

‘Smart-Track’ (GPS Personal Tracking)

NEW



SMART-TRACK GPS LOCATION PENDANT
(Actual size)

DESCRIPTION

Smart-Caller’s ‘Smart-Track’ personal tracking Pendant uses a combination of the latest GPS/GPRS/GSM technologies in order to pin-point the location of the wearer to within a typical range of 15Meters.

At the press of the Pendant’s SOS button this location report will be dispatched from anywhere within open spaces or if necessary from the last known location, typically at the entrance of a significant building structure.

The wearer’s location can also be determined by a Carer or family member dialing the Pendant’s mobile phone number and issuing a command. It can also occur as the result of programming required periodical location reports. Real time tracking is also possible.

A further alert triggering possibility is in the event of the person passing a certain predetermined geographical ‘no-go’ barrier beyond which the person may be considered ‘at risk’ or otherwise ‘lost’. It will also report its location in the event of it reaching its low battery threshold.

HOW IT WORKS

By courtesy of the US Military there are 24 fixed location satellites positioned to ensure that any four satellites are always ‘in-view’ of the Pendant.

FEATURES & BENEFITS

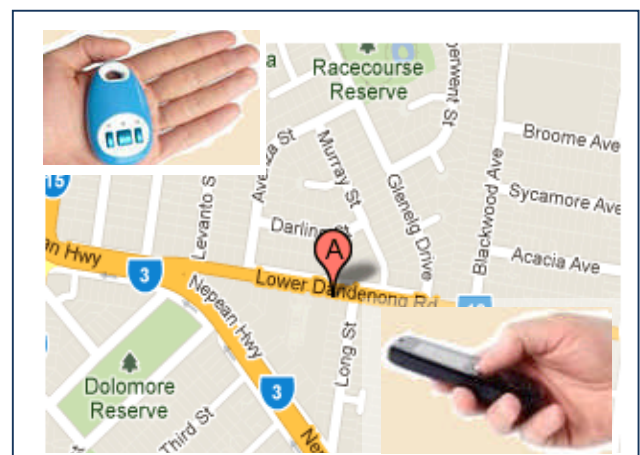
- Includes two ‘Call’ and one ‘SOS’ button
- Location ‘on-demand’, ‘periodical’ or ‘at-risk’
- Pin-Point location to within approx 15Meters
- Miniature dimensions and light weight
- Suits necklace, key-ring, belt or pocket
- Long battery life and low-battery reporting
- Supports two-way voice communication
- Works anywhere having GSM or GPRS service
- Works in any weather conditions
- Stores 5 telephone destination numbers
- Suits Googlemap GPRS location display
- Display alarm via nurse-call or mobile phone
- Asset & vehicle tracking models also available

A ‘Smart-Track’ Pendant having been triggered to identify its location will have its signal processed by the three predominant Satellites and the resulting latitude and longitude position coordinates will be relayed back to the Pendant.

The Pendant, now using its mobile GSM/GPRS facility will then report that location along with other possible information to one or more preprogrammed GSM/GPRS smart-phones and/or GPRS equipped computer destination/s.



SMART-PHONE



TECHNICAL MATTERS

1. Real-time locating and tracking:

It can transmit the longitude and latitude coordinates by SMS or GPRS. This allows identification of location by coordinates or by application to a Googlemap facility.

2. Geo-fence function:

It will send an alert to the authorized mobile phone numbers when it breaches the restricted area that has been predetermined.

3. SOS function:

Pressing the SOS button will cause the Smart-Track to send a help alert along with exact location to the authorized mobile phone numbers to allow immediate rescue.

4. Low-battery alarm:

Low battery alerts will automatically be despatched to the authorized mobile numbers when applicable.

5. Two-way voice communication:

As the Smart-Track is also a limited function miniature mobile phone it includes a microphone and speaker to allow two-way voice communication and is useful for identifying environmental noise at the tracker location.

TECHNICAL SPECIFICATION

Content	Specifications
Dim.	70.7mm x 42.9mm x 20.1mm
Weight	40g
Network	GSM/GPRS
Band	900/1800Mhz
GPS chip	SIRF3 chip
GPS sensitivity	-159dBm
GPS accuracy	5-20m
Time To First Fix	Cold status 45s Warm status 35s Hot status 1s
Car charger	12—24V input 5V output
Wall charger	220V input 5V output
Battery	Chargeable changeable 3.7V 800mAh Li-ion battery
Standby	48hours
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing



WHAT IT COSTS

Whereas the Satellite GPS facility is a free service it is necessary to obtain what is known as a SIM card as used in all mobile phones. This plug-in card is therefore readily available from many retail outlets and provides the Pendant with its own mobile phone number. The SIM card also allows the programming of the Pendant.

The supplier of the Pendant is usually able to assist the purchaser in arranging the supply of the suitably configured SIM card.

Call costs will normally apply whereby each location position call from the Pendant to each destination is carried as a SMS (Small Message Service) text message via the selected GSM/GPRS network service.

As the call is an SMS call it therefore attracts a negligible cost and may be free of cost under various service provider special arrangements.

The Pendant cost may be ascertained by contacting Smart-Caller Pty Ltd or an authorized agent where outright purchase or rental options are possible alternatives. Conditions would apply if considering Rental agreements.

GST costs may not be applicable when making an outright purchase where classification under the 'medical alerting device' provisions may apply subject to applicable circumstances.

Descriptions & specifications subject to change without notice

Authorized Supplier