Starter System Easy to transfer from sled to sled  \$975  for above Kit or both ECU + JSspd/collar)  Service Support  1 yr warrantee on all electronics	Analog Inputs	None	•	
Compatible  CAN/HS232 of K-line (OBD-II)  Aux CAN Expansion Capability  1 Lambda + SmartyCamHD  Channel Recording Frequency  CECU CAN dependent)  Battery Voltage 10 GPS Channels  Special Input/Output  None  Bestiery Voltage 10 GPS Channels  Special Input/Output  None  WIFI only  Windows PC Connectivity  Memory Size (Recording time) *  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  Portable GPS Timing + Trajectory System  Service Support  1 Vesarch Analog Expansions + SmartyCamHD  1 - 1000Hz / ch (user selectable)  1 Vesarch I/O Write 2 15Amp Outputs with current limiting  WIFI + USB  4Gb (~ 2500+ hr)  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Setup + Analysis Software  Setup - Solv regulated & 12V nominal  YES (BASIC)  Portable GPS Timing + Trajectory System  Easy to transfer from sled to sled  \$975 for above Kit or ECU** only (add \$175 for both ECU + JSspd/collar)  Service Support  1 yr warrantee on all electronics	GPS Mapping			
Aux CAN Expansion Capability  1 Lambda + SmartyCamHD  1-100Hz/ch Frequency  1-100Hz/ch (ECU CAN dependent)  Battery Voltage 10 GPS Channels  Special Input/Output  None  Windows PC Connectivity  Wemory Size (Recording time) *  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  Power Supply  N/A  Sensor Power Supply  Custom SnoPro Math Analysis  Portable GPS Timing + Trajectory System  Service Support  1 Lambda + SmartyCamHD  Lambdas, TC + Analog Expansions + SmartyCamHD  1 - 1000Hz / ch (user selectable)  Battery Voltage + GPS 3 Accel (±5g) 3 Gyro (±300 deg/s)  User CAN I/O Write 2 15Amp Outputs with current limiting  Windows PC  WIFI only  WiFI + USB  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  Setup + Analysis Software  1 Mil-Spec Connector to back of Display  5.0v regulated 8 12V nominal  YES (EXTENDED)  Notes:  Portable GPS Timing + Trajectory System Easy to transfer from sled to sled  \$975 for above Kit or ECU** only (add \$175 for both ECU + JSspd/collar)  Service Support  1 yr warrantee on all electronics		CAN/RS232 or K-line (OBD-II)	CAN/RS232 or K-line (OBD-II)	
T-100H2/Cn			Lambdas, TC + Analog Expansions	
Built-In Channels  10 GPS Channels  10 GPS Channels  3 Accel (±5g) 3 Gyro (±300 deg/s)  User CAN I/O Write 2 15Amp Outputs with current limiting  Windows PC Connectivity  Memory Size (Recording time) *  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  1 Mil-Spec Connector to back of Display  Sensor Power Supply  N/A  Sensor Power Supply  N/A  Custom SnoPro Math Analysis  Portable GPS Timing + Trajectory System  Service Support  1 yr warrantee on all electronics  1 yr warrantee on all electronics  1 yr warrantee on all electronics  Custom SnoPro (specify ECU** type) (add \$150 for both ECU + JSspd/collar)  1 yr warrantee on all electronics		I		
Windows PC Connectivity  Memory Size (Recording time) *  Powered ECU Cable AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  None  None  None  1 Mil-Spec Connector to back of Display  Notes:  Portable GPS Timing + Trajectory System  Service Support  1 yr warrantee on all electronics  VIF1 + USB  WIF1 + USB  Sensor Outputs with current limiting  WIF1 + USB  WIF1 + USB  WIF1 + USB  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  SnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis Software  1 Mil-Spec Connector to back of Display  5.0v regulated & 12V nominal  YES (EXTENDED)  Excellent Starter System Easy to transfer from sled to sled  \$975 for above Kit or ECU** only (add \$175 for both ECU + JSspd/collar)	Built-In Channels		3 Accel ( <u>+</u> 5g)	
