

TECHNICAL SPECIFICATIONS AND VEHICLE COVERAGE

SYSTEM COMPONENTS

- Multi-brand remote diagnostic system
- Communication via GPRS/GSM
- GPS satellite navigation and tracking system
- Logistic data processing and management software
- Diagnostic and maintenance information processing and management software

Power supply: direct from the vessel's 12V/24V battery

Batteries: rechargeable Ni-Mh 1000 mAh

Consumption: at 12V DC 250mA / 700mA - at 24V DC: 150mA / 400mA

Operating temperature: -40° +85°

Male MCX connector for GPS antenna

Sensors: intrusion, movement, 3 axis, +-10 g accelerometer

Dimensions and weight: 178x117x50mm, 360 g

Tel. GPRS: Quad-Band Class 10 – **GPS module:** SiRF-StarIII, 20 channels, High sensitivity

Conforms to ECE-ONU R116 standards – Directive 99/05/CE

Interfaces: 6 x RS232C (only 1 external), 2 x K/L, 1 x J1708, 1 x CAN (optional)



JET SKIS				
HONDA MARINE	KAWASAKI	SAEDOO	YAMAHA	

INBOARD ENGINES						
FNM	FPT	MERCURY MERCURISER	SAEDOO	VOLKSWAGEN MARINE	STEY MOTORS	VOLVO PENTA

OUTBOARD ENGINES							
EVINRUDE	HONDA MARINE	MARINER	MERCURY MERCURISER	MERCURY MARINE	MERCURY RACING	SUZUKI MARINE	YAMAHA

WARNING

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COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =

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TEXA



TMD MARINE TMD MARINE DIAGNOSTICS

TOTAL SECURITY FOR BOATS: THE FIRST SYSTEM ON THE MARKET THAT COMBINES TRACKING AND ANTI-THEFT FUNCTIONS WITH ADVANCED REMOTE DIAGNOSTICS FOR MAJOR ENGINE BRANDS

Enjoy your passion for the sea in complete safety with TEXA's exclusive, advanced TMD control system.

TMD tracking and diagnostic devices can be fitted quickly and easily to the boat without modifying its original systems. Compact, robust and safe, TMD can be installed without interfering with your boat's on-board electronics. The device can even be installed where it is completely hidden (antenna included) and connects to the diagnostic socket with which all modern marine engines are equipped.

TMD interfaces with the electronic control system of your boat's engine, monitoring parameters and identifying faults and errors whenever they occur. These can later be viewed and analysed in the comfort of your workshop using a standard Windows PC, or can be transmitted immediately by SMS to one or more mobile phone numbers.

TMD's innovative technology ensures that your boat is always under complete control, thanks to a precision tracking system and additional functions including specific warning and anti-theft alarms. The system even provides integrated maintenance management and an exclusive remote analysis function for all the parameters of your engine's electronic control units. TMD is available in 2 models, differing in the functions they provide:



TMD Marine is the entry level version and combines a tracking system with specific warning alarms.



TMD Marine Diagnostics is the more complete version. In addition to the basic functions, it also incorporates an exclusive remote diagnostic system.



Both models use simple and intuitive software developed entirely by TEXA. All your boat's data can be viewed on the web and displayed remotely on a normal Windows PC.



Precise tracking of your boat.



Remote self-diagnosis of engine control unit and parameters.



Reporting of engine ECU errors.

TMD IS AN INTEGRATED SOLUTION FOR MONITORING AND MANAGING YOUR BOAT, EVEN AT A DISTANCE.

TMD uses GSM/GPRS technology for remote communications. GSM/GPRS allows TMD to provide a wide range of remote maintenance (under GSM/GPRS coverage) and security services, such as boat tracking and the ability to shut down and lock the engine in the event of theft, with a simple SMS message. The GEOFENCING function locates your boat and warns of any unauthorised movement in port.



ENGINE BLOCK (Optional)

By enabling the relevant checks, a series of additional alarms can be activated, triggered for example by operation of the bilge pumps, disconnection of quayside mains power, detection of unauthorised entry, excessive movement in strong winds or undertow, low service battery charge, or movement caused by dragging or loss of the anchor.

In the Diagnostic version, TMD also incorporates TEXA's exclusive remote diagnosis, permitting remote monitoring and analysis of engine parameters that would normally only be possible within the workshop. This saves both time and money, and ensures an unrivalled level of safety for the vessel owner.

The main engine's electronic parameters can be checked on the web on a Windows PC. Your trusted mechanic can therefore identify the causes of a fault even from a remote location.

This can avoid you having to interrupt a cruise to deal with minor malfunctions or false alarms and, in the event of a genuine breakdown, ensures that you get the right spare parts delivered straight to the boat and avoids a slow and costly tow back to a port for repairs.

If the fault is an electronic one that causes warning lights to come on, these can even be cancelled remotely to restore normal operating conditions.

All activities are logged for subsequent analysis and for maintenance and service management purposes. TMD is therefore indispensable for fleet operators like fishing and charter companies.



All TEXA products are guaranteed for 24 months

To view demos showing TEXA instruments in operation visit www.texatmd.it