



# TrackingCentral

## CareTracker - Phone Powerful GPS Locator and Phone



**Falling Alarm**



**Super Sensitive with High Accuracy**



**Quad Band GSM & GPRS**



**Low Power Consumption**



**RoHS Compliant**



**Embedded & full featured @Track Protocol**



**OLED Display**

**CareTracker Phone** a powerful GPS phone for personal tracking. With superior receiving sensitivity, fast TTFF (Time To First Fix) combined with Quad-band GSM frequencies 850/900/1800/1900 its location can be monitored in real time or periodically reported by a back end GPS Tracking Server or other device. Based on the embedded @Track protocol, the **CareTracker Phone** can communicate with a backend server through the GPRS/GSM network, or SMS when reporting Emergency Alerts. Geo-fence boundary crossings, Low Battery and scheduled GPS positioning along with several other advanced reporting features. Users can easily dial a preset phone number by using one of the four quick dial buttons or the SOS button. System integrators can easily setup their custom tracking platforms to communicate with the device based on the @Track protocol.

### FEATURES:

- Quad band GSM/GPRS frequency.
- Built in SiRF Star III chipset with -158dBm tracking sensitivity and -142 dBm autonomous sensitivity. Fast TTFF & high accuracy.
- White OLED display (128\*96)
- Low power consumption with very long standby time
- Built in motion sensor
- Embedded full-featured @Track protocol



# CareTracker - Phone

## Powerful GPS Locator and Phone



### GSM Specifications:

<b>Frequency:</b>	Quad- Band 850/900/1900MHz Compliant to GSM phase 2/2+ - Class 4 (2W @ 850/900MHz) - Class 1 (1W @ 1800/1900MHz)
<b>GPRS:</b>	GPRS multi-slot class 12 GPRS mobile station class B
<b>RMS Phase Error:</b>	<= 5 Deg
<b>Max Output RF power</b>	33.0dBm+/-2dBm
<b>Dynamic Input Range</b>	-15 ~ -102 dBm
<b>Receiving Sensitivity</b>	Class II RBER<=2% (-102dBm)
<b>Stability Of Frequency</b>	> 2.5ppm
<b>Max Frequency Error</b>	+/-0.1ppm

### GPS Specifications:

<b>GPS Chipset</b>	SIRF Star III GPS Receiver Sensitive Fast & Accurate
<b>Sensitivity:</b>	Autonomous Acquisition -142 dBm Hot start -155 dBm Tracking -156 dBm
<b>Channels</b>	20 Channel all-in-view tracking
<b>TTFF (Open Sky)</b>	Cold start 44 sec average Warm start < 38 sec Hot Start < 2 sec

### User Interfaces:

<b>Mini USB Connector</b>	Include charger & Earphone
<b>Power Button</b>	For power on & off.
<b>SOS Button</b>	SOS/ Emergency Alarm
<b>Volume Button</b>	To phone / speaker volume
<b>Preset Number Buttons</b>	For quick dialling of preset numbers.

### General Specifications:

<b>Dimensions</b>	87mm 44.5mm 17mm
<b>Weight</b>	75g
<b>Battery</b>	Li-Polymer 850mAh, 3.7V
<b>Standby Time</b>	No reporting 120 to 150 Hours 5 Min. reporting: 50 to 60 Hours 10 Min. reporting: 70 to 80 Hours
<b>Charge Voltage</b>	5V DC
<b>Display</b>	128 x 96, 1.3 white OLED display
<b>Bluetooth</b>	Optional. For Bluetooth earphone or health care device.

### Air Interface Protocol:

<b>Transmit Protocol</b>	TCP, UDP, SMS
<b>Scheduled Timing Report</b>	Report Position follows a pre-set fix interval and report interval.
<b>Geo-Fence</b>	5 Geo-Fence regions can be defined. One of them can be quick set by function key.
<b>Low Battery Alarm</b>	Alarm when battery is low.
<b>Power On Report</b>	Report when the device is powered on.
<b>Power Off Report</b>	Report when device is turned off.
<b>SOS Alarm</b>	SOS alarm when function key is pressed.

### Falling Alarm

### Contact Us:

<b>Postal</b>	GPO Box 2892 Brisbane 4000 Qld. Australia
<b>Free Call</b>	1300 255 990
<b>Website</b>	<a href="http://www.TrackingCentral.com.au">www.TrackingCentral.com.au</a>
<b>Email</b>	<a href="mailto:info@TrackingCentral.com.au">info@TrackingCentral.com.au</a>