

NEW! SPOT™

Satellite GPS Messenger

Includes all the same functionality as before — now in a smaller, more feature-rich form factor.

- **30% Smaller**
- **30% Lighter**
- **Enhanced Performance**

New Features / Enhancements:

- Advanced GPS
- GPS acquisition light
- Custom message button
- Enhanced antenna performance
- Dedicated tracking button
- Improved tracking performance
- Safety covers over S.O.S. and Help buttons
- Replaceable button covers
- Illuminated buttons
- Message sent indicator light
- Includes armband case
- Recyclable packaging



Actual size.



Colors:



Orange Gray

Contact Info:





FEATURES

- 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. Up to 10 contacts—phone & email. Sends message 3 times within 20 minutes to help ensure successful transmission, posts only one.
- 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

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

History Review: Review all Check-in/OK, Track, Alert SOS, and Help locations via findmespot.com using Google Maps for up to 30 days

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. Live data viewing up to 7 days, data storage in account up to 30 days. Can have up to 10 shared pages

Button Covers: Prevent accidental activation of SOS or Help features

GPS Signal Indicator: Visual LED status of GPS signal acquired

Message Sent Indicator: Visual LED status of message sent

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

Removable Case: Flexible attachment solution providing Arm Band, Carabiner & Car Dash attachment. Reflective material

International Communication: Universally accepted icons to communicate button features

Color: Matte orange and gray

Replaceable Button Covers: One set included

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

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

LEDs:

On/Off	Check-in / OK
Message	Track
SOS	Help
GPS Acquired	Message Sent

SPECIFICATIONS

Export Data:
CSV (spreadsheet), KML (Google Earth™), GPX (GPS data)
SPOTAdventures.com

Certifications:
FCC, IC, WEEE, SAR, RoHS, CE

Additional Specs:
-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
Waterproof: Up to a depth of 1 meter for up to 30 minutes

Battery:
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.