

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**
- **Faster GPS Acquisition**

### 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

Silver

MSRP  
**\$169.95**

Contact Info:

[www.findmespot.com](http://www.findmespot.com)





## 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

Previous Check In or Track Mode data provides

fast and close proximity

## 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

**Help/SPOT Assist:** Request help from friends and family every 5 min for 1 hour. Up to 10 contacts – phone & email

### OK

**Check In:** 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

### Message

**Custom Message:** Create custom non-urgent message to send to friends and family

### Track

**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, 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](http://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 gloss silver

**Replaceable Button Covers:** One set included

## SPECIFICATIONS

### Export Data:

CSV (spreadsheet), KML (Google Earth™), GPX (GPS data)

### Certifications:

FCC, IC, WEEE: Outside of Case

SAR, RoHS, CE1313: Inside Case

### 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)

-SOS Transmit: 5 min. intervals until batteries die, 1350 transmissions on fresh battery

-Help/SPOT Assist Transmit: 5 min. intervals for 1 hr

-Check In/Custom Message Transmit: three times within 20 min. - only posts one

-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-810F Method 507.4 95% to 100% condensing

Salt Fog: Per MIL-STD 810E Method 509.3, 5% NaCl, 95% distilled water

Vibration: Per SAE J1455, Random, 20 Hz to 2000 Hz, 0.04g<sub>rms</sub>/Hz

Water Proof: 16.4 ft (5 m) submersion for 1 hour

Buoyant: Yes

### Power:

Batteries: 3 AAA lithium

Transmission Power: 0.16 Watts

Standby mode: 110 days

### LEDs:

On/Off

OK/Check

Message

Track

SOS

Help

GPS Acquired

Message Sent