

Aerotel LifeCare™

A New Level of Personal Safety

Next Generation Personal Emergency Response Systems (PERS), Medical Alert & Social Alarm Systems

Aerotel LifeCare is committed to advancing personal safety standards through the development of innovative wearable devices incorporating state-of-the-art wireless communications.

Aerotel LifeCare offers sophisticated, yet easy-to-use mobile monitoring solutions enabling effortless and continuous remote monitoring from anywhere, at anytime.

Aerotel LifeCare Product Line Consists of:

- SKeeper™ - Wearable Mobile Communication and Safety Device
- GeoSKeeper™ - Wearable Mobile Safety and Location Device with GPS
- Telecare Software Application Suite

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GPS

SKeeper™
Wearable Mobile
Communication and
Safety Device



GeoSKeeper™
Wearable Mobile
Safety and Location
Device with GPS

Web Monitoring



Cellular Network



WiKeeper™ (Future)



Call Center



Family



Medical Services



Homecare Agency



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SKeeper™

Personal Wristop Cellular Communicator with Emergency Response

Peace of Mind is Everywhere

Sound the alarm, locate and communicate. Anytime, anywhere. That's the key to Aerotel's SKeeper – a "peace of mind" product line designed for elderly, chronically ill, children or lone workers, as well as their relatives and caregivers.

A New Level of Personal Safety

SKeeper has taken PERS (Personal Emergency Response System) and social alarm systems, to the next level. Fitted with a distress button and built-in cellular communicator, it can activate a warning signal when needed, enabling wearers to get immediate care and help from a telecare monitoring center.



Built-in Cellular Speakerphone

Using its embedded GSM module and built-in speakerphone, SKeeper enables cellular voice calls to be made to pre-defined numbers (e.g. a relative or a family doctor) or to be received from any caller or from the remote monitoring center when in need.

Online Location and Tracking (optional service)

SKeeper can take advantage of operator provided location-based services. In the event that the wearer wanders outside a specified zone (e.g. neighbourhood or school area), the system can send an alert to the monitoring center and/or to another mobile phone.

Technical Data

Dimensions	65 x 46 x 17 mm	2.6" x 1.8" x 0.7"
Weight (battery included)	70g	2.5 oz
Operating temperature	0 ÷ 55 °C	14 ° ÷ 130 °F
Battery	3.7 VDC/630mAh Li-Ion (rechargeable)	
Standby time (typical)	Up to 100 hours	
Talking time (typical)	1 hour	
Safety call button	1	
Speed dialing buttons	3 (user programmable)	
Speaker and microphone	Internal	
Automatic call answering	Included (programmable)	
Wireless module	Cinterion MC55/MC56	
Network	Dual band GSM/GPRS (900/1800 or 850/1900)	
Antenna	Integrated	

Specifications are subject to change without notice.



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GeoKeeper™

Personal Wristop Cellular Communicator with Emergency Response, GPS Tracking and Geofencing

Peace of Mind is Everywhere

Sound the alarm, locate and communicate. Anytime, anywhere. That's the key to Aerotel's GeoKeeper - a "peace of mind" product designed for elderly, chronically ill, children or lone workers, as well as their relatives and caregivers.

A Higher Level of Personal Safety

GeoKeeper is offering a new level of safety beyond existing PERS (Personal Emergency Response System) or traditional social alarm systems. Fitted with a distress button and integrated active GPS system, it provides accurate location tracking with immediate assistance when and where it is needed.



Built-in Cellular Speakerphone

Using its embedded quad-band GSM/GPRS module and built-in speakerphone, GeoKeeper provides reassurance by receiving voice calls, or calling to speed dialing numbers (e.g. a relative or a doctor).

GPS Location Tracking and Geofencing

GeoKeeper enables accurate location of users in need, with immediate alert when the wearer wanders outside a specified zone (e.g. neighborhood or school area).

Fully Programmable

GeoKeeper is fully programmable over the air via a user-friendly Web-based interface. Programmable features include speed dialing numbers, automatic answering, geofencing area and various alert conditions.

Technical Data

Dimensions	65 x 46 x 17 mm	2.6" x 1.8" x 0.7"
Weight (battery included)	75 g	2.6 oz
Operating temperature	-10° ÷ 55°C	14° ÷ 130°F
Battery	3.7 VDC/660mAh Po-Li (rechargeable)	
Standby time (typical)	Up to 90 hours	
Talking time (typical)	1.5 hours	
Tracking time (typical)	> 24 Hours (@10 min. interval)	
Safety call button	1	
Speed dialing buttons	3 (user programmable)	
Speaker and microphone	Internal	
Automatic call answering	Included (programmable)	
Wireless module	Telit GE863-GPS	
Network	Dual band GSM/GPRS (900/1800) (850/1900 coming soon)	
GPS chipset	SiRF III	
GPS antenna	Active built-in	
GSM antenna	Integrated	

Specifications are subject to change without notice.



