



V100 Vehicle Tracker

Designed primarily as a general purpose vehicle tracking device, the V502 / V100 offers excellent affordable features in one complete kit.



The unit offers the following standard features on the foretrack service:

- Journey start, stop and IO notifications over GPRS
- SMS and Email notification of alarm conditions
- Logging to memory when GPRS is offline

The unit offers the following extended features on the foretrack service:

Ignition enable / disable command support
 Adaptive logging based on distance and turns
 Parameters gully programmable over the air via GPRS / SMS

Features:

- Vehicle tracking
- Panic button
- Turn by turn reporting
- Voice calling
- Ignition inhibit

Technical Specifications:

Specification	V100
Size	(L/W/H): 82.5 x 45 x 15mm
Power Supply	6-30 volts DC
Power Consumption	GPS + GSM ON 25 mA, GSM ON / GPS OFF 7 mA, GPS + GSM OFF 2 mA
Operating Temperature	Operating -20 to +55 C, Storage -30 to +85 C

GSM Module:

Type: E-GSM/GPRS Modem

- 2 Watts (E-GSM900 Class 4)
- 1 Watt (GSM1800 Class 1)
- GPRS class 10

Operating Frequency*:

- GSM up-link (TX) : 824 – 849 MHz, 880 – 915 MHz, 1710 – 1785 MHz, 1850 – 1910 MHz
- GSM down-link (RX): 869 – 894 MHz, 925 – 960 MHz, 1805 – 1880 MHz, 1930 – 1990 MHz

*Please note there are 2 versions of this product, please consult manufacturer as to which product operates in which geographical location (V100U1 / V100U2)

GSM Antenna:

- MCX Connector. Options available

GPS Module:

- L1 receiver: 12 channels
- Position accuracy: 3m CEP, 6m 2DRMS
- Velocity accuracy: 0.2m/s (50%)
- Time accuracy: 20nS RMS
- Receiver sensitivity: -152dBm (tracking)
- Time to first fix: – Cold start 35 sec – Hot start 8 sec – Quick start 3 sec – Re-acquisition 1 sec (after 5 minute signal blackout)