

Hyper Fest **U.S. DRIFT**

**89**

Clarion



**WyoTech**

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**Racepak**  
A HUG Performance Company



# DATA LOGGERS



600-KT-G2X-PRO

## 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



600-KT-G2XRND

## 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.

### 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

### Features:

16 Total Channels  
12 V-Net  
4 Internal



### 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, batter voltage and G-forces all through a single cable connection to the data logger.

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# 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

**250-DS-IQ3** - Display Dash  
**250-DS-IQ3LD** - Logger Dash

### Features:

- 37 Total Channels\*\*
- 32 V-Net Digital/Analog\*\*
- 5 Internal\*\*

### Specifications:

- 4 Programmable display pages
- User defined 5 character input names
- User defined shift lights and warning lights
- Internal GPS
- 3 Axis G 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



**250-KT-UDX**

## 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)

**250-DS-UDXRP**

## 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



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# POWER DISTRIBUTION MODULE AND SENSORS



500-KT-SW30

## SmartWire

### 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

### VACUUM

- Manifold/Pan (Crankcase)

### 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 to 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



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