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Aerotel LifeCare Telecare Software Suite

Remote Monitoring and Tracking Solutions

SKeepWare™ / GeoWare™

Remote Monitoring, Alerting and Tracking Systems for Monitoring Centers

SKeepWare and GeoWare are call center monitoring applications for service providers, enabling real time monitoring of GeoKeeper and/or SKeeper users, receiving alerts and alarm calls and responding to users requests. SKeepWare application can be connected to the service provider's phone system enabling direct voice calls with SKeeper or GeoKeeper users.

These applications can receive calls and alerts from SKeeper or GeoKeeper devices. They have a database with users' data (device phone number, personal info, relatives, etc.). When a call is received from a user, the personal file will open automatically and the person at the call center

will be able to talk with the user. They can also receive various messages and alerts from the GeoSkeeper or SKeeper devices (such as low battery alert, and device ON/OFF status).

SkeepWare is the basic system supporting only SKeeper devices, while GeoWare includes all the functionality of SKeepWare plus mapping and tracking of the users on a map, and receiving location alerts via the geofencing feature. It supports Google Maps or AtlasCT, and requires purchase of Google Maps or AtlasCT license.

These monitoring applications also support many traditional home-based medical alert or social alarm systems.

SKeeperAgent™

Device Setup and Management for Service Providers

SKeeperAgent is an application for resellers or service providers, enabling them to activate SKeeper or GeoSkeeper devices, assign user name and password to users, program the devices remotely and keep track of the device status of their clients. Basically, it performs many of the administrative functions of the SKeepWare or GeoWare (call center monitoring applications) except the real time monitoring. SkeeperAgent can be installed in shops or other point of sale where SKeeper is being sold in order to activate the devices delivered to users. After the device is activated the user receives a user name and password, enabling him/her to program the device via the Internet, using the SKeeperWeb application.

SKeeper or GeoSkeeper devices can be remotely programmed by sending SMS commands from the SKeeperAgent. Installation requires a setup of an SMS service account. An optional add-on to SkeeperAgent is a SIM card reader/programmer that enables the service provider to program SIM cards with user data on the spot without the need to send SMS over the air.

SKeeperWeb™ / GeoWeb™

User Friendly Device Setup, Location and Tracking via the Web

SKeeperWeb and GeoWeb are Web-based applications enabling end-users or authorized relatives or caregivers to remotely program GeoSkeeper and/or SKeeper device parameters, such as automatic answering, speed-dialing numbers, etc. These applications access the same database generated by SkeeperAgent.

Technical Data

SKeepWare™

Supported Products:

SKeeper

System Requirements:

PC, Windows XP, MS-SQL 2000

GeoWare™

Supported Products:

SKeeper, GeoSkeeper

System Requirements:

PC, Windows Server 2003, MS-SQL database, Google Maps or Atlas CT license

SKeeperAgent™

Supported Products:

SKeeper, GeoSkeeper

System Requirements:

PC, Windows XP, MySQL database, SMS service account

SKeeperWeb™

Supported Products:

SKeeper

System Requirements:

PC, Windows Server 2003, MySQL-Apache-Tomcat, permanent IP

GeoWeb™

Supported Products:

SKeeper, GeoSkeeper

System Requirements:

PC, Windows Server 2003, MySQL-Apache-Tomcat, permanent IP, Google Maps or Atlas CT license

SKeeper or GeoSkeeper devices are remotely programmed by receiving SMS commands from the application. In addition, GeoWeb enables end-users or authorized relatives or caregivers to remotely track the whereabouts of GeoSkeeper users or groups of users.

The GeoWeb application uses a commercial mapping service (currently supports Google Maps or AtlasCT) in order to enable tracking and viewing of users locations on a map. With its geofencing feature, it enables users to draw a fence on the map and to receive automatic alerts when the user is leaving a pre-defined zone. Alerts can be sent to the monitoring center or to other mobile phones (via SMS) or to an email address.

Installation requires a setup of a Website with a constant DNS address and an SMS service account. GeoWare includes full SKeeperWeb functionality, plus mapping and tracking features. Its installation requires a setup of a Website server and purchase of Google Maps or AtlasCT license.