



- Q Track & Trace via GPS
- Q Adjustable safety zones
- Q Mobile route
- Q Reporting functionality
- Q Remote management
- Q Voice monitoring
- Q Speed control / alerts
- Q Ignition on/off alerts
- Q Mileage information
- Q SOS with 2-way voice

SafeLinQ Solutions

SafeLinQ is at the forefront of the rapidly expanding mobile location based services (MLBS) market. Combining mobile telephony with GPS tracking features, we provide Safety & Security solutions to help both consumers and businesses to protect themselves and their belongings as well as fulfilling the duty of care.

SafeLinQ USP's

- Complete portfolio in one full service platform
- Best hardware available
- Turn-key solution
- Ideal for cost conscious market sectors
- All standard features available
- Customisation possible

Possible target audience

Professional usage such as:

- Sales fleet monitoring
- Taxi's
- Bus companies
- Logistics
- Cash vans
- Security guards
- Other lone workers

Product description

The BloQ is an easy to install mobile property protector. Due to its size, weight and flexible power input the BloQ can be used for any mobile asset that needs protection.

The BloQ uses the proprietary SafeLinQ protocols. It will only operate in conjunction with the SafeLinQ service. You can use the SafeLinQ service via the 'out of the box' web solution or through an API.

The BloQ primarily transmits its location information to the SafeLinQ service using GPRS but can fall back on text messaging when in areas of poor GPRS coverage. As the BloQ is a GSM quad band device, it will operate in most parts of the world.

Key features

Track and trace

BloQ uses GPS technology, which enables you to locate your vehicle 24/7. The secure BloQ website allows you to manage multiple vehicles in one view.

Park and BloQ

Your BloQ is activated as soon as you park and remove your keys from the ignition. When the vehicle is moved, you will receive an alert via SMS or through the emergency centre.

Geo-fencing

The possibility to create and modify 4 Safety Zones (both in- and out zone alerts).

SOS with 2-way voice

If the user is in a distressed or threatening situation an emergency button can be pressed, automatically a 2-way voice connection with a pre-defined phone number will be automatically established and a message with the location information will be sent.

Remote Management (I/O ports)

The possibility to remotely control peripherals built in to your vehicle such as the ignition, fuel management, central locking.



BloQ your car



BloQ your bike



BloQ your boat



BloQ your trailer

Technical specifications BloQ/GV100

General

Dimension (mm – H/W/D)	110 x 54 x 25 mm
Weight (g)	120g
Power source	DC 8-32V
Backup battery	1400mA, 3.7V
Indicator LED (3x)	GSM status indicator LED GPS status indicator LED Power status indicator LED
Motion sensor	Sends out alert information when activated and shock is detected.
Speed sensor	Sends out alert information when activated and speed threshold is met.
Temperature	Normal working conditions: -30 to 80°C (w/o battery equipped)

GSM specifications

Band	Quad band GSM 850/900/1800/1900 MHz
Compliance	GSM Phase 2/2+ - Class 4 (2W @ 850/900 MHz) - Class 1 (1W @ 1800/1900 MHz)
GPRS	GPRS multi-slot class 12 GPRS mobile station class B

GPS specifications

GPS Chipset	MTK All-in-one GPS receiver
AGPS	AGPS supported
Acquisition rate	TTFB defined at 95% of first position local station: - Hot start <1.2 seconds, average in open sky - Warm start <35 seconds, average in open sky - Cold start 35 seconds average
DGPS accuracy	1-5m, typical 0.05m/s

Interfaces

Digital input	5x digital input ports (3 positive/2 negative)
Analog input	1x 10bits analog to digital converter
Digital output	4x digital outputs Negative trigger, Max 300mA
Relay output	1x relay output, max output 2A
Audio connector	2.5 mm earphone jack for speaker and microphone
Power connector	4 pin Molex type connector
GSM antenna	SMA Type connector
GPS antenna	SMA Type connector
Configuration serial port	DB9 connector

Software

System interface	Proprietary
OTA	Over the air command settings from the SafeLinQ server using the SafeLinQ proprietary protocol.

Package contents:

The BloQ comes in a complete retail package:

- BloQ
- Power cable with fuse
- I/O cable
- Mounting clips
- GPS antenna
- GSM antenna

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