



gtt systems

global tracking & tracing systems

The **GTTS-3000** is the most cost effective Iridium Short Burst Data (SBD) transceiver for the Maritime Market.

Robustness, Reliability, Long Lasting and a Low Cost price were the keywords during the design of this versatile device.

There is a wide range of options available to accommodate a lot of maritime applications.



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.



GTTS-3000

Maritime Iridium Short Burst Data communication terminal.

GTTS-3000 Iridium Short Burst Data Transceiver



Magnet Mounting

Product Overview

The GTTS-3000 transceiver was developed to track & trace sea going Vessels and offer a true Global SBD two way communication channel. Special care has been taken in the selection of materials, the construction and the various mounting possibilities for optimum performance in a maritime environment. A wide range of options are available to fit most of the customer's needs.



BIC box

Applications

- Support for Electronic Charts (ECDIS)
- Tracking & tracing of all kinds of vessels, dredgers and marine equipment
- Shore Support M2M applications
- General M2M Monitoring and Control

Product Specifications

Physical	Size overall (LxBxH)	19x18x9 cm
	Height above mounting rail or deck	2 .. 7.5 cm
	Magnets Holding Force	1080N (~108 Kg)
	Mounting Hardware	Stainless Steel 316
	Cover UV and Salt water resistant	PMMA/ABS
Environmental	Operating Temperature	-40 .. +65 C
	Storage Temperature	-40 .. +65 C
	Humidity Relative	100%
Electrical	Working Voltage	12 .. 24 Volts DC (8Vmin .. 36V max)
	Power consumption average Receive	<50mA@12V / <25mA@24V
	Power consumption during Transmit	<150mA@12V / <75mA@24V
	Heater	Optional (5W)
	Backup Battery	Optional (7.4V / 2200mAh)
Interface	Serial port I/O	RS-485 / RS-422 (115k2 max)
	1 Opto Coupled digital Input	5 .. 24V DC
	1 Analog Input	0..30V@12bit ADC
	1 Output Open Collector Protected Mosfet	0.7 Amps / 60V DC (Sink)
Satellite	Iridium Constellation	True Global Coverage
	Frequency	1616 - 1626.5 MHz
	Transmission	Short Burst Data TDMA/FDMA
	Communication	Direct IP or E-mail
	Iridium RX/TX Antenna	integrated Patch Antenna
	GPS (L1band)	Fastrax IT-500
	Accuracy	1.8 m
	GPS RX Antenna	integrated Patch

