

GPS-AG50

The Life Racing **GPS-AG50** is a compact low mass unit capable of tracking vehicle speed by **GPS** position at **50Hz**. The unit features a built-**6-axis** motion pack for measuring Lateral, Longitudinal and Vertical g forces as well as roll pitch and yaw rates. The module connects to any device via the CAN network.



Specification **50Hz GPS tracking with CAN 2.0B**
3 axis acceleration $\pm 8g$ lat, long, vert
3 axis gyroscope $\pm 1000deg/s$ pitch, roll, yaw
Configurable frame identifiers and cut-off frequencies

Power Supply **6V to 28V DC**

Physical **CNC machined sealed, black anodised aluminium case**
6 way Deutsch Autosport connector
Maximum dimensions including the connectors are 58 x 50 x 20 mm
Operating temperature -25 to +85°C
Total mass ~ 65g

Pinouts **Mating Connector ASX602-06SN-HE**

- Pin1 = BATTERY SUPPLY
- Pin2 = CAN HI
- Pin3 = CAN LO
- Pin4 = POWER GROUND
- Pin5 = CAN TERMINATION ⁽¹⁾
- Pin6 = CAN TERMINATION ⁽¹⁾

FOOTNOTES:

⁽¹⁾ Link these pins for CAN termination

