

# SHOUT sp

## All-In-One Voice, Tracking & PTT



### Voice Calling

Iridium telephone capability  
via Android Interface



### Tracking & Messaging

Same capabilities found in the  
SHOUT product line



### Satellite Push-to-Talk

Global coverage via Iridium  
commercial gateway

## SHOUT sp

The SHOUT sp is a revolutionary Iridium Connected® device that combines Iridium tracking and messaging of the SHOUT product line with Iridium phone capability in an Android device. The SHOUT sp is built specifically for use with Iridium NEXT network and features Iridium's short burst data (SBD), SMS, and voice calls. For customers on Iridium's commercial gateway, global Push-to-Talk (PTT) is also available. The SHOUT sp is comprised of a touchscreen display, status LED, guarded emergency button, Iridium antenna, and USB-C port. The touchscreen allows easy access to device features, and the USB-C enables charging, firmware updates, and device configuration. The LED displays device status when enabled or may be turned off in a tactical environment.

## Additional Features

- Real-Time, Global Iridium Coverage
- Compatible Airtime Services:
  - Short Burst Data (SBD)
  - Voice Call
  - SMS
- Provisioned on Either the DoD or Commercial Iridium Gateway
- Android Operating System 6.0
- >1,500 Tracking Reports with Fully Charged Battery
- Wi-Fi Connectivity 802.11 a/b/g/n
- Bluetooth
- Guarded 911 Alert Switch
- High Resolution Touchscreen
- 3.5mm Headset Jack
- IP67 Compliant

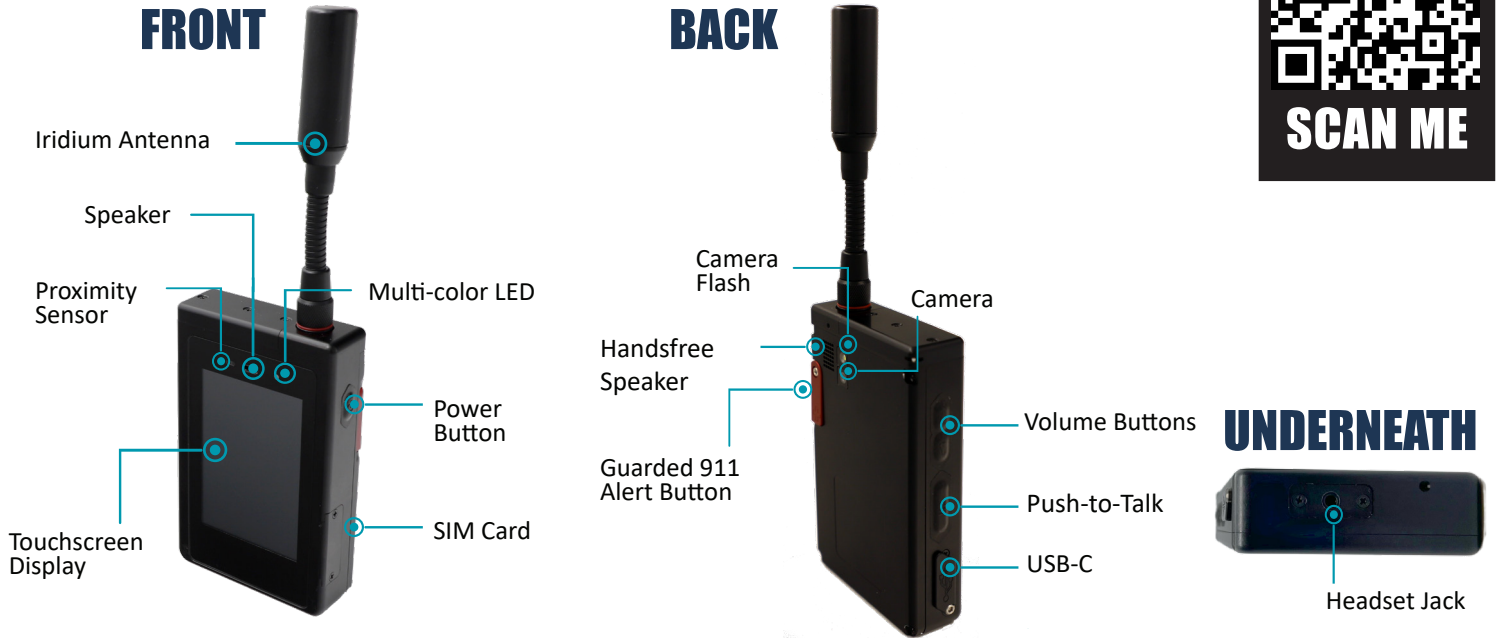
## Use Cases

The SHOUT sp is the perfect tool for remote environments with no cellular coverage when communication is a must and knowing the location of personnel is critical.

- Military
- Forestry Fire Fighters
- Remote Research Endeavors
- Open-ocean Recreational Sailing

## SHOUT sp





## What's In the Box?

- SHOUT sp Device
- Iridium Antenna
- Wall Adapter with USB-C Cable
- Earbuds

## Device Specifications

<b>Weight:</b>	16 oz (0.45 kg) with Antenna
<b>Dimensions:</b>	4.8" L (122 mm) x 3.0" W (74 mm) x 1.0" D (31 mm)
<b>I/O Interface:</b>	USB-C, SIM Reader, 3.5 mm Headset Jack
<b>Cooling:</b>	Convection Cooling
<b>Enclosure:</b>	Hard, Anodized Aluminum (EMI Shielded)
<b>Battery:</b>	2.15 A-Hr Rechargeable Lithium-Ion
<b>Operating Temperature:</b>	-20°C — +60°C
<b>Storage Temperature:</b>	-20°C — +60°C
<b>Charging Temperature:</b>	0°C — +45°C
<b>Bluetooth (Class II):</b>	Spectrum: 2.4GHz Band
	Transmit Power: +10dBm (5—10 m Range)

## Iridium Transceiver (9523 RF Board)

<b>Operating Frequency:</b>	1616 to 1626.5 MHz
<b>Link Margin Downlink:</b>	13 dB Average
<b>Link Margin Uplink:</b>	7 dB Average
<b>Average Power Transmission:</b>	1.0 W

## GPS Receiver

<b>Receiver Type:</b>	1575.42 MHz (L1), 50 channel, C/A code
<b>Accuracy:</b>	2.5 m CEP
<b>Update Rate:</b>	4 Hz
<b>Start-up Times:</b>	< 1 sec hot start, 29 sec warm start, & 29 sec cold start
<b>Sensitivity:</b>	-160 dBm