



GTTS 2000B Autonomous Tracking Unit



The **GTTS-2000B** is the only Iridium Short Burst Data (SBD) tracking device that can operate for many years from one battery under the most extreme conditions.

No wiring and zero installation costs make the GTTS-2000B truly unique.

Product Overview

The GTTS-2000B is developed to track and trace objects in the most simple and reliable way covering the entire globe. GPS and Iridium Antennas as well as the battery are enclosed in a robust enclosure. It provides Magnet mounting and there is no wiring needed for installation. Whenever the GTTS-2000B is mounted onto ferrous metal, it turns on automatically. This makes it ideal for rapid deployment and moving from one asset to another.

Applications

Tracking & tracing of vessels, barges, dredgers, offshore buoys, rigs, containers, rail cars, trailers, lighting towers, generators, excavators etc. It is designed specifically for assets where external power is unavailable or difficult and costly to provide, such as one-time transports and sporting events like desert rallies etc.

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Product Specifications

Physical

Size 350x100x50 mm

Weight 1250 gr.

Optional Magnets Weight 180 gr.

Magnets Holding Force 1080 N (~108 Kg)

Environmental

Operating Temperature -40..+65 C

Storage Temperature -40..+65 C

Humidity 100%

Power

Electrical Battery 5.6V / 15.6Ah

Battery Chemistry Lithium Sulfur Dioxide Li-SO₂

Power consumption 60uA typical (sleep)

Expected Battery Lifetime 4000 transmissions

Control

2.4 GHz wireless ANT Used for optional wireless sensors and/or maintenance & control

Motion Sensor Used to control reporting frequency

Ferro Detector Used as turn on/off switch and removal/sabotage detector

Communications

Iridium Constellation True Global Coverage

Frequency 1616 - 1626.5 MHz

Transmission Short Burst Data TDMA/FDMA

Communication Direct IP and/or E-mail

Iridium RX/TX Antenna Integrated Patch Antenna

GPS 20 channels Sirf III

Accuracy 1.8 m CEP(95)

GPS RX Antenna Integrated Patch Antenna

Data Access

Fastwave On-line Tracking System



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