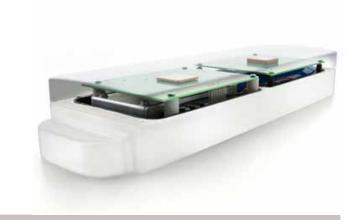




GTTS-2000B

Reliable global tracking system using the Iridium Short Burst Data network



Overview

The GTTS-2000B is an Iridium Short Burst Data (SBD) tracking device with an extended battery life, designed to operate reliably and cost-effectively in the most hostile environmental conditions. Its simple installation process and minimal costs make it a truly unique option for applications that require long-term, low-maintenance tracking and tracing support.

A true 'plug and play' installation process

The GTTS-2000B requires no wiring or switches and has zero installation costs. It simply sticks like a magnet to any ferrous surface and activates itself automatically.

All you need in a single compact enclosure

GPS and Iridium antennas along with a long-life battery are enclosed in a single robust form factor, providing you with a single, all-in-one solution for a broad range of tracking applications.

Activate tracking applications quickly

The GTTS-2000B self-activates whenever it is magnetically mounted on a ferrous surface. It allows you to quickly implement tracking and tracing for a variety of uses such as tracing trucks and trailers, vessels, barges, dredgers and excavators. Its ideal for container tracking and deployment in any environment where power sources are unavailable.

Details		
Manufacturer:	•	gtt systems
Network:	•	Iridium
Device Type:	•	Tracker
Markets:	٠	Tracking

Technical Specs

Product Specifications

Physical

• Size: 350x100x50mm

Weight: 1250g

Optional Magnets Weight: 180g

Magnets holding force: 1080N (~108kg)

Sensors

 Motion Sensor: Used to control reporting frequency

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

Satellite

Iridium Constellation: True Global Coverage

• Frequency: 1616-1626.5 MHz

Transmission: Short Burst Data TDMA/ FDMA

· Communication: Direct IP and/ or email

Iridium RX/ TX antenna: Integrated patch antenna

GPS: 20 channels Sirf III

Accuracy: 1.8m CEP(95)

· GPS RX Antenna: Integrated patch antenna

Environmental

Operating Temperature: -40 to +65C

Storage Temperature: -40 to +65C

Humidity: 100%

Electrical

• Electrical Battery: 5.6V / 15.6Ah

 Battery Chemistry: Lithium Sulphur Dioxide Li-S02

Power Consumption: 60uA typical (sleep)

Expected Battery Lifetime: 4000 transmissions

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

Physical

Reflector Size: 77x 72cm

 Weight: 33.5lb; 15.2kg (with transceiver and universal wall mount)

Inter-Facility Link (IFL) Cable

Type: RG-6, 75 Ohm

· Connector: F (male)

· Length (max): 60m