



gtt systems

global tracking & tracing systems

GTTS-2000B

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

The GTTS-2000B is the only Iridium Short Burst Data (SBD) Tracking & Tracing Device that can operate many years from one Battery under the most extreme conditions.

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GTTS-2000B Iridium Global Tracking & Tracing System



Global coverage

True global coverage guaranteed.



Reliable

Only 1 communication provider for global coverage, thus maximum reliability.



No unexpected costs

No roaming costs among providers, thus predictable costs.

Product Overview

The GTTS-2000B is developed to track and trace objects in the most simple and reliable way covering the entire globe.

GNSS 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 last minute decisions to track your assets.

Applications

Tracking & Tracing of Trucks & Trailers, Vessel, Barges, Dredgers, Excavators etc. Especially objects that can't provide a suitable power supply or obtaining power is difficult or costly like container transports, one-time-transport, sporting events like desert rally's etc.

Product Specifications

Physical

Size	350x100x50 mm
Weight	1250 gr.
Optional Magnets Weight	180 gr.
Magnets Holding Force	1240 N (~124 Kg)

Environmental

Operating Temperature	-40 .. +85 °C
Storage Temperature	-40 .. +85 °C
Ingress Protection	IP-67

Electrical

Electrical Battery	5.8V / 15.6Ah
Battery Chemistry	Lithium Sulfur Dioxide (Li-SO ₂) Lithium-Thionyl Chloride (Li-SOCl ₂)
Power consumption	30uA typical (sleep)
Expected Battery Lifetime	>10,000 transmissions

Interface

Motion Sensor	Used to control reporting frequency
Opto isolated input	5..24Volt DC digital input
Analog input	0..30Volt@12bit ADC analog input
Ferro Detector	Used as on/off switch and removal/sabotage detector

Communication

Iridium Satellites	Short Burst Data
Transmission delivery	Direct IP and/or E-mail
Iridium RX/TX Antenna	Integrated Patch Antenna
GNSS Positioning	GPS, GLONASS, GALILEO
GNSS RX Antenna	Integrated Patch Antenna