DATA LOGGERS

G2X PRO
The G2X PRO is the ultimate data logger for more complex logging requirements. Featuring 71 channels of logging ability you can measure suspension ride height and travel, steering position, as well as all the other regular engine parameters.

Features:
72 Total external sensor inputs, 56 V-Net, 8 Analog hard wired, 4 Digital hard wired, 4 Internal

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 microSD card

Monitors:
Engine RPM
Driveline RPM
Driveline RPM differential
Battery voltage
Acceleration G-Force
Lateral G-Force

G2X
With a built-in GPS the G2X has the ability to provide track mapping, lap times/number/distance and segment times essentially becoming a data logger for the driver to improve their lap times. This is in addition to monitoring critical engine information.

Features:
16 Total Channels
12 V-Net
4 Internal

Specifications:
- V-Net: up to 100 per second
- Memory Up to 16GB microSD card

Internal Sensors:
Battery Voltage
Longitudinal G-meter
Lateral G-Meter
GPS

G2X LED Dash Display
Enhancing the features of the G2X and G2x Pro is the versatile digital display dash that will provide the driver with a display of lap times, lap number, per lap gain/loss, gear indicator, progressive shift lights, battery voltage and G-forces all through a single cable connection to the data logger.
**INSTRUMENTATION**

### IQ3 LOGGER DASH/ IQ3 DISPLAY DASH
The IQ3 is a fully programmable LCD digital dash that can be purchased as a logger or just for instrumentation. The single cable sensor input provides easy installation and reduced wiring complexity.

**Features:**
- 16 Total Channels
- 12 V-Net
- 4 Internal

**Specifications:**
- 4 Programmable display pages
- User defined 5 character input names
- User defined shift lights and warning lights
- Internal GPS
- 3 Axis 6 meter (accel, lateral, vertical)
- Up to 16GB microSD card
- Blue backlight

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

**IQ3 Logger Dash Only**

### UDX Display Dash
The UDX Display Dash is capable of being utilized with any of the 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 may be 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
**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 just to name a few.

**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)
  - CylFuel 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

---

**FRM 32064**