DATA LOGGERS

**V300SD**
The V300SD data logger is our most popular data logger; in its base configuration you have the ability to monitor Engine RPM, driveshaft RPM, engine vs driveshaft ratio and battery voltage.

- **Features:**
  - 67 Total external sensor inputs
  - 56 V-Net
  - 4 Analog hard wired
  - 4 Digital hard wired
  - 3 Internal Sensors

**Monitors:**
- Engine RPM
- Driveline RPM
- Engine vs Driveline RPM differential
- Battery voltage (internal sensor)
- Acceleration G-Force (internal sensor)
- Lateral G-Force (internal sensor)

**Specifications:**
- V-Net: up to 100 per second
- Analog: up to 1000 per second
- Digital: RPM and switch contacts up to 100 per second
- Memory Up to 16GB SD card

**V500SD**
The V500SD data logger is the best choice if you are looking to log more data at high sampling speed rates. Its base configuration allows you to monitor Engine RPM, driveshaft RPM, engine vs driveshaft ratio and battery voltage.

- **Features:**
  - 67 Total external sensor inputs
  - 56 V-Net
  - 8 Analog hard wired
  - 8 Digital hard wired
  - 3 Internal Sensors

- **Monitors:**
  - Engine RPM
  - Driveline RPM
  - Engine vs Driveline RPM differential
  - Battery voltage (internal sensor)
  - Acceleration G-Force (internal sensor)
  - Lateral G-Force (internal sensor)

**Specifications:**
- V-Net: up to 100 per second
- Analog: up to 1000 per second
- Digital: RPM and switch contacts up to 100 per second
- Memory Up to 16GB SD card

**Sportsman**
The Sportsman Data logger is an economical solution that utilizes the same hardware and software as our professional series data recorders. The base kit includes a driveshaft sensor and collar so you can start maximizing your runs sooner.

- **Features:**
  - 21 total channels
  - 8 EGT Sensor outputs available (EGT’s not included)
  - 7 internal and external
  - 6 V-Net

**Monitors:**
- Engine RPM
- Driveline RPM
- Battery voltage
- Acceleration G-Force
- Lateral G-Force
- 12 Volt event

**Specifications:** V-Net: up to 100 per second

**Heroes:**
2 Channel Upgrade 610-UG-SPRT2
4 Channel Upgrade 610-UG-SPRT4
IQ3 Display Dash
The IQ3 is a fully programmable LCD digital dash that has a single cable sensor input which provides easy installation and reduced wiring complexity, and is compatible with all our V-Net devices.

Specifications:
- 4 Programmable display pages
- User defined 5 character input names
- User defined shift lights and warning lights
- Blue backlight

In the Box:
IQ3 Data Logger Dash
Power/Ground/Engine RPM/Remote Programming harness
Rear V-Net connector
Programming cable
DatalinkII Software
Installation Manual (on CD)

UDX Display Dash
The UDX Display Dash is capable of being utilized with any of Racepak’s V-Net series data recorders.

Specifications:
- Display up to 21 sensor inputs via 4 pages
- Adjustable backlighting
- User defined warning lights
- Minimum/Maximum recall

Display Dash Provides:
Any 21 sensor inputs
Shift Light output
Warning lights

In the Box:
UDX Display Dash
Installation Manual (on CD)

UDX Replay Dash
The UDX Replay Dash provides the ability to record up to 10 minutes of data while functioning as a full feature LCD display dash. The unit comes with a wiring loom and sensors for engine RPM, water temperature, oil pressure and battery voltage. Other sensors maybe purchased separately.

Specifications:
- Display up to 21 sensor inputs via 4 pages
- Adjustable backlighting
- User defined warning lights
- Minimum/Maximum recall

Display Dash Provides:
Any 21 sensor inputs
Shift Light output
Warning lights

In the Box:
UDX Display Dash
Water Temperature Sensors
Oil pressure sensor
Wire loom and connectors for sensor input

LDX Logger Dash Extreme
The LDX Logger Dash combines a digital display dash with an internal data recorder, creating a compact all-in-one data acquisition system. Utilizing the V-Net system this unit has the ability to record up to 37 sensor inputs.

Channels
- 37 Total
- V-Net: 32 digital/analog
- Harness: 5 (engine RPM, driveshaft RPM, water temp, oil pressure, volts)

Monitors:
- Engine RPM
- Driveshaft RPM
- Water Temp
- Oil Pressure
- Battery

Racepak DRAG
POWER DISTRIBUTION MODULE AND SENSORS

SmartWire
SmartWire is a simple yet high tech power distribution module – it eliminates fuses and relays, simplifies wiring solutions and gives you the power and control to switch any electronically controlled device in your vehicle, whether it’s lights, electric fans or fuel pumps.

**Capacity:**
- 125 Total Amps
- Channels:
  - 30 Total Channels
  - 8 channels at 20 amp max
  - 22 channels at 10 amp max
- 12 Hardwired switch inputs

**Data Output:**
- Volts
- Amps
- State
- Response: 3.0 milliseconds

Racepak carries a full range of V-Net Modules and sensors to easily add to your data logging system and allow you to obtain a wide variety of information from temperature sensors to pressure and vacuum sensors.

**V-net Modules and Sensors**

**PRESSURE**
- Manifold
- Boost
- Exhaust
- Back Pressure
- Fuel Pump Pressure
- Nozzle
- Carburetor Fuel Pressure
- Nitrous Bottle Pressure
- Nitrous Fuel Pressure
- Engine Oil Pressure
- Water Pressure
- Transmission Pressure
- Pan (Crankcase) Pressure

**TEMPERATURE**
- Water Temperature
- Cylinder Head Temperature
- Engine Oil Temperature
- Manifold Intake
- Air Temperature
- Intercooler In and Out Temperature
- Rear End Oil Temperature
- Transmission Oil Temperature
- EGT (single cylinder or cylinder bank)

**RPM**
- Engine RPM (Battery Ign or Magneto Ign)
- Driveshaft RPM
- Front Wheel RPM

**ACCESSORIES**
For ease of installation be sure to review the accessories available from Racepak including V-Net extension cables, mounting brackets and programming buttons.

- Air Fuel Ratios (single or multiple)
- Fuel Flow (GPM)
- Throttle Position (0-100%)
- Suspension Travel
- V-Net Extension Cables from 6” - 216”
- V-Net Tee Cable 9” - 36”
- Terminator Cap
- Molex Cables
- Magnets
- IQ3 External Programming Buttons
- IQ3 Mounting Bracket
- IQ3 Mounting Panels
- IQ3 Protective Cover
- G2X Pro Mounting Bracket