



GeoAssist2 is a small, light weight and cost effective lone worker and personal safety device. It utilises GSM mobile phone technology to communicate voice alerts and GPS coordinates to monitoring systems such as the PPS which will in turn alert colleagues, friends or family.

Easy alert activation from a single button press or by the device being 45 degrees beyond the vertical for a set time ("Man Down").

Small, light weight and robust, GeoAssist 2 incorporates a full colour OLED screen, 5 way navigation button and 2 colour coded buttons. Using the navigation button allows easy access to all functions of the device including battery level, GPS fix status and GSM signal monitors.

Indoor positioning is also available using Zigbee beacon location modules. These modules can be either mains or battery powered allowing easy implementation within existing buildings.

Remote activation is also possible using the optional Zigbee Phob with a range of 30m to 1000m

GPS Core :

- 20 channel GPS receiver
- High sensitivity SiRFStarIII chipset
- Protocols: NMEA, WGS-84
- Position accuracy: < 10 m CEP without SA
- TTFH hot start: < 1 s average
- TTFH cold start: < 42 s average
- Tracking sensitivity: -159 dBm (13 dBHz)

GSM Core:

- TELIT GE864-Quad module
- 850/900/1800/1900 MHz
- GPRS class 10, class B

Electrical:

- Power: USB
- 1300mAh Lithium Polymer battery

Physical:

- Dimensions H86(103)xW54xD26 mm
- Weight: approx. 108 g

Interfaces:

- Bluetooth* SPP, IEEE 802.15.4*, ANT*
- Mini USB port
- OLED display, 128 x 128 Px, Full colour
- SIM card reader for 1,8/3 V SIM cards
- Internal speaker
- Internal microphone



Colour Options



*Optional

