GPS Module

The Life Racing GPS Module is a compact low mass unit capable of tracking vehicle speed by GPS position at 10Hz. The unit features a built-in 3-axis acceleration sensor for measuring Lateral, Longitudinal and Vertical g forces. The module connects to all Life Racing ECUs via the CAN network. Using LifeView PC software, track maps can be created and sessions analysed quickly and easily.

Specification
- 10Hz GPS tracking with CAN 2.0B connection to Life Racing ECUs
- 3 axis g ± 3g x, y, z

Power Supply
- 6V to 28V DC

Physical
- Ruggedized plastic moulded water resistant case
- 12 way Deutsch connector
- Maximum dimensions including the connectors are 140 x 120 x 36 mm
- Operating temperature -25 to +85°C
- Total mass ~245g

Pinouts
- Mating Connector DTM06-12S
- Pin1 = BATTERY SUPPLY
- Pin3 = CAN HI (1)
- Pin4 = CAN LO (1)
- Pin6 = POWER GROUND

FOOTNOTES:
(1) Connects to Life Racing ECU’s CAN#01, no termination resistor fitted