

Track.Everything



SPOT Satellite GPS Messenger



Advanced GPS

GPS Acquisition Light

Custom Message Button & Dedicated Tracking Button

Includes Armband Case & Recyclable packaging

Improved Tracking Performance

Safety Covers Over S.O.S. & Help Buttons

Replaceable Button Covers

Illuminated Buttons

Message Sent Indicator Light



**Mobile Resource Management
Simplified**

FEATURES

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

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 ndmespot.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



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Security

Data protection via the latest techniques. 3rd party penetration testing two times/yr by Plynt.com VeriSign certificate (Share Page & Login Site)

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) SPOT Adventures.com

Certifications

FCC, IC, WEEE, SAR, RoHS, CE

Additional Specs

Size: 3.7" x 2.6" x 1.0" (94 x 66 x 25 mm)
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/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	~ 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)	