

Seraph, Track One, Track Pro* – for the reliable protection of persons



BOSCH



The reliable protection of persons: modern emergency phones

The emergency phones Seraph, Track One and Track Pro are the basis for monitoring of persons by the Bosch Communication Center.

A combination of GSM and GPS technology allows the accurate localisation of emergency phones. These are equipped with many features of state-of-the-art communication.

An extra button can be assigned with numerous additional functions. Thereby the emergency phones can not only be used as simple security tools but also as complex management devices for persons and objects.

Persons can be localised with an accuracy of a few meters. Whether an alert is raised by the user or by one of the passive security measures, appropriate measures of intervention are initiated quickly.

Efficient alarm management

Alerts are instantly sent to the Bosch Monitoring Center by the Mobile Security equipment.

All data are transmitted through SMS or GPRS and visualized on a high-resolution map.

At the same time a voice connection to the emergency phone is established.

After qualifying incoming alerts, the Monitoring Center immediately takes the measures that were previously defined in cooperation with the user.

This includes the contacting of police department and rescue services or our Europe-wide intervention partners.

All measures are monitored and documented until their completion.

Performance specifications

- ▶ Emergency call and alarm function with transmission of GPS position ^{*1}
- ▶ Emergency call and alarm function with indication of the network co-ordinates ^{*2*3}
- ▶ Tracking & tracing
- ▶ Phone function ^{*2*3}
- ▶ Silent alarm ^{*1*2*3}
- ▶ Automatic alert when leaving or entering previously defined areas (Geo-Fencing) ^{*1*2*3}
- ▶ Active positioning by Bosch Monitoring Center ^{*1*2*3}
- ▶ Speed dialling of stored numbers, e.g. relatives ^{*2*3}
- ▶ Safety clock: If a sound alert is not reset within a certain time, an alarm is automatically triggered ^{*2*3}
- ▶ Status information (e.g. arrival at destination) ^{*2*3}
- ▶ Integrated GSM data and fax modem ^{*2*3}
- ▶ Additional features: vibrating alert, calculator, phone book, calendar, clock, alarm clock, etc. ^{*2*3}

^{*1} Seraph, ^{*2} Track One und ^{*3} Track Pro

Emergency phones Highlights / Technical details

	Seraph	Track One	Track Pro
Weight	160 g	185 g	185 g
Size	129 x 49 x 26 mm	129 x 49 x 23 mm	129 x 49 x 23 mm
GSM Data	900-, 1800-MHz and dual band networks	900-, 1800-MHz-dual band-GSM-network or 900-, 1900-MHz-dual band-GSM-network	900-, 1800-MHz-dual band-GSM-network or 900-, 1900-MHz-dual band-GSM-network
GPS-Merkmale	12 channel, high-performance GPS receiver	12 channel, high-performance GPS receiver	12 channel, high-performance GPS receiver
	GPS-data transfer via SMS	GPS-data transfer via SMS	GPS-data transfer via SMS
		GPS tuning and GPS operating mode management	GPS tuning and GPS operating mode management
		Assisted GPS (AGPS)	Assisted GPS (AGPS)
		Connector for external active antenna	Connector for external active antenna
Battery**	Lithium-ion 1700mAh	Lithium-ion 1200mAh	Lithium-ion 1200mAh
Standby-operation time	100-280 hours	72-200 hours	72-200 hours
GPS-operation time	22 hours, Economy 48-77 hours	17-170 hours	17-170 hours
Talking time	5-15 hours	3.5-10 hours	3.5-10 hours
Safety Features	Emergency call and alarm function with transmission of location (tracking)	Emergency call and alarm function with indication of the network co-ordinates	Emergency call and alarm function with indication of the network co-ordinates
	Locating on request of the Bosch Monitoring Center	Locating on request of the Bosch Monitoring Center	Continuous inter-active tracking and exact locating with transmission of data such as mode, battery status, position coordinates, time, speed and direction
Accessories	Standard antenna, cross-country, external active GPS-antenna, NMEA data cable, table charger, fast mains charger, cigarette lighter charger as well as various carrying holster, hands-free communication and mountings		

* Seraph, Track One und Track Pro are registered trademarks of Benefon Oyj, FIN-24101 Salo Finland

** Other batteries are available on request.

Bosch Sicherheitssysteme GmbH

Bosch Communication Center
Lahnstr. 34-40
60326 Frankfurt am Main

Mobile Security Hotline

Phone 01805 447372 (0,12 EUR per minute)
Fax 01805 447374
Email: mobile.security-hotline@de.bosch.com
www.bosch-mobilesecurity.com

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