



- Q Track & Trace via GPS
- Q Fixed Time Reporting
- Q Emergency button
- Q Adjustable safety zones
- Q Pre-programmable buttons
- Q Remote assistance
- Q Motion sensor / alerts
- Q Reporting functionality
- Q Speed control / alerts
- Q Power on/off alerts
- Q Low battery alerts
- Q Bluetooth

### 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

For example:

- Lone workers
- Security guards
- Couriers
- Care workers
- Elderly

### Product description

The QLinQ is the first affordable fully functional mobile with integrated GPS technology. Through various service scenarios the QLinQ can be used for a wide range of target groups.

The QLinQ has been exclusively developed by SafeLinQ and uses proprietary 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 QLinQ 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 QLinQ is a GSM quad band device, it will operate in most parts of the world.

### Key features

#### Fixed Time Reporting

Set service start/end time and tracking interval (cycles) and the QLinQ automatically reports its position to the SafeLinQ platform.

#### Motion sensor

QLinQ is equipped with a motion sensor, which immediately alerts in case of a 'man down' situation.

#### Geo-fencing

The possibility to create and modify 9 Safety Zones (both in- and out zone alerts).

#### Programmable buttons

Ability to program up to nine speed dial numbers through the secure website.

#### Speed Sensor

Sends out alert information when activated and speed threshold is met.

#### Power Status

Sends out alert information when the QLinQ is switched on or off and when the battery power is low or charging.



#### Fully functional mobile phone

The QLinQ can either be used as a fully functional mobile phone or alternatively can be programmed to only dial up to nine pre-defined numbers.



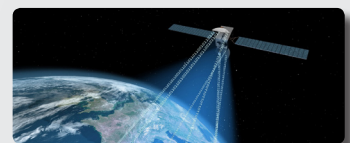
#### Remote assistance

In case of emergencies the emergency centre is able to remotely activate a voice connection and switch on the speaker to communicate with the user.



#### Emergency button

Pressing the two emergency buttons simultaneously will contact a pre-defined number, and send location information to the emergency centre.



#### Track and trace via GPS

Using the GPS functionality you can receive the location of your QLinQ with an accuracy of up to 5 metres.

## Technical specifications QLinQ/GS200

### General

Dimension (mm – H/W/D)	112 x 47 x 16.5 mm
Weight (g)	75g

### Hardware

GPS Baseband	SIRF GSC3F
Band	Quad band GSM 850/900/1800/1900
Receiver	15 x 6 mm
Speaker	18mm
Keyboard backlight	Blue
Vibrate Mode	Yes
GSM Antenna	Internal antenna
GPS Antenna	Internal antenna
Memory	128M bits FLASH + 32M bits RAM
System Interface	Proprietary
Earphone Interface	2.5 mm jack
RF Test Interface	For use by mobile network operators for RF network testing.
Temperature	Normal working conditions: -10 to 55°C Limited working conditions: 55 to 65°C

### Software

Ring tone	64 channel polyphonic MIDI for incoming calls
Voice Codec	FR, EFR, HR, AMR
Three path audio	Earphone, Receiver and Speaker
GPS	<ul style="list-style-type: none"><li>• SIRF Star III chipset</li><li>• Receive 20 channels, L1 1575.42 MHz, C/A code 1.023 MHz chip rate</li><li>• DGPS accuracy 1 to 5m, typical 0.05m/s</li><li>• Acquisition rate (TTFF defined at 95% of first position local station) Standard GPS mode:<ul style="list-style-type: none"><li>- Hot start &lt;1 second, average in open sky</li><li>- Warm start &lt;38 seconds, average in open sky</li><li>- Cold start &lt;42 seconds, average in open sky</li></ul></li></ul>
OTA	Over the air command settings from the SafelinQ server using the SafelinQ proprietary protocol.
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.

### Package contents:

The QLinQ comes in a complete retail package:

- Handset
- Travel charger
- 1150 mAh battery (Li-ion)
- Hands free headset
- User manual

### Available accessories:

- Pouch
- Travel charger
- Car charger
- Desktop charger
- 1150 mAh battery (Li-ion)