



GTTS-2000B Iridium Global Tracking & Tracing System

Product Overview

Leap Development's GTTS-2000B series Iridium Tracking & Tracing System was developed to Track and Trace your truck, container, vessel or other assets in areas where there is lack of GSM coverage. The Engineers of Leap Development B.V. have many Years of experience in developing Tracking & Tracing Systems as well as Satellite Communications. They developed the GTTS-2000B in such a way that it can fulfill most of the customer needs without modifications, add-ons or special software versions. It's ruggedized all weather proof housing was especially designed to survive under the most extreme conditions. The GTTS-2000B runs from an application specific designed integrated battery pack that will guarantee fail safe operation under the most extreme temperature conditions. In the basic configuration no wiring is needed. Installation time is kept to an absolute minimum because it provides magnetic mounting and integrated Iridium and GPS Antenna's. An integrated motion sensor and especially designed hardware and software ensures that a maximum of position and status reports can be generated from the batteries life span.

Applications

The GTTS-2000B provides asset tracking with an absolute minimum of installation time. Just "snap-it-onto" and go. 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.

Product Specifications

Physical	Size	350x100x50 mm
	Weight	1250 gr.
	Optional Magnets Weight	180
	Magnets Holding Force	1080 N (~108 Kg)
Environmental	Operating Temperature	-35..+65 C
	Storage Temperature	-35..+25 C
	Humidity	Relative 100%
Electrical	Battery	5.6V / 15.6Ah
	Power consumption	60uA typical
	Estimated Nr. Of Transmission from 1 Battery	3650
Interface	2.4 GHz wireless ANT	used for optional wireless sensors and/or maintenance & Control
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 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	