

## Overview

SHOUT Nano is a handheld, global, two-way satellite communication device and emergency beacon. It is designed with ultra-low Power consumption electronics, and equipped with an LCD display and an on-screen keyboard allowing transmission of free text and canned messages. Data is sent in either standard or 256-bit AES encrypted format.



## Features

- Pocket sized two-way satellite communicator and personal tracker
- Light weight
- Integrated high performance GPS and satellite antennas
- High resolution colour display; icon driven menus
- Easy navigation of on-screen menus and keyboard
- Dynamic soft keys for quick selection
- Dedicated covered emergency button
- Multiple messaging options:
  - free form text and predefined messages up to 160 characters
  - See-me messages – let others view your location on a web based map
- Network and power-optimized
- LED and audible alerts (e.g. message waiting)
- Field rechargeable Li-ion battery
- USB sync for predefined messages, address book and waypoints

## Specifications

- Dimensions: 10.2cm x 5.6cm x 2.0cm (4.0" x 2.2" x 0.8")
- Weight: 185g (6.5oz)
- Battery: Lithium-ion, field rechargeable (not field replaceable)
- Battery Capacity: 1950 mAh
- Display: High resolution colour LCD
- Operating Temperature: -40°C to 85°C (-40°F to 185°F)
- Operating Humidity: < 75% RH
- GPS: 1575.42 MHz (L1), 50-channel, C/A code, 2.5 m CEP accuracy
- GPS Fix: High precision (four digit) GPS showing latitude, longitude, altitude, velocity and direction.
- Accessories:
  - AC wall adapter
  - Standard USB-to-mini USB cable
  - Lithium-ion battery
- Certifications
  - FCC
  - IC
  - CE

## Function

SHOUT nano device is more than just a pocket-sized emergency beacon. It's a rugged Iridium® handheld tracker with integrated applications like safety, two-way messaging, hassle-free check-ins, location tracking and waypoints.

The SHOUT nano is truly designed to work wherever you do. Not only does it feature global coverage, the SHOUT nano's broad operating range means that if you can stand the temperature, you can count on it to work too. The SHOUT nano is compact and lightweight and features a dedicated emergency button, simple form factor, colour display and on screen keyboard to connect and protect employees anywhere.

## **Emergency: Stay protected**

- Call for help using the dedicated emergency button
- Know with certainty that designated responders have been notified
- Easily respond to emergency confirmation requests
- Use text messaging to provide and receive in-event updates
- Trust the SHOUT nano's best in class GPS acquisition to provide accurate location data to guide emergency responders

## **Two-way text messaging: Stay connected**

- Send text messages to an SMS, email or GeoPro address (up to 309 characters)
- Compose messages or addresses using the on screen keyboard, or simply select a predefined one from your personal message and address books
- Send messages simultaneously to multiple recipients
- Receive audible and visual message alerts and activity prompts

## **Check-in: Your buddy system**

- Easily complete check-ins
- Receive automatic reminders when scheduled check-ins are overdue
- Trust the GeoPro system to alert supervisors if you fail to check-in

## **Waypoints: Unlimited possibilities**

- Capture the GPS coordinates of any location of interest in the field and annotate it with a description (up to 309 characters)
- Use waypoints to identify a toxic spill, equipment repair, usable shelter, location of equipment or tools stored in the field
- Save waypoints as private or send them over the air to the GeoPro Web Application to be published as a resource for others in your organization

## **Tracking: A lifeline in the field**

- Let others follow in your footsteps
- Turn tracking on or off while in-field
- Set or modify the tracking interval — for example, in an area of heightened risk