

GSM/GPRS + GPS Tri-Band The GEOS-Phone



The GEOS Phone is **THE** GPS phone for use by Global Travelers.

Pressing the dedicated alarm button instantly sends an SOS message, together with your exact location details, to the GEOS Command & Control Centre.

This phone is also a complete and independent personal GPS navigation system.***

ORIGINAL ACCESSORIES

Indented display window
Elastomer protection

DIMENSIONS

Weight: 128g
Length: 116mm
Width: 51mm
Thickness: 24mm

Volume: 100cc

WIRELESS NETWORK STANDARDS

Tri-Band EGSM/GPRS 900/1800/1900Mhz*
Tri-Band EGSM/GPRS 850/1800/1900Mhz**
GPRS Multi Slot B Class 10
Compliant to GSM phase 2/2+
USSD

Output power

2W for GSM 850/900
1W for GSM 1800/1900

HARDWARE

ARM9 application processor
300MIPS, 312Mhz
SDRAM 32MB
Flash ROM 32MB, 16MB to user storage
MiniSD card up to 1GB

AUDIO

Codecs HR/FR/EFR/AMR
Speaker phone operation

DISPLAY

31.2x41, 2mm TFT active matrix
176x220 pixels within 256k colours

ANTENNAE

GSM: Integrated
Connector for Car Kit antenna
GPS: Integrated, high sensitivity

GPS

12 channels high performance receiver
Frequency L1, 1575,42 MHz
Accuracy (Open sky)
Position ~5m, 95% of the time
Acquisition Rate (Open sky, receiver stationary)
Cold Start 45 s (typical)
Warm Start 38 s (typical)
Snap Start 2-8 s (typical)
Reacquisition 0,1 s (typical)
Advanced power saving methods

* Recommended for European-based Members
** Recommended for US-based Members
*** Includes complete digital mapping for one country

STORAGE

Mini SD card for:

Data

Map storage

SECURITY

PIN codes

Fixed dialling

SIM card/network lock

BATTERY

Standard battery

Li-Ion 1000 mAh

Optional battery

Li-ion 1700 mAh

Stand-by time

up to 120 h

Talk time

up to 7 h

GPS op. Time

up to 85 h

Navigation op. Time

up to 5 h

Charging time

< 2 h for 100%

CONTROLS

Vibrating Alert

Sound / GPS profiles

Keypad / phone lock

Dedicated alarm button (direct to GEOS control centre)

Dedicated menu / application swapper key

TEXT MESSAGING (SMS)

Concatenated SMS: Send and receive up to 640 characters in one message consisting of several ordinary messages

Predictive text input: Support for major European languages

MMS (Multimedia messaging)

INTEGRATED SOFTWARE

Mobile Internet Access: WAP Browser 2.0

Contacts book

Games, 6 pcs

PIM applications (calendar, notes, converter, calculator)

SIM application toolkit

E-mail client (POP3/IMAP/SMTP)

GPS monitor

Twig Navigation - Turn-by-turn personal navigation application

CONNECTIVITY

Connect via USB/Bluetooth to a PC application

Browsing XHTML (WAP 2.0)

Bluetooth Data connection for data exchange

Bluetooth headset connection

Synchronisation with MS Outlook/Lotus Notes



As a GEOS Global Traveler, we can determine your location on digital mapping to within 5 metres almost anywhere in the World and render immediate assistance via our Command & Control Centre

The GEOS Phone is manufactured for GEOS by
BENEFON of Finland
www.geosalliance.com