

## PRODUCT CODE

### FLT-3 (Fleetminder Micro)



## Product DESCRIPTION

*GSM+GPS Security and Asset Locator Module*

*GPRS+GPS Real-time Tracking and Monitoring Module*

## NARRATIVE

- The Fleetminder is capable of transmitting data via GSM or GPRS at set intervals. The location, speed and direction can also be transmitted in SMS or email format. Real time or periodic logged data can be tracked on mapping software.
- The Fleetminder is easily programmed for specific requirements. Changes to the Fleetminder setup can be done through SMS or emailing the module.
- Each Fleetminder module can be easily programmed by the user to have a unique identifying label, to your requirements.
- The Fleetminder comes with an internal backup battery that provides 48 hours of battery life in standby mode.
- Fleetminder can be interfaced into diagnostics or other electronic equipment to send data via GPRS.
- Fleetminder comes with two output and two input triggers but can be expanded to five triggers if required.
- Fleetminder works on GSM and Next G networks.
- The compact size of this unit (51x23x80mm) means the Fleetminder Micro can be mounted anywhere.
- Fleetminder has been successfully sold in Australia for the past 18 months.

## Features

**SMS:** reporting of vehicle location, speed and direction direct to users mobile phone or to pc via sms

**Email:** email of Logged data of vehicles location and event history via user supplied email address.

**GPRS:** live tracking of vehicle with suitable server software











**2 x digital inputs:** typically used for automotive security with outputs being arm and alarm. However can be configured for other purposes.

**2 x transistor outputs** for controlling external relays such as lights, central locking, starter motor, etc.

Ultra small size with and internal backup battery integration allows unit to be concealed in the tightest of spaces.

**External GPS and GSM antennas** allow for excellent GPS and GSM reception in the most awkward installation sites. SIM card can be easily inserted and removed on demand by end user.

## SPECIFICATIONS

<b>Power consumption</b> 	IDLE: 10mA @ 12V Online: 60mA @ 12V Charging: 100mA @ 12V Integrated high efficiency power supply accepts Voltages from 12 and 24 battery systems.
<b>Operating Temperature</b> 	Temperature in normal operating conditions $-10^{\circ}\text{C} \div +55^{\circ}\text{C}$ extreme operating conditions* $-30^{\circ}\text{C} \div +80^{\circ}\text{C}$ storage conditions $-30^{\circ}\text{C} \div +85^{\circ}\text{C}$
<b>Vibration Test</b> 	$10 \div 12\text{Hz ASD} = 1.92\text{m}^2/\text{s}^3$ $12 \div 150\text{Hz} -3\text{dB/oct}$
<b>GPS</b> 	SIRF III 20 Channel High Sensitivity Chipset integrated into GSM radio.
<b>GSM</b> 	TELIT GE863-GPS QUAD BAND EGSM INCLUDES GPRS CLASS 10 EMBEDDED TCP/IP STACK, EMAIL and FTP capable.
<b>Housing</b> 	51x23x80mm Extruded Aluminum Weight approx 300 grams.
<b>Battery</b> 	Internal 880mAH Sanyo Lithium Ion Cell with integrated safety electronics.
<b>General Purpose Outputs</b> 	2 x 100mA transistor outputs for controlling external relays. (switched to ground)
<b>Microprocessor</b> 	PIC18LF4620 (Low Power Microprocessor) with 128kByte of Flash
<b>Flash Memory</b> 	1MegaByte Flash for storing log of location data and events. This capacity is capable of storing several weeks of data. Expandable to Megabytes (special orders).