



# SHOUT tss



The SHOUT tss is a SHOUT ts with  
SAASM GPS capability.

Powered By



## TRACK, COMMUNICATE, CONNECT

## Specifications

### Mechanical

Dimensions :	4.32" L x 2.32" W x 0.87" D (110 mm x 59 mm x 22 mm)
Weight:	~9.4 ounces (266.5 grams)
I/O Interface:	USB-micro-B
Cooling:	Convection
Enclosure:	Hard-Anodized Aluminum (EMI shielded)

### Electrical

Input Voltage Range:	2.7VDC to 5.5VDC
Battery:	3.6A-Hr rechargeable Lithium Ion
Battery Life (GNSS):	1500 reports
Battery Life (SAASM):	600 Reports

### Iridium Transceiver

Operating Frequency:	1616 to 1626.5 MHz
Link Margin Downlink:	13 dB average
Link Margin Uplink:	7 dB average
Average Power Transmission:	1.0 W

### GPS Receiver

Receiver Type:	1575.42 MHz (L1), 72 channel, C/A code
Accuracy:	2.5 CEPm
Update Rate:	4 Hz
Start-up Times:	< 1 sec hot start, 29 sec warm start, and 29 sec cold start
Sensitivity:	-160 dBm

### SAASM Receiver

Receiver Type:	L1/L2 MicroGRAM with C/A code and P(Y) code
PPS Accuracy:	<12 meters CEP
Encryption Keys:	Compatible with standard key fill devices

### Environmental

Operating Temperature:	-40°F to +140°F (-20°C to +60°C)
Operating Humidity:	< 75% RH

## Key Features:

- Body-worn tracker and messaging device
- Programmed for either DoD or Commercial Iridium Gateway
- Commercial GNSS, and SAASM capability
- Automatic location reports
- Guarded 911 alert switch
- High resolution touchscreen
- 256-bit AES encryption
- Real-time, pole-to-pole coverage
- Integrated motion sensor
- Internal, rechargeable battery using AC adapter, USB port, or solar charger
- Compatible Airtime Service(s): SBD

## The SHOUT tss offers a variety of services including:

- **Normal Tracking** - programmed to automatically wake up and send a position report at an interval ranging from once a minute to once a day.
- **Emergency Alert** - send alerts to a designated monitoring center using the 911 button. The monitoring center and the user can then communicate to define further specifics of the emergency.
- **Free-Text Messaging** - send free-text via four different sets of on-screen keyboards.
- **Canned Text Messaging** - sends canned messages in short codes for quick response to save bandwidth.
- **Waypoint Tracking** - send and/or save waypoints for later retrieval.
- **Check-In** - send a quick check-in message using a single soft key.

**Available only to customers with verified US  
Government Authorization**