



News!

Subject: Data Logger records from J1587/1939 vehicle buses and standard sensors

Release Date: Immediate

**Feb 1, 2001: Logic Beach Inc., La Mesa, CA.** Logic Beach Inc. introduces a new Vehicle Bus Interface Module for its HyperLogger™ data loggers. The HyperLogger is a self-contained battery powered data logger that is fully field configurable for up to 24 analog or 48 digital inputs. With the introduction of the Vehicle Bus Interface Module the HyperLogger is now able to collect data directly from the vehicle bus as well as ancillary sensors making for a more complete diagnostic tool and allowing the monitoring of a variety of engine and vehicle parameters regardless of the sensor source.

The HyperLogger data logger utilizes HyperWare™, Logic Beach's unique proprietary software, which provides programming, communications, real-time display and data post-processing environments for both the HyperLogger and ModuLogger product line. HyperWare's strength lies within its unique graphical "drag and drop" programming capabilities and it is this feature around which the Vehicle Bus Interface Module design has evolved.

Typically programming of a data logger involves writing lines of code to instruct the data logger for each unique data logging task or vehicle bus. This task becomes very complex when considering the varying serial protocols on vehicle communication buses. HyperWare and the Vehicle Bus Interface Module simplify this task by displaying to the data logger User a library of available serial bus signals for the vehicle under test. The User then selects the bus signals they wish to monitor and the signal's data points will then appear as icons that can be programmed within HyperWare, much the same way as any standard sensor with a mA or Vdc output. At this point the process of programming is simplified to "point and click", from setting sampling rates to

creation of simple or complex intelligent and conditional logging scenarios, all programming and communication is easily accomplished.

Logic Beach is working with a major industrial engine manufacturer to combine the conventional hardwired sensor signals data collection capabilities of the HyperLogger portable data logging system with the information generated by their proprietary vehicle bus system. The first bus to be completed is J1587/1939 with a full array of other serial buses to follow. A primary goal of the development effort was to insure the Vehicle Bus Logging feature would capitalize on the strengths of HyperWare while enhancing the field-proven HyperLogger.

Logic Beach Inc. designs, manufactures and supplies portable data logging and acquisition systems to a wide variety of industries and users. The entire range of portable data loggers operate with Logic Beach HyperWare™ configuration software, providing the industry's most powerful programming capability with an intuitive graphical interface. Specializing in ruggedized, programmable systems, Logic Beach Inc. offers a variety of modular data logging solutions for system integration to stand alone applications. Since 1986, Logic Beach has been "The authority in unrestricted data logging systems". During the upcoming SAE 2001 World Congress, the complete line of Logic Beach products will be on display in Booth 5226.

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