Connectivity       WIFT only         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 SnoPro Math Analysis       YES (BASIC)       (EXTENDED)         Notes:       Portable GPS Timing + Trajectory System       Excellent Starter System Easy to transfer from sled to sled         Racer's Kit Cost:       \$975 (specify ECU** type) (add \$175 for both ECU + JSspd/collar)       \$1475 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	Special Input/Output	None		
Racer's Kit Includes(~ 2500+ hr )(~ 2500+ hr )Powered ECU Cable AC Wall Charger Setup + Analysis SoftwareSnoPro Spec Harness w/RPM Pickup Speed Sensor + JS collar or ECU Interface Setup + Analysis SoftwareSensor Cable TypeNone1 Mil-Spec Connector to back of DisplaySensor Power SupplyN/A5.0v regulated & 12V nominalCustom SnoPro Math AnalysisYES (BASIC)YES (EXTENDED)Notes:Portable GPS Timing + Trajectory SystemExcellent Starter System Easy to transfer from sled to sledRacer's Kit Cost:\$975 (specify ECU** type) (add \$175 for both ECU + JSspd/collar)\$1 yr warrantee on all electronicsService Support1 yr warrantee on all electronics1 yr warrantee on all electronics		WIFI only	WIFI + USB	
Racer's Kit Includes  AC Wall Charger Setup + Analysis Software  Sensor Cable Type  None  None  1 Mil-Spec Connector to back of Display Sensor Power Supply  N/A  Sensor Power Supply  N/A  Custom SnoPro Math Analysis  Notes:  Portable GPS Timing + Trajectory System  Syst				
Sensor Power Supply  N/A  Sensor Power Supply  YES (BASIC)  YES  (EXTENDED)  Excellent Starter System  Easy to transfer from sled to sled  Sensor Power Supple Supp	Racer's Kit Includes	AC Wall Charger	Speed Sensor + JS collar or ECU Interface	
Custom SnoPro Math Analysis  Portable GPS Timing + Trajectory System	Sensor Cable Type	None	1 Mil-Spec Connector to back of Display	
Math AnalysisYES (BASIC)(EXTENDED)Notes:Portable GPS Timing + Trajectory SystemExcellent Starter System Easy to transfer from sled to sledRacer's Kit Cost:\$975\$ 1475(specify ECU** type) (add \$175 for both ECU + JSspd/collar)for above Kit or ECU** only (add \$150 for both ECU + JSspd/collar)Service Support1 yr warrantee on all electronics1 yr warrantee on all electronics	Sensor Power Supply	N/A		
System  System		YES (BASIC)		
Racer's Kit Cost: (specify ECU** type) (add \$175 for both ECU + JSspd/collar)  Service Support  (specify ECU** type) (add \$150 for both ECU + JSspd/collar)  1 yr warrantee on all electronics  1 yr warrantee on all electronics	Notes:	, , ,		
		(specify ECU** type) (add \$175 for both ECU + JSspd/collar)	for above Kit or ECU** only	

<sup>\*</sup> Logging time based upon standard sampling rates, while engine is running.

<sup>\*\*</sup> ECU Interface Cable Assemblies for Arctic Cat, Ski-Doo, Polaris, Yamaha available.

## **SUMMARY OF FEATURES (Pro Systems)**

	MINIANT OF FLATORES	
FEATURE	SnoMAX-S	SnoMAX-V
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 ( <u>+</u> 5g) 3 Gyro ( <u>+</u> 300 deg/s)	Battery Voltage + GPS 3 Accel ( <u>+</u> 5g) 3 Gyro ( <u>+</u> 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:	\$1699 (kit) \$2099 (w/dash) (add \$110 for ECU Cabling)**	\$2099 (kit) \$2499 (w/dash) (add \$110 for ECU Cabling)**
Service Support	1 yr warrantee 1 yr phone support	1 yr warrantee 1 yr phone support

<sup>\*</sup> Logging time based upon standard sampling rates, while engine is running.

<sup>\*\*</sup> ECU Interface Cable Assemblies for Arctic Cat, Ski-Doo, Polaris, Yamaha available.

