

G717™ Cigar Lighter Tracker Device

Private Business Mileage-Fuel Card Control
Speed Monitoring-SOS Alert & Position



The G717 is a complete vehicle tracking and telemetry device easily plugged into the vehicles cigar lighter socket.

Designed for Ease of Use

A fully functional GPS vehicle tracking unit designed and manufactured by one of the leading companies in the field. This device incorporates many features in order to ensure management and safety of vehicles and passengers.

Constant Monitoring via SMS or Internet Connection

The G717 provides monitoring capability via SMS messages to mobile phones as well as via Internet connection to Smart Phone or Computer. SMS messages can have location hyperlink imbedded to use available mapping services on smart-phones. TCP/IP or UDP transmission protocols are used for internet connections.

Complete Status of Vehicle

The G717 monitors and informs the user of major events occurring by the vehicle as follows: Towing-Idling-Parking-Excess Speed-GSM Jamming-Geofence Exit Enter- GPS Fix-Harsh Braking-Harsh Acceleration-Harsh Cornering Collision-Turn Over-Vehicle Battery-Back up Battery- Engine Status-SIM Card Balance-SOS Alert-Device Removal. All event information and parameters are enabled and configured using Gosafe's unique configuration program.

New ! SOS Emergency Call Function The G717 is now fitted with a highly visible SOS button which will send an alarm with location when pressed, enabling rapid emergency response.

Features of G717

- Plug N Play Device
- 2G/3G Modem Versions
- GSM Association Approved
- 50 Channel GPS Receiver
- Self-calibrating
3D Accelerometer
- GPS and LBS Positioning
- Back-up Battery
- SMS and Internet Communication
- Intelligent Power Management
- Geo-Fence Management
- Driver Behavior Calculation
- Speed Alerts
- Collision Detection
- Anti Jamming
- SIM Card Balance Indication
- Anti Towing Alert

Specification of G717

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 GPS (with SBAS) Telit SL869 Glonass (Optional) GPS L1 C/A Code SBAS, WAAS, EGNOS, MSAS SBAS 2.0m CEP
Accuracy	-162dBm
Tracking Sensitivity	Patch internal
Antenna	Supported
Assist GPS	

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	1.8/3.3 V

Input/Outputs

USB	Configuration Firmware update
Ignition Sense	Internal Management

On Board

CPU	ARM Cortex M3
Flash Memory	4Mbit (8000 records)
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	8-32V DC operational for 12V & 24V Vehicle support per SAE J1455
Power Consumption	3mA 12V (Sleep) 33mA 12V (Power Save) 130mA 12V (Active Tracking)
Backup Battery	LI-PO 250mAh Battery Recharging Range is 0 to +45°C

Physical

Dimensions	108(L) x 32(W) x 32(H)mm
Weight	55g (With Battery)

Environmental

Operating Temperature	-10 ~ +50°C (with Backup Battery)
Humidity	95%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

Interface	Vehicle Cigar Lighter
Mini USB	1 Mini USB (configuration/debug)
GPS Antenna	Internal
GSM Antenna	Internal
SIM Card	Internal

Mounting

Direct Connect

Key Features

- Quad Band GSM/GPRS modem
- Packet data (TCP/IP, UDP or 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

- G7F (With Two Way Communication)
- 3G modems available on demand EU and US version