# G737™ GPS/GSM Tracker

Multifunction Parolee GPS/GSM Tracker

## The G737IC GPS/GSM parolee tracking unit offer innovative technology easy of use

### Creating Safer Communities

Gosafe G737IC one-piece ankle worn offender monitoring bracelet designed with latest technology to monitor all kind of offenders where administrations seek accurate and reliable real-time tracking along with effective enforcement of home detention curfews.

### Dual Embedded SIM

The device is equiped with dual embedded SIM to keep connected with the call centre. The dual SIM gives the flexiablity of two different provider.

### Communication Flexibility

The advanced firmware transmits the information seamlessly via TCP, UDP or SMS. With flexible programing and reporting modes makes it visible all the time to monitoring center.

### Home Detention Beacon

The G737IC can paired with home beacon to extend the battery life and apply home detention if needed.

## Features of G737IC

- Multiple temper detections mechanism
- 2G/3GModem option
- Dual embedded sim concept
- LBS location availablity
- AGPS with 50 channel high sensitive module
- LED indication
- Vibration indication
- Long life rechargeable Li-Ion Battery

- User configurable alerts and programing rules
- Dual communication (GPRS + SMS)
- Geo-Fence Management
- Way Points Management
- Fiber Optic Shank Band
- Home & Prison beacon
- Smallest possible Design
- IP67 Waterproof Design

## General

| | |
|---|---|
| Communication Modes | GPRS and TCP/UDP/SMS |
| Location Technology | 50 Channels GPS |
| Operating Voltage | Internal Battery |

## GPS

| | |
|---|---|
| Location Technology | 50 Channel Ublox GPS (with SBAS) GPS L1 C/A Code SBAS, WAAS, EGNOS, MSAS |
| Accuracy | SBAS          2.0m CEP |
| Tracking Sensitivity | -162dBm |
| Antenna | Patch internal |
| Assist GPS | Supported |

## Cellular

| | |
|---|---|
| Data Support | SMS, TCP, UDP |
| GSM/GPRS Quad Band | 850/900/1800/1900 MHz |
| 3G Dual Band US | 850/1900 MHz (Optional) |
| 3G Dual Band EU | 900/2100 MHz (Optional) |
| GSM/GPRS Output Power | Class 4 (2W) for 850 / 900 bands Class 1 (1W) for 1800 / 1900 bands |
| GSM/GPRS Fallback | GPRS Class 10 |
| HSPA Data Rate | 5.76Mbps UL/7.2Mbps DL (Optional) |
| SIM Card | Embedded 1.8/3.3 V |

## Buttons

| | |
|---|---|
| Power | Power ON/OFF Button |
| SOS | SOS Button for help and sending SMS to the pre-configured numbers |
| Status LEDs | GPS, Cellular, Power |

## Shank Band

| | |
|---|---|
| Fiber Optic | Different Sizes of Fiber Optic Shank band available |

## On Board

| | |
|---|---|
| CPU | ARM Cortex M3 |
| Flash Memory | 32Mbit (50000 records) |
| Wireless | 2.4Ghz RFID |
| 3D Accelerometer | On Board |

## About Gosafe

Gosafe is a dynamic leader in GPS Fleet Management products and services. Gosafe Company Ltd. was incorporated 1999. The Company was created to develop and distribute hardware and software solutions that utilize existing wireless network infrastructures to provide web-based vertical applications to commercial customers and consumers. Gosafe has Strategic Partners in Mobile Hardware Manufacturing, Mapping, Software Development, Wireless Data Services and Product Distribution, Products and Services.

Our competence of adaptability has enabled our products to enjoy substantial success in heterogeneous markets like America, Europe, Middle East, Asia and Africa. We have prosperously sold our products across more than 100 countries of the world. The methodology of our time-tested procedures has endowed us to provide our customers with products of consistent quality and has enabled us to meet the challenging time-lines offered by the customers. By virtue of this, today, we enjoy an outstanding market reputation and a dignified stance among our competitors.

## Electrical

| | |
|---|---|
| Operating Voltage | 5V DC Charger |
| Power Consumption | 7µA (Sleep) 200mA (Active Tracking) |
| Backup Battery | LIPO 3.7V 2200mAh Battery Recharging 5V DC |

## Physical

| | |
|---|---|
| Dimensions | 83.50(L) x 79.50(W) x 29 (H)mm |
| Weight | 200g (With Battery) |

## Environmental

| | |
|---|---|
| Operating Temperature | -10 ~ +50°C |
| Storage Temperature | -20 ~ +70°C |
| Humidity | 100%RH @ 50°C non-condensing |
| Shock & Vibration | U.S. Military Standards 202G and 810F, SAE J1455 |
| EMC/EMI | SAE J1113; FCC–Part 15B |
| RoHS | Compliant (Optional) |

## Connectors, SIM Card Access

| | |
|---|---|
| Mini USB | 1 Mini USB (configuration/debug) |
| Power Switch | Device Power ON/Off Switch |
| GPS Antenna | Internal |
| GSM Antenna | Internal |
| SIM Card | SIM Chip embedded on PCBA |

## Mounting

Not required

## Key Features

- Quad Band GSM/GPRS modem
- Packet data (TCP/IP, UDP) & SMS support
- Internal GSM Antenna for better security
- User Profiles for controlling via SMS
- GSM jamming detection
- High Sensitive GPS engine
- SOS button for help
- Low power consumption in sleep mode
- Bigger internal battery
- Geo-fence
- OTA device configuration

## Optional

- 2G/3G
- Wall Charger
- Home Beacon
- Prison Beacon