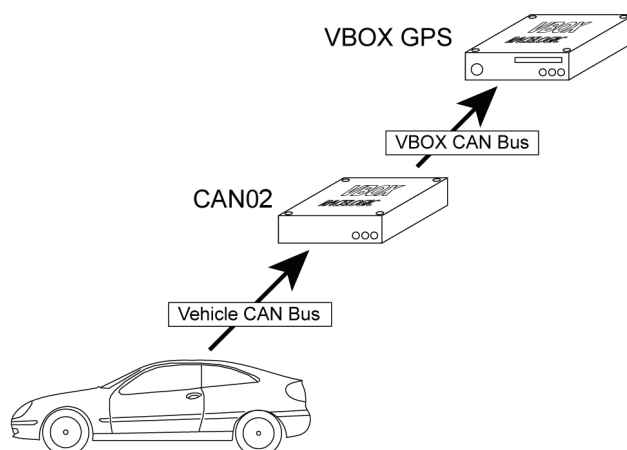# Vehicle CAN Interface

(RLVBCAN02)

Racelogic's vehicle CAN interface (RLVBCAN02) is designed to allow logging of vehicle CAN bus data by the Racelogic VBOX. Acting as a gateway, it collects user defined CAN messages from the vehicle bus and transfers them to the VBOX.

Transfer of VBOX data to the vehicle bus is blocked to prevent unnecessary bus loading. The CAN02 also allows CAN data to be scaled and offset before it is sent to the VBOX to provide real data values in the VBOX log file.

Features

- 125Kbit, 250Kbit, 500Kbit & 1Mbit CAN rates
- Up to 16 separate CAN parameters
- Scale & offset data to record real values
- Blocks VBOX data from vehicle CAN bus
- Optional vehicle data sets available on request

Specification

Input Channels	16 x CAN data channels from vehicle or other CAN bus.
Input Data Type	From 1 bit to 32 bit. Intel / Motorola format. Signed/Unsigned. Selectable start bit.
Output Channels	16 x CAN data to VBOX
Output Data Type	User configurable. Scaling and offset adjustable to provide real values
Power Supply Voltage	+9 to +18 VDC
CAN Type	CAN 2.0A or CAN 2.0B compatible
Baud Rates	125Kbits/s, 250Kbit/s, 500Kbit/s, 1Mbit/s
CAN Termination resistor on vehicle bus side	Not fitted
Configuration	Via VBOX/VBOXTools and Stand Alone module setup software for Stand Alone use.