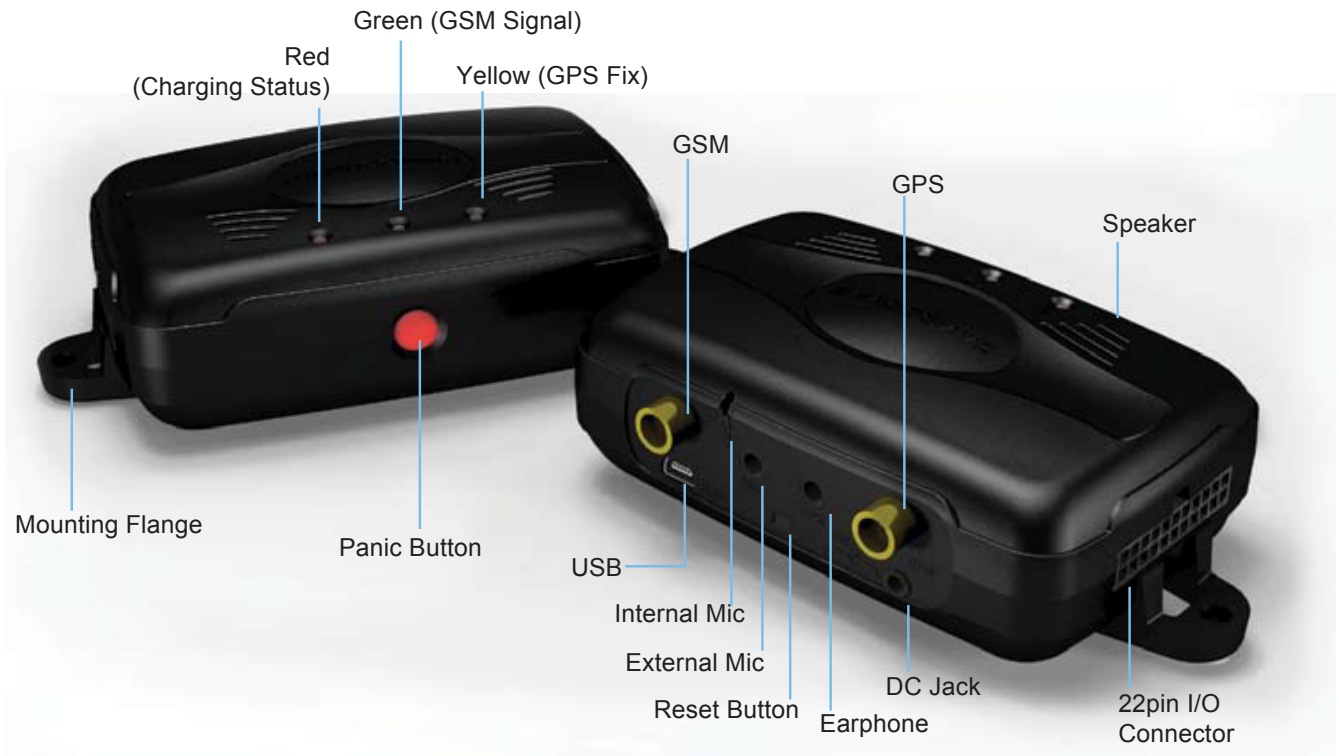


EaziTRAC 1000



Features

- Cell ID report for location tracking when GPS signal is weak.
- Programmable accelerometer setting for motion detection.
- Mileage counters for distance notification.
- Low power detection for battery and external power source.
- Tamper sensing of antenna to alert remote host.
- Configuration and send data Over-The-Air (OTA) via SMS (GSM) and TCP/UDP (GPRS).
- Configurable up to 10 SMS number lists, 10 GPRS profiles, 10 TCP/IP addresses and 10 UDP/IP addresses.
- 20 programmable text message lists, 20 event definitions, and programmable device ID.
- Communication protocols: GSM (SMS), or GPRS (TCP/UDP) connection.
- Watchdog timer to prevent firmware lockup.
- Internal or external GSM, GPS antenna.
- Panic button and over speed detection to alert remote host.
- Allows switch over between two SIM cards for border crossing.
- 20 programmable geographical fences.
- Driver identification.
- Reset with KEY-ON function.
- Memory capacity of up to 5000 standard reports.
- GPS with Dead Reckoning. (continuous tracking when satellite signal is lost)
- Allows two-way voice call.
- Allows silent listen-in (mic "ON" with speaker "OFF").

