



Overt and covert systems to locate, monitor and protect people and property worldwide

GT2000M

SATELLITE

THURAYA MARINE

What is the GT2000M Thuraya Marine?

The GT2000M is a second generation vessel tracker built on the Thuraya-Module. It allows users to track, monitor and communicate (voice, text and fax) with their marine assets (commercial vessels, ferries, fishing boats, water taxis, leisure craft, tugs etc) when travelling anywhere under the broad 200+ country footprint of the Thuraya satellite.

The system uses a latest generation SiRFIII GPS processor to acquire the asset's exact position on the earth's surface, and then transmits this via the Thuraya satellite system – direct to our ThurayaLocate™ web locating service, our GeonixLocate™ web locating service or to the customer's monitoring centre.



What does it allow you to do?

- keep continuous real-time track of your maritime vessels. Works with the Thuraya satellite network to ensure constant coverage across two thirds of the globe's surface
- provides automated emergency alarm via single key
- provides voice services to wireless handset plus extensions
- ruggedised, IP-66 rated metal enclosure allows use in adverse situations
- flexible connectivity: up to 4 DECT phones, fax and PC connections
- allows for low-cost SMS text messages to all handsets
- GmPRS data services at up to 60kbps
- provide additional alarm functions through use of a remote panic button
- allows separation and privacy between crew and passengers, with built-in intercom
- provide added safety, security and peace-of-mind to crew and passengers

Why buy a GT2000M for your tracking solution?

- cost effective: a unique tracker in a ruggedised enclosure unit offering maritime vessel locating across the whole of the Thuraya service area
- multi-purpose: tracker, voice and text with instantly available alarm panic button
- available options include active or stabilised marine satellite antennas
- support and advice for your tracking and monitoring needs from a company that is a leading expert in tracking, monitoring & surveillance

Key Features:

- tracking data sent to centre via GmPRS messages
- uses latest SiRFIII GPS chipset
- rugged IP66 casing: 260mm * 220 mm * 58 mm
- voice capability with up to four wireless handsets
- flexible programming of reporting periods
- G3 fax connection
- PC data connection
- active omni-directional antenna or stabilised marine antenna
- configurable over the air
- handset LCD shows call status/ SMS text
- if GmPRS is lost, unit catches up with reports when signal returns

Requirements for end-to-end position reporting solution:

- SIM card from local Thuraya Service Provider
- ThurayaLocate™, ThurayaRelay™, ThurayaAssist™ or GeonixLocate™ software

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Advanced tracking, monitoring and communications units that operate across both Satellite and GSM platforms



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GT2000M Thuraya Marine

dimensions	260mm(L) * 220mm(W) * 58mm (D)
weight	3 kg
operating temperature	-10° C to +55° C
enclosure	waterproof, IP66 rated, aluminium diecast
cables	12V 3A power supply waterproof 1 metre waterproof USB cable 2 metre waterproof J-11 cable

Thuraya Handset Specifications (data ex Thuraya)

wireless handset	138mm * 54mm * 26mm, UV protected, IP66 casing (up to 4)
handset cradle	137mm * 74mm * 42.5mm including charging base
power supply	universal AC/DC 12V 3A, waterproof
LCD display	displays call status, text messages
software	utility CD

Communications Protocols

internal GPS protocol	NMEA 0183
connection to server	Standard Thuraya GmPRS
satellite communications	Thuraya satellite at 1.5/1.6 GHz

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