SmartLinQ - Technical specification.

General

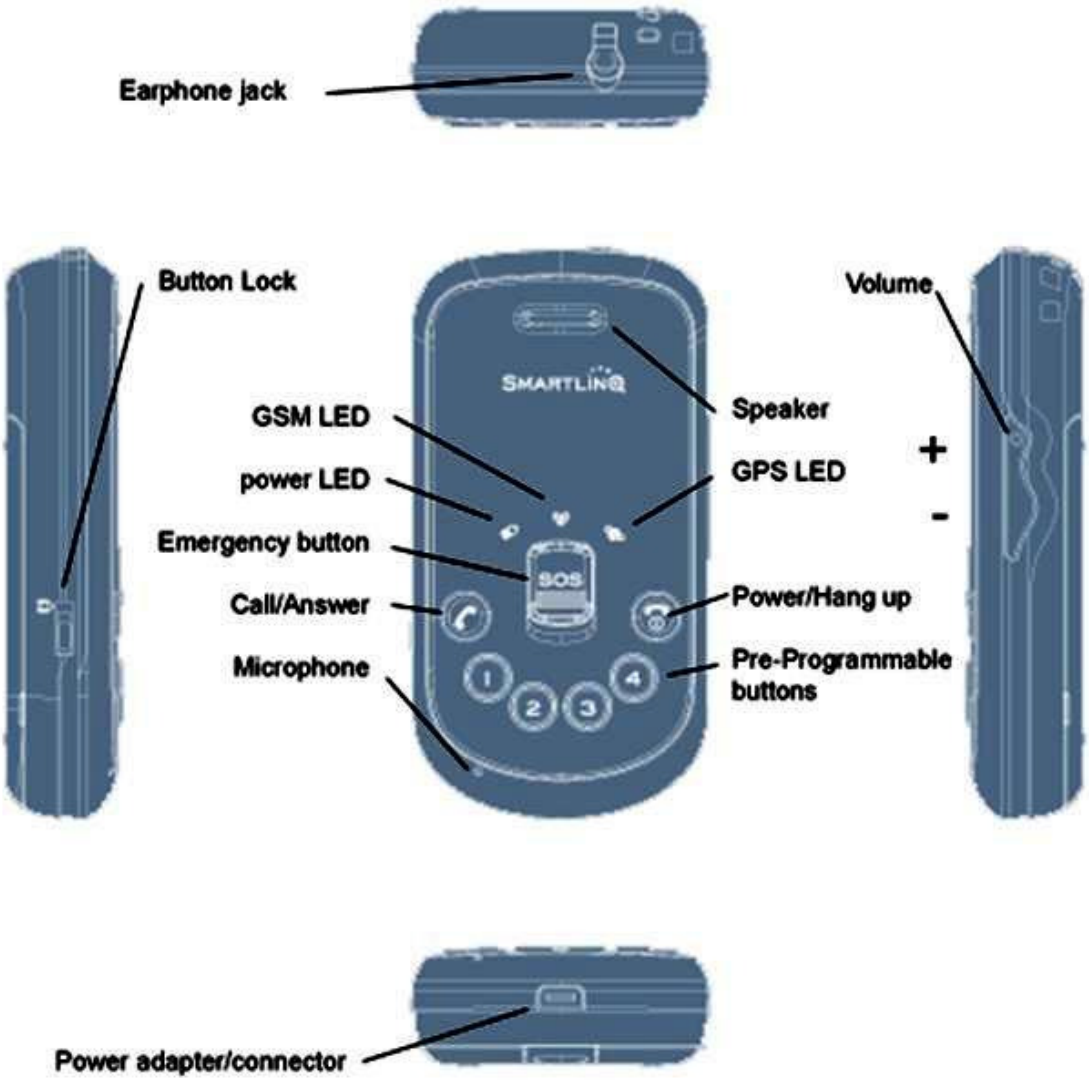
Dimension (mm - H/W/D)	86 x 46 x 16.8 mm
Weight (g)	72 g

Hardware

GPS baseband	SIRF GSC3F
GSM band	Quad band GSM 850/900/1800/1900
Receiver	20 x 11 mm
Speaker	20 x 11 mm
Indicator LED x3	• Charge LED • GSM status indicator LED • GPS status indicator LED
Keyboard backlight	LED - Navy blue
Vibrate mode	Yes
GSM Antenna	Internal antenna
GPS Antenna	Internal antenna
Memory	32M bits FLASH + 16M bits RAM
System interface	Proprietary
Earphone interface	2.5 mm jack
RF Test Interface	For use by mobile network operators for FR network testing.
Temperature	Normal working conditions: -10 to 55 C Limited working conditions: 55 to 65 C

Software

Ring tone	16 channel polyphonic MIDI for incoming calls
Voice codec	FR, EFR, HR, AMR
Two path audio	Earphone and Receiver
GPS	• SiRF Star III chipset • Receive 20 channels, L1 1575.42 MHz, C/A code 1.023 MHz chip rate • DGPS accuracy 1 to 5m, typical 0.05m/s • Acquisition rate (TTFF defined at 95% of first position local station) Standard GPS mode: o Hot start <1 second, average in open sky o Warm start <38 second, average in open sky o Cold start <42 second, average in open sky
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 ans speed threshold is met.


Earphone jack
Button Lock
Volume
SMARTLINQ
Speaker
GSM LED
power LED
GPS LED
+
-
Emergency button
SOS
Call/Answer
Power/Hang up
Microphone
Pre-Programmable buttons
1
2
3
4
Power adapter/connector