

SPOT SATELLITE GPS MESSENGER

The world's only satellite GPS messenger that works beyond cellular. Peace-of-mind everyday. Emergency assistance when you need it.



Actual Size

When you're stepping off the grid, take the SPOT Satellite GPS Messenger™. 100% satellite technology provides emergency communications, personal messaging and location-based tracking.

SPOT's global network of satellites let's you send messages from almost anywhere on the planet with your GPS location. Whether you're hiking, fishing off-shore, 4-wheeling, driving across country with your family or working remotely outdoors, SPOT helps you stay connected.

FEATURES

- Advanced GPS
- GPS acquisition light
- Message sending indicator light
- Enhanced antenna performance
- Safety covers on SOS and Help buttons
- Custom message function
- Dedicated Track Progress button
- Illuminated buttons
- Includes armband case with carabineer
- Replaceable button covers
- Recyclable packaging
- Universally accepted icons



In a critical or life-threatening emergency, the SOS function notifies the GEOS International Emergency Rescue Coordination Center of your location every 5 minutes. GEOS alerts the appropriate agencies worldwide based on your location including public service agencies like SAR and private rescue contractors. SPOT has helped initiate rescues around the world both on land and out at sea.

MSRP
\$169.99

PRODUCT
COLORS:



Orange



Gray

WORKS WHERE CELL
PHONES DON'T.

spot
findmeSPOT.com

Works Where Cell Phones Don't. Sends Messages Like GPS Can't.



SATELLITE TECHNOLOGY

GPS Satellites:

21 ft (6.4 m) location accuracy

LEO Satellites:

1610-1620 MHz L-band frequency

Satellite Speed:

17,000 MPH
114 min. to circle earth

Distance:

876 miles (1414 km) above Earth
Altitude (twenty times closer than fixed satellites)
Requires less power:

- Less power usage allows more frequent updates
- Less power usage allows other value-added uses

Visibility:

1 to 4 at any one time
More satellites for SOS detection than anyone
More satellites means signal can be detected sooner

Angle of Detection:

Constantly changing, helps in dense coverage

Beam Coverage:

Overlaps, increased detection probability

Movement:

Constantly, 8 planes 52° inclination

DEVICE SPECIFICATIONS

Device Specifics:

- Size: 3.7" x 2.6" x 1.0" (9.4 x 6.6 x 2.5 cm)
- Wt: 5.2 oz (147.4 g)
- GPS Lat. Lon. datum format: WGS-84

Operating Environment:

Temperature: -22°F to +140°F (-30°C to +60°C)
Altitude: -328 ft to 21,325 ft (-100 m to +6500 m)
Humidity: MIL-STD 810E Method 509.3, 5% NaCl, 95% distilled water
Vibration: Per SAE J1455, Random, 20 Hz to 2000 Hz, 0.04g_{rms}/Hz
IPX7 Waterproof: Up to a depth of 1 meter for up to 30 minutes

LEDs:

On/Off
SOS
GPS Acquired
Message Sent

Check-in / OK
Track Progress
Help

Certifications:

FCC, IC, WEEE, SAR, RoHS, CE

ADDITIONAL SERVICE FEATURES

Emergency Response Center:

GEOS is operational 7 days/wk. 365 days a year, operating out of Houston, Texas (2 addl. backup locations)

Communication:

If no GPS fix, SPOT sends distress signal without GPS position to emergency response center

Google Maps™:

All SPOT waypoints are displayed in Google Maps™ in your account and through Shared Pages for easy viewing

Data History:

All Check-In/OK, Custom, Track Progress, SOS and Help messages are stored in the SPOT account at www.findmespot.com for up to 30 days for review, mapping and sharing. Live data viewing available up to 7 days.

Data Archiving:

Data can be exported for long term archival in the following formats: CSV (spreadsheet), KML (Google Earth™), GPX (GPS data) and at www.spotadventures.com.

Shared Page: You can share messages and locations with others via a personal shared page (optional password protection) or SPOT Adventures account at www.spotadventures.com.

Security: Data protection via the latest techniques. 3rd party penetration testing two times/yr by Plynt.com VeriSign certificate (Share Page & Login Site) Latest security patches updated quarterly Network has firewalls and port scanning

SPOT SATELLITE GPS MESSENGER FUNCTIONS

S.O.S.

SOS: Emergency assistance request sent with your GPS location to GEOS every 5 min until batteries die or until cancelled



HELP/SPOT ASSIST Request help from friends and family every 5 min for 1 hour. Up to 10 contacts – phone & email



CHECK-IN/OK Lets contacts know where you are and that you're okay. Attempts to send three messages to help ensure successful transmission. Up to 10 contacts—phone & email. Contacts will receive only 1 message



CUSTOM MESSAGE Create custom non-urgent message to send to friends and family



TRACK PROGRESS Acquires your GPS location every 10 minutes for 24 hours. Sends each location one time. Previous 2 track points sent with current track point helping ensure consistent recording of movements

BATTERY SPECIFICATIONS

When utilizing 3 fully charged AAA Energizer® Ultimate Lithium 8x batteries (L92), you can anticipate the following battery life in the specified operating environments:

MODE	100% CLEAR VIEW OF SKY	50% CLEAR VIEW OF THE SKY 50% OBSTRUCTED
Power On	~ 3 months	~ 3 months
SOS (or Help/SPOT Assist if reactivated)	~ 6 days	~ 3 days
Track Progress	~ 7 days	~ 3 1/2 days
Check-In / Custom Message	~ 700 messages	~ 350 messages
Stored	Several years with properly installed AAA Energizer® Ultimate Lithium 8x batteries (L92)	

SPOT performance and battery life may be degraded in operating environments where the SPOT GPS chip must take a longer time to acquire your GPS location, such as trying to send a message indoors or under extreme canopies. Colder conditions can impact battery life. Under normal usage a full battery charge should meet or exceed these amounts.

