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 smartphones. 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
-162dBm

Accuracy
Tracking Sensitivity
Antenna: Patch internal
Assist GPS: Supported

Cellular
Data Support: SMS, TCP, UDP
850/900/1800/1900 MHz
850/1900 MHz (Optional)
900/2100 MHz (Optional)
Class 4 (2W) for 850 / 900 bands
Class 1 (1W) for 1800 / 1900 bands
GPS Class 10
5.76Mbps UL/7.2Mbps DL (Optional)
1.8/3.3 V

GSM/GPRS Quad Band
3G Dual Band US
3G Dual Band EU
GSM/GPRS Output Power
GSM/GPRS Fallback
HSPA Data Rate
SIM Card: Direct Connect

Input/Outputs
USB
Ignition Sense
Configuration Firmware update
Internal Management

On Board
CPU: ARM Cortex M3
Flash Memory: 4Mbit (8000 records)
3D Accelerometer

Electrical
Operating Voltage: 8-32V DC operational for 12V & 24V
Vehicle support per SAE J1455
Power Consumption: 3mA 12V (Sleep)
33mA 12V (Power Save)
Backup Battery: 130mA 12V (Active Tracking)
LI-PO 250mAh
Battery Recharging Range is 0 to +45ºC

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
EMC/EMI: SAE J1113; FCC–Part 15B Compliant (Optional)

Connectors, SIM Card Access
Interface: Vehicle Cigar Lighter
SIM Card: 1 Mini USB (configuration/debug)

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

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.