

SWISSPHONE TRIO DE955-GP

Be on the safe side



The most important performance features

- > Security when working alone
- > SOS button
- > Acceleration sensor
- > Localisation
- > Geo fencing

Alerting / Localisation / Rescue services

» Safety at work is a top priority for companies and organisations. They have to ensure that their employees receive immediate assistance in the event of an accident. This also applies to lone workers who work at remote locations. Swissphone's new emergency call system is a solution that is designed specifically to meet these requirements.


SWISSPHONE




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SWISSPHONE

Performance features	SWISSPHONE TRIO DE955-GP
Supported functions	
	Automatic and manual alerting GPS localisation Feedback channel with acknowledgment Remote configuration Position querying Geo fencing Optimised operation time in GPS mode
Standards, approvals & environmental conditions	
Norms	ETSI EN 300 390 IEC 60068-2-27 (shock) IEC 60068-2-6 (vibration stressing) IEC 60068-2-32 (drop test) IEC 60529:1991 + A1:2000 IP52* * IP54 with BG/BGT protective bag (as an accessory) IEC 62209-2 (Specific Absorption Rate, SAR) EN 301489-1/-5/-7 (Electromagnetic Compatibility, EMC)
Temperature range	-10 to +55 °C
Relative humidity	20 to 75%
Display & housing	
Display	Graphical display with white power illumination Display options (rows x characters): 4 x 21, 3 x 16, 5 x 21 or proportional in each case
Dimensions	H x W x D (in mm) 80 x 53 x 24
Weight (incl.battery)	110g
Options	
Programming	Swissphone programming set Swissphone programming PSW plus 1.0 or higher
Powermanagement	
Type of rechargeable battery	Lithium polymer rechargeable battery; 480 mAh Charger included in delivery
Operating times* depending on programming parameters	POCSAG/GSM/GPS = up to 200 hours

Hardware modules	SWISSPHONE TRIO DE955-GP
GSM	x
GPS	x
Acceleration sensor	x
POCSAG	x



Security management of the future

From the operations centre via the network to its destination: Swissphone offers you perfectly matched modular emergency call components to help implement the best solution for you. With the aid of IMASYS® MAP, Swissphone delivers a web-based application to search for people or vehicles which are equipped with a GPS add-on. Their position will be displayed on the map within seconds with a deviation of only a few metres. IMASYS® MAP can simultaneously be used to directly send text and paging messages as well as receive responses from the target subject.

Performance features	SWISSPHONE TRIO DE955-GP
GSM module	
Frequency ranges	Dual Band 900 MHz (GSM 900 & E-GSM) 1800 MHz (DCS-1800, GSM-1800)
Transmitting power	Max. 2W @ 900 MHz Max. 1W @ 1800 MHz
Connection	SMS, GPRS Class 10, operation mode Class B
GPS module	
Frequency ranges	1575.42 MHz
Sensitivity in tracking mode	- 158 dBm
Current time & date	Synchronisation UTC using GPS
Sensor	
Acceleration sensor	3-axis
POCSAG basic module	
Frequency bands	VHF 81 - 88 MHz (4 m band) VHF 146- 174 MHz (2 m band) UHF 450 - 470 MHz (70 cm band) (further frequencies on request)
Channel spacing	12.5 or 20/25 kHz
Sensitivity*: bei 512 Bit/s bei 1200 Bit/s bei 2400 Bit/s	3.0 µV/m 3.5 µV/m 4.0 µV/m
*typical value in the 2m-upper band (best position on saltyman), GSM = off	
Frequency processing	PLL, adjustable reception frequency VHF: +/- 0.5 MHz adjustment range UHF: +/- 1.0 MHz adjustment range
Addresses	32 RICs each with 4 subaddresses
Alerting	Volume > 88dB(A) at 30 cm 9 + 1 alert/user profiles Vibration alert
Messages	Individual messages of up to 4096 characters 2 message folders, freely configurable, of up to 4096 characters 128 fixed texts. 32 characters can be stored for each

Specifications subject to change

For further information: www.swissphone.com

Safety at work

Safety at work is a top priority for companies and organisations. They have to ensure that their employees receive immediate assistance in the event of an accident. This also applies to lone workers who work at remote locations. Swissphone's new emergency call system is a solution that is designed specifically to meet these requirements.

Automatic emergency calls – If, however, the casualty is no longer capable of acting, then the emergency call must be triggered automatically. For this purpose the new emergency call system features position, movement and acceleration sensors that automatically trigger an emergency call if no movement is detected from the employee for a longer time or if a fall is detected.

Manual alerting – If, after an accident, an employee is still able to act, he/she can push an SOS button to request immediate assistance. The dispatcher in the control centre can then promptly request suitable support from the responsible rescue unit by e-mail, SMS or pager.

Localisation – Precise geographical information is transmitted and displayed on a map in the control centre.

Geo-Fencing – The personal emergency call system responds as soon as a person leaves or enters a predefined area. This function can be particularly useful in residential homes, care homes and old people's homes. The function gives the elderly a high degree of mobility whilst ensuring that the appropriate personnel will be notified if they wander too far from their homes.