



THE PUG



This GPS tracking device will follow and locate any vehicle with absolute accuracy and ease.

The device is powered by the vehicle battery either through the cigarette lighter or cabled to the battery; a built-in battery enables it to function independently for limited periods of time.

An electronic logbook and a timekeeping system are available as optional extras.

Designed for individual vehicles or fleet management of:

- Cars and rented vehicles
- Taxis
- Trucks & vans
- Trailers
- Buses
- Construction machinery



Technical specifications

Dimensions & weight	85mm x 56mm x 20mm (WxLxH): Weight approx. 90g (+ 1m of cable)
GSM/GPRS unit	Telit GE864-Quad module 850/900/1800/1900 MHz GPRS class 10, class B TCP/IP (Internet via PFAL commands)
GPS unit with internal antenna	50-channel GPS receiver A-GPS online/offlinesupport Protocols: NMEA, GGA, GGL, GSA, GSV, RMC, WGS-84 Accuracy: Position < 2.5m; SBAS < 2m (satellite-based augmentation systems) Operable after: TTFF hot start \varnothing < 1s; TTFF warm start \varnothing < 29 s; TTFF cold start \varnothing < 29 s Sensitivity: Recording -160 dBm; Tracking -160 dBm (12 dBHz); cold start -144 dBm Limits: Speed 500m/s (972 knots); sea level 50,000m
Temperature range	-20 °C to +60 °C/Charge from 0 °C to +45 °C
Processor	ARM7/TDMI; memory 8MB Flash/2MB RAM
Electrical properties	Power supply: +10.8 V to +32 V DC; backup battery (optional)
Motion sensor	3-axis motion sensor
Interfaces	2 inputs/outputs, 1 configurable digital/analog input with open collector output (100 mA), 1 digital input (IGN), RS232 (RX, TX V24 level), SIM card reader for 1.8/3 V SIM cards, 3 programmable LEDs 1 programmable button
Delivery includes	GPS/GSM module, adapter for attaching to the cigarette lighter, suction cup for attaching to the windscreen, optional SIM card for mobile communication and set of cables for attaching to the vehicle's powersupply