

Big Watcher™

Fleet Management & Tracking System



The Big-Watcher™ is a high performance GPS tracking and monitoring device; with CANBUS capability, pay as you drive & driver behaviour solutions. It easily mounts on any vehicle, truck, boat or any other moving object that needs accurate and reliable location and monitoring.

The Big-Watcher™ can monitor a whole range of functions affected by driving technique, real time location, direction, speed, acceleration or deceleration. When integrated with the vehicle's data system, it will also capture data from the engine management system.

The Big-Watcher™ is flexible enough to be easily integrated into existing logistics, fleet management or other solutions.

The Big-Watcher™ offers the following unique capabilities:
Along with our line of alarm/immobilizer devices, the Big-Watcher™ can act as an anti-theft and anti-tamper device, voice option, geo fencing, VSS, key pad (driver ID), analogue inputs, digital inputs, outputs and more.

Big Watcher™

Fleet management & Tracking Solution

Product's Kit

Main unit
Wiring installation harness
GPS Antenna



Technical Information

Hardware components

GSM:	Telit - 864QUAD. Quad-band EGSM 850/900/1800/1900. Antenna - External. Integrated SimCard reader.
GPS:	iTrax3216. 12 channels - High sensitivity. Antenna - External.
Inputs:	7 variable inputs – 1 for ignition, 6 for general purpose. VSS input.
Outputs:	3 open collector outputs up to 150mA.
Communication Method:	TCP/IP over GPRS. GPRS with SMS backup. GPRS/SMS – only. GPRS with Data logger backup.
Serial Communication:	Communication Bus single-wire protocol to communicate with external devices. RS232 for configuration/diagnostic of the unit. Onboard CANBUS Transceiver (Optional).
Other Components:	2 Status leds. Onboard RF Transceiver 433.92 MHz (Optional). Hands-Free connector.

Electrical characteristics

Operating Voltage:	8v-32v DC.
Current consumption:	Active (GSM/GPS) ~ 70mA.
Backup Battery:	External 12V DC, 1.3 AH (optional).

Other characteristics

Temperature Range:	Normal Operation -30°C to +80°C.
Dimensions (HxWxL):	36mm x 107mm x 71mm.
Weight:	0.210Kg.
Enclosure:	Aluminium Extruder + Plastic panel.