



GPS Data Logger

Model: GL-101



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The GL-101 unit is a powerful 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. Onboard 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

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	32MB	
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		
(3). 2M Button cable		
(4). 1M AP Cable		
(5). 32MB Micro SD card		

Package Contents



2M Button Cable



32M
Micro SD Card



Cigar charger



AP Cable



User guide
and utility