

erco & gener

L'esprit modem >>



Entirely dedicated to personal security and personnel tracking, the GenTrack 11e combines GSM/GPRS, GPS and voice functions in a single robust case.

Autonomous and discreet, the GenTrack 11e integrates GSM and GPS antennas as well as new technology rechargeable batteries. The GPS information may be transmitted by SMS, GSM or GPRS data communication. Its ergonomic design, buttons and indicators as well as voice

management (microphone, loud-speaker, volume control, audio jack) make it a very simple system to use.

The GenTrack 11e is Quad-Band (850/900/1800/1900 MHz) GSM/GPRS Class 10. The high sensitivity, fast acquisition GPS solution ensures the reception of GPS data in difficult environmental conditions.

Embedded connectivity IP protocols associated with configurable event management allow the rapid realisation of high value-added embedded telematic solutions.

## GenTrack 11e

- **MINI-TRACKER  
GPS / A-GPS**
- **COMMUNICATION  
GSM / GPRS**
- **VOICE MANAGEMENT**
- **2 PROGRAMMABLE  
BUTTONS**
- **4 LEDS**
- **MOVEMENT  
& VIBRATION  
DETECTION**
- **GEO-FENCING**



## TECHNICAL CHARACTERISTICS

## GenTrack 11e

### GSM / GPRS FEATURES

- E-GSM Quad-band 850/900/1800/1900 MHz
- ETSI GSM Phase 2+
- Class 4 (2W @ 850 / 900 MHz)
- Class 1 (1W @ 1800 / 1900 MHz)
- GPRS Class 10 (Up to 4Rx / 2Tx)
- Supports PBCCH, coding schemes: CS1 to CS4
- Libraries (PPP, TCP/PAD, UDP/API, UDP/PAD, CMUX)
- CSD: asynchronous data circuit, transparent and non-transparent up to 9600 bits/s
- SMS PDU, MT/MO et SMS CB (Cell Broadcast)
- Voice management:  
FR, EFR/ HR (Enhanced Full Rate / Half Rate), AMR

### GPS FEATURES

- Reception and tracking of up to 14 satellites
- Compatible 3GPP A-GPS
- Acquisition time:
  - Cold start: 70 sec @ 10m
- Protocols:
  - NMEA
  - SUPL (Secure User Plane Location)

### FUNCTIONS

- General configuration by AT commands
- Movement / vibration detection
- Configurable event management by AT commands:
  - Geo-fencing: up to configurable 25 zones
  - Battery charge level
  - Internal memory usage
  - Automatic wake-up of modem (wake up time)
  - Activation time of modem (keep alive)
  - Tone output depending on pressed buttons
  - Programmable transmission modes (port USB, SMS, GPRS, TCP/API)
  - Total distance travelled
  - Events on incoming call (ring, vibration, silence)

### INTERFACES

- Supplied with belt-clip
- Supplied with USB 2 cable (Type A Male / Type Mini B Male)
- Internal GSM / GPS antennas
- SIM reader (SIM 3V) accessible via battery compartment
- Mini USB connector for supply and data transfer
- Audio jack 2.5mm
- 4 LEDs: CALL, ON, GPS, BAT

### AVERAGE POWER CONSUMPTION

- Rechargeable Li-Ion 1340mAh battery
- GSM on standby: 100µA
- 1TX / 1RX: 150mA
- 1RX: 75mA

### ENVIRONMENTAL & MECHANICAL

- Operating temperature: -30°C to +70°C
- Storage temperature: -40°C to +85°C
- Relative humidity: up to 95%
- Height 100.4 mm x Length 59 mm x Width 24.5 mm
- Weight: 136 g
- Case polycarbonate

### APPROVALS

- R&TTE (Radio & Telecom. Terminal Equipment)
- Certification European (CE)
- Conforms to RoHS
- FCC Parts 2,15,22 & 24
- GCF Version 3.21.1
- PTCRB Version 3.7.1
- Industry Canada (CSA)

### OPTIONS

- Cigarette lighter charging cable
- Rechargeable Li-Ion 1340mAh battery
- Mains / USB (Type Mini B Male) charger



erco & gener

L'esprit Modem