

NANO

- Supports SBD data
- AES 256-bit encryption
- 50-Channel GPS receiver

metOcean
telematics

iridium®



TELEMATICS

The Iridium Shout Nano is a hand-held satellite tracker and messaging device. The Nano is designed with ultra-low power consumption electronics drawing less than 35µA during sleep. With an internal 1.95 A-Hr rechargeable Li-Ion battery, it can send a position report every hour for up to two months (about 1,500 reports). The Iridium Shout Nano is equipped with on-screen keyboards supporting the transmission of free-text, canned messages and a combination of free-text and canned messages. The device can periodically wake up from sleep to send its position report to a command centre. A guarded 911 button is used for immediate emergency/alert notifications. Data are packaged in either standard or 256-bit AES encrypted format.

TECHNICAL SPECIFICATIONS

Dimensions:	102 mm x 56 mm x 20 mm (4.0" x 2.2" x 0.8")
Weight:	184 g (6.5 oz)
Battery:	Rechargeable Li-Ion battery, 1.95 A-Hr Single Cell, 3.6V to 4.2V
I/O Interface:	Standard USB
Software Interface:	AT Commands through USB
Operating Temp:	-40°C to +85°C (-40°F to +185°F)
Operating Humidity:	< 75% RH
Operating Frequency:	1616 to 1626.5 MHz
GPS Frequency:	1575.42 MHz (L1 carrier)



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