G777™ OBDII GPS/GSM Tracker

Comprehensive GPS/GSM Tracker

The G777 OBDII GPS/GSM tracking unit offer convinient and ready to go solution.

Plug N Play

The Sniper G777 Plug & Play tracking device is Gosafe's latest concept in the tracking industry. The extremely compact designed Plug & Play tracking device with intelligent power management, is integrated with the J1962 connector, or known as the ODBII diagnostic plug, offers quick hassle free installation.

FOTA & Configuration

The G777 device is designed for full compatibility with over the air configuration as well as firmware updates. This feature accelerate customer application & integration via Gosafe dadicated gateway solution to provide device provisioning, deployment, monitoring, and tracking worldwide.

Application flexibility

The G777 employs with leading alert system with flexible programing rules to apply. This advanced engine monitors all conditions and supports user defined exception based rules to help meet the needs of your application. G777 continuous-ly monitors the vehicle status and responds instantaneously to pre--defined threshold related to time, date, motion, location, geo--zone, speed and other event combinations.

Features of G777 OBDII

- Plug N Play OBDII Device
- Bluetooth 4.0
- 2G/3G Modem
- LTE Version (Optional)
- FOTA (Firmware Update OAT)
- Flexible Programming Rules
- Smallest Design
- Location on Demand
- HDOP/VDOP for Precise Location

- 3D Accelerometer
- Echo Driving
- Multiple Data Upload Modes
- Intelligent Power Management
- Geo--Fence Management
- GPS and GPRS indicator
- Speed Alerts
- Built In GPS & GSM Antenna
- Fleet Management

General

Communication Modes	GPRS/EDGE and TCP/UDP/SMS
Location Technology	50 Channels GPS
Operating Voltage	12 & 24 volt vehicle systems

GPS

Location Technology	Ublox 7 (with SBAS)
	GPS L1 C/A Code
	Glonass L1OF
	SBAS, WAAS, EGNOS, MSAS
Accuracy	SBAS 2.0m CEP
Tracking Sensitivity	-162dBm
Antenna	Patch internal
Assist GPS	Supported

Cellular

Modem	Sierra Wireless HL8548 or HL75XX
Data Support	SMS, TCP, UDP
GSM/GPRS	850/900/1800/1900
UMTS WCDMA FDD	800/850/900/1900/2100
LTE	B1/B2/B3/B4/B5/B7/B13/B17 (Option)
HSPA Data Rate	5.76Mbps UL/7.2Mbps DL
LTE	50Mbps UL/150Mbps DL (Option)
SIM Card	1.8/3.3 V

Input/Outputs

Inputs	Direct Connection to J1962
Outputs	None
USB	Configuration Firmware update
Ignition Sense	Internal Management

On Board

CPU	ARM Cortex M3 (32Bit)
Flash Memory	64Mbit (20000 records)
3D Accelerometer + Gyro	On Board 16G (1600Hz bandwidth)
Bluetooth	BLE 4.0

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	8-32V DC operational for 12V & 24V
	Vehicle support per SAE J1455
Power Consumption	18mA 12V (Sleep)
	70mA 12V (Power Save)
	100mA 12V (Active Tracking)
Backup Battery	LI--PO 250mAh
	Battery Recharging Range is 0 to +45ºC

Physical

Dimensions	52(L) x 57(W) x 28(H)mm
Weight	80g (Without Battery)

Environmental

Operating Temperature	-40 ~ +80°C (without Backup Battery)
	-10 ~ +50°C (with Backup Battery)
Humidity	95%RH @ 50°C non--condensing
Shock & Vibration	US.Military Standards 202G and 810F, SAE J1455
EMC/EMI	SAE J1113; FCC–Part 15B
RoHS	Compliant (Optional)

Connectors, SIM Card Access

Connector Type	J1962
Mini USB	1 Mini USB (configuration/debug)
Power Switch	Device Power ON/Off Switch
GPS Antenna	Internal
GSM Antenna	Internal
SIM Card	Internal or Embedded SIM option

Mounting

Direct Connect or Extension T-Cable

Key Features

- GSM/GPRS/HSPA/LTE modem
- Designed for UBI/PAYD/PHYD
- 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
- Internal or external antennas option
- GPS and Glonass support
- Low power consumption in sleep mode
- Back up battery option
- Day, Time and speed based geo-fences
- 128 Way points
- Main and backup battery voltage management
- Event management & output configuration
- Combine events and configuration
- Multiple profiles for different conditions
- FOTA (Firmware update over the air)
- OTA device configuration

Optional

- G77H (HSPA Version)
- G77L (LTE Version)
- Embedded SIM
- T--Cable
- Wireless Relay