

SARLink



Combined Iridium 2 Way Communicator/Tracker and 406 MHz GPS Personal Locator Beacon

Why choose between a Personal Locator Beacon and a SEND device when you can have both?

The new ACR SARLink is the most advanced survival communication tool ever created. SARLink uses 3 satellite networks (Iridium, Cospas Sarsat GEOSAT and Cospas Sarsat LEOSAT) for improved communication and detection. With the proven reliability of the 406 MHz search and rescue network to determine an initial location, the ability to submit text messages via an Iridium SEND device can provide first responders with real-time information that can better prepare them for your circumstances upon arrival.

Communicate like never before. In addition to the 2 survival signals, you can also stay in touch and communicate back and forth with friends, family or colleagues via SMS or email while also providing trip updates and tracking information about your journey. The easy to use touchscreen display makes sending messages a breeze using the full touchscreen keyboard to stay in contact.

Built to withstand the rough and tough life of an outdoorsman, the SARLink makes being out of touch obsolete.

SURVIVAL 2.0

What's better than sending an emergency distress message when your life is on the line? Sending out 2 separate distress messages.

406 MHz Personal Locator Beacon (PLB)

- Cospas-Sarsat

Fully compliant with the stringent Cospas-Sarsat beacon requirements to broadcast 406 MHz distress signals to the global satellite network directly linking you to search and rescue forces worldwide.

Satellite Emergency Notification Device (SEND) - Iridium

Broadcasts an emergency SOS signal through the Iridium satellite network to emergency response monitoring centers. Ability to communicate back and forth with SAR personnel providing additional details of the emergency situation.

Tracking and Check-In's

Share your adventure with family and friends by providing them with location and progress status at your determined intervals. Tracking intervals are programmable from once per day to up to once per minute or one button check in .

Touchscreen Digital Display

The SARLink's three inch touchscreen display and app-based design allows you to navigate through all of its capabilities and settings.

Two-Way Messaging

Like no beacon before, the SARLink can communicate with multiple types of devices including: cell phones, SAT phones, and other SARLink beacons. You can send and receive emails from your online beacon management system. Not to mention send direct messages to our 24/7 search and rescue monitoring center.

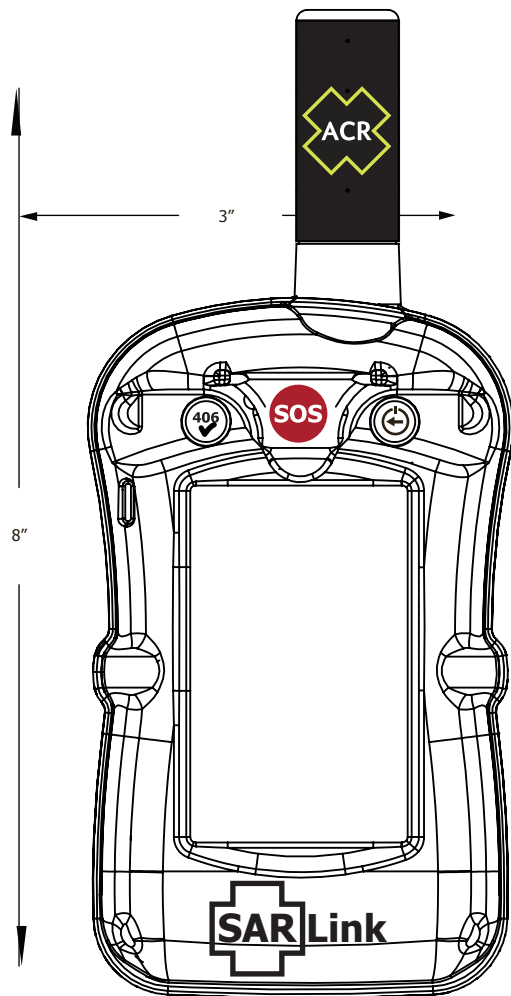
Dual Power Supplies

The innovative 2-battery design allows for recharging of the dedicated Iridium SEND functions, while the 406 MHz distress signal has a self-contained battery pack to ensure the unit always has enough stored battery capability to send your distress message continuously for 24 hours.

Beacon Management System

Easy monitoring and tracking of all your SARLink beacons. Additional tools include:
 > Request Locations
 > View Tracking Records

SPECIFICATIONS



Product Numbers	
2890	AChartruse
2890.1	Black
2890.2	OD Green
2891	AChartruse (Configureable)
2891.1	Black (Configureable)
2891.2	OD Green (Configureable)
Features	
Dimensions	8" x 3" x 1.5"
Weight	13 oz/ 369g
Waterproof Rating	IP - 67
Operating Temperature	-20° to +55°C
Storage Temperature	-20° to +75°C
Material	High Performance Engineered Polymer
Color Display TFT Wide QVGA	Touchscreen 262 K Colors
Display Dimensions	3" (diagonal)
GPS Receiver	56 Channel GPS Receiver - 161 dBm Tracking Sensitivity
SEND Features	
Iridium Module	Iridiums 9603
Link Margin Downlink	13 dB average
Link Margin Uplink	7 dB average
Average Power Transmission	<= 1.0 W
Iridium Frequency	1617 to 1626.5 MHz
Battery Type	Rechargeable Lithium Ion
Battery Voltage	3.6 VDC to 4.2 VDC
I/O Interface	USB Adapter
GPS Tracking	Send and/or save waypoints
GPS Tracking Intervals	Up to once per minute or as far apart as once per day
SMS Texting	Preset/Canned or Custom Messages
SMS Communication	2 Way (Satellite to Cell)
SOS Emergency Activation	Manual Activation - Lift SOS Door, Press SOS Button
406 Features	
Battery	Dedicated Lithium Battery for Distress Alerting
Battery Replacement	6 Years
Power Output	5W +/- 2dB (406 MHz)
Frequencies	406.040 MHz
406 Emergency Activation	Manual Activation - Lift SOS Door, Press SOS Button
Testing	Self Test

This document contains commercial proprietary information and is supplied solely for the purposes of evaluating this ACR presentation. It is not to be used for any other purpose or divulged or passed to any third party without prior written approval from ACR Electronics, Inc. This device has not been authorized as required by the Rules of the FCC. This device is not, and may not be offered for sale or lease, or sold or leased, until authorization is obtained. This equipment may not be marketed or put into service in the EU until it is in compliance with the R&TTE Directive.

For further information please contact:

ACR Electronics, Inc.
 5757 Ravenswood Road
 Fort Lauderdale, FL 33312

Tel: (954) 981.3333

Fax: (954) 983.5087

Email: sales@acrartex.com