

GL-101 GPS Data Logger



NEW!



The **GL-101** unit is a powerful L1 GPS Data Logger designed for logging distance travelled, date, time and purpose (Business or Private) as well as position of end location, using SiRF StarIII GPS chipset, fast TTFF and I/O support. Data will be logged and calculated automatically onto flash memory and SD card. Downloading the data from the GL-101, saving it as an Excel spreadsheet can easily be done via the GL-101 software Utility.

Features:

A. On board motion sensor

The onboard motion sensor will detect the movement of the GL-101. When movement occurs, the GL-101 will log the distance travelled, date, time and travel mode (Business or Private) as well as position of end location, for each separate trip.

B. Travel Mode Selection (Button cable)

External button cable can be connected to GL-101. When the button is pressed, GL-101 will toggle and change the travel mode to either "Business" or "Private".

Applications:

- Fleet travel log management
- Personal travel management
- Easy travel data storage for tax purposes
- Solid proof for existence of GPS signal
- Recording for simulating NMEA or RF-Files on a gps simulator

Specifications:

Hardware	
Chipset	SiRF Star III, GSC3f/LPX (Digital, RF in a single package)
GPS Receiver	Acquisition Time
	Cold < 35 sec. TTFF (Time To First Fix)
	Warm < 35 sec. TTFF
	Hot < 1 sec. TTFF
Frequency	L1 1575.42MHz
Memory	32 MB
Battery Power	3.7V DC Li-Ion Battery, 850mA (Future version Li-ion polymer battery)
External Power	8-35V DC
Power Consumption	< 180mA @12V
Antenna	Embedded
I/O	2 (Switching between B and P)
Operating Temperature	0- 60 C
Relative Humidity	5% to 95%, non-condensing
Firmware	
Log the distance traveled, data, time and purpose (Business or Private).	
When the logger is stationary for 10minutes, the distance is calculated and logged.	
When travelling and the mode changes, the distance will be calculated and marked to the existing mode first, then start logging the distance in the new mode.	
Software	
For download the data from GPS logger.	
Easy utility to save data as an Excel spread sheet.	
Compatible with windows 2000, XP, Vista and Windows 7	
Accessory	
(1) 2M Cigar charger	
(2) 850mAh Li-Polymer battery	
(4) 2M Button cable	
(5) 1M AP Cable	
(6) 32 MB Micro SD card	

Package Content:



2M Button Cable



32MB Micro SD Card



Cigar charger



AP Cable



User guide
and utility