Applications

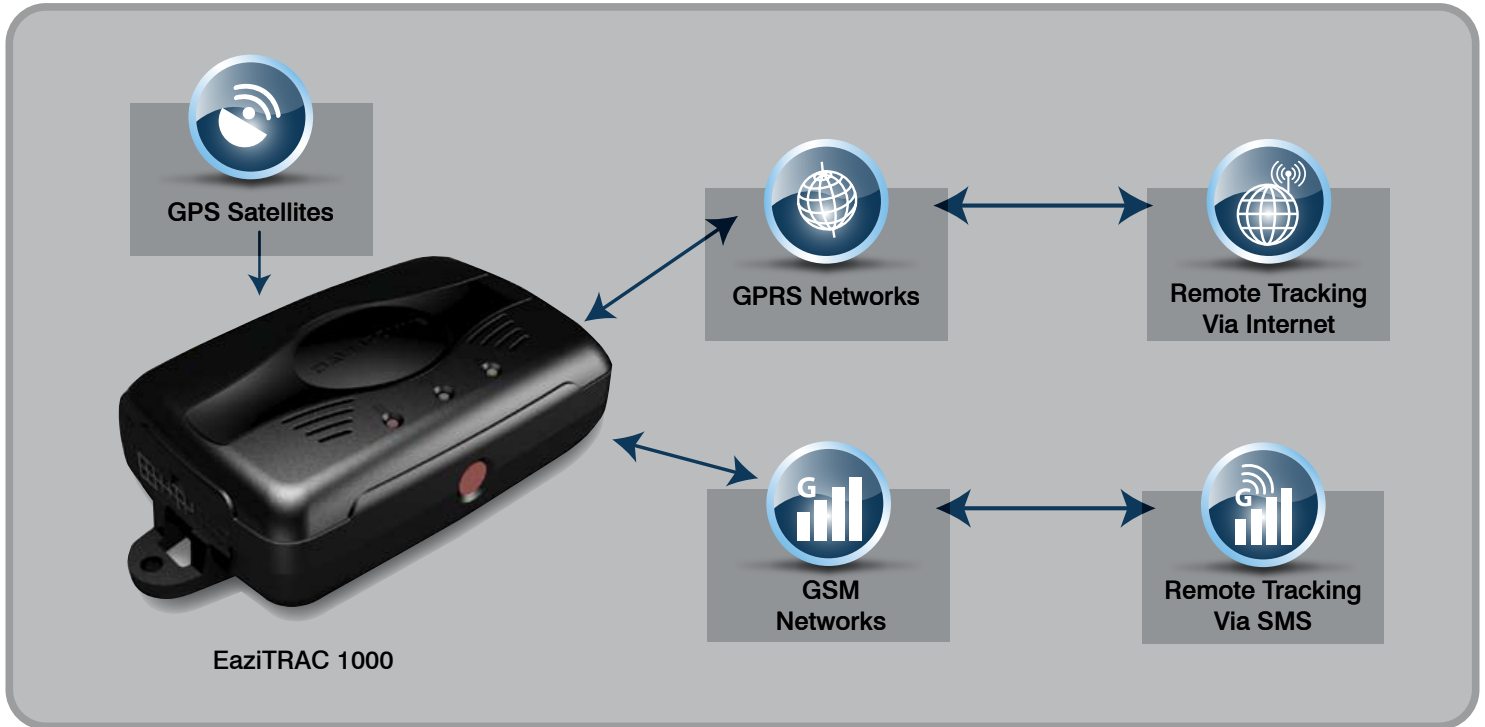
- Vehicle tracking device.
- Anti-theft (with motion detection).
- Location, Monitoring and Tracking.
- Emergency alert with panic button.
- Tracking without GPS signals. (Tunnels, underground parking lots, etc, with Dead Reckoning tracking.)

DAVISCOMMS

Daviscomms (S) Pte Ltd | Blk 70 Ubi Crescent, #01-07
Ubi Techpark, Singapore 408570
Tel: (65) 65471127 | Fax: (65) 65471129
www.daviscomms.com.sg



System Architecture



Specifications

- Product Size : 137(L) x 71(W) x 39(H)mm
- Weight : 120 grams (including battery)

Environment Specification

- Operating temperature range:
 - -20 to +60°C (with internal battery)
- Storage temperature range:
 - -40 to +80°C

GSM Module Specifications

- Quad Band : GSM (850/1900 / 900/1800)
- GPRS : Multi-slot Class 10
- SIM Card : Supports 1.8V and 3V SIM Card

GPS Module Specifications

- Frequency : L1 (1575.42MHz)
- Output Protocol: NMEA 0183 / UBX Binary
- Accuracy : Position 2.5m (CEP)
- Sensitivity : -160dBm
(Tracking and Reacquisition)

Electrical Specification

- RS232 communication port (RS232 or TTL)
- Programmable Digital/Analog Input/Output ports:
 - 4 Programmable Input ports (30V)
 - 4 Programmable sink/source Output ports (30V / 1.2A) / Input port (30V)
 - 1 Programmable sink/source Fail-safe Output port (30V / 1.2A)
 - 1 Programmable Analog Input port (balance)
 - 1 Programmable Analog Output port (30V / 10mA)
 [Typical application (4 Input ports, 4 Output ports and 1 Fail-safe)]
- Operating Voltage: 8 ~ 30V
- LED indicator: 1 X for GSM signal,
1 X for charging status
1 X GPS fix