

MatysOnBoard INMARSAT D+

Marine Communications & Monitoring Solution

MatysOnBoard is a breakthrough marine communications and monitoring solution that provides yacht support services anytime, anywhere. More than just a tracking application, the state-of-the-art solution uniquely integrates a robust onboard wireless data communicator and a one-stop 24/7 contact center providing access to international yachting service providers. **MatysOnBoard** facilitates safer and more efficient offshore yachting for commercial vessel operators and private yacht owners worldwide.

MatysOnBoard is available in three series that support the main global coverage satellite technologies for marine applications: Iridium, Orbcomm, and Inmarsat D+.

Key Capabilities

Tracking

Automatic Web-based tracking with positions displayed on nautical charts
User-controlled tracking frequency
Real-time position updates for selected users, family and friends

24/7 Support Center

Distress signals trigger operator confirmation and professional response

Short Text Messaging

2-way free-text messaging
Pre-installed canned messages



Matys Integrated Communicator

Designed for marine applications and proven at sea, this compact, lightweight unit incorporates global coverage satellite and cellular modules for cost-effective two-way communications and vessel tracking.

Dual-mode satellite and cellular (GPRS/GSM) communications

Integral GPS for pinpoint positions, heading and speed

Two easy-to-use alarm push buttons for level-1 and level-2 emergency response that automatically send out distress signals with vessel's ID and position

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Features & Specifications

Onboard System Component

MATYS integrated Inmarsat D+/cellular communicator with built-in GPS module

Antennas

Inmarsat D+ compact antenna with 4 m cable

GPS antenna: 52 x 43 x 13 mm with 5 m cable

Connections

Digital/analog I/O connection cable for interfacing various external devices (optional)

Interface

LCD display: up to 32 characters at one time

Functional keyboard and easy-to-use push buttons

2 alarm push buttons for level-1 and level-2 emergency response

Power

Input: 12 volt (24 volt optional)

Current draw: 100 mA receive mode, 1.5 A (pulse) in transmit mode

External or internal backup battery (optional)

Physical

Dimensions: 210 x 146 x 48 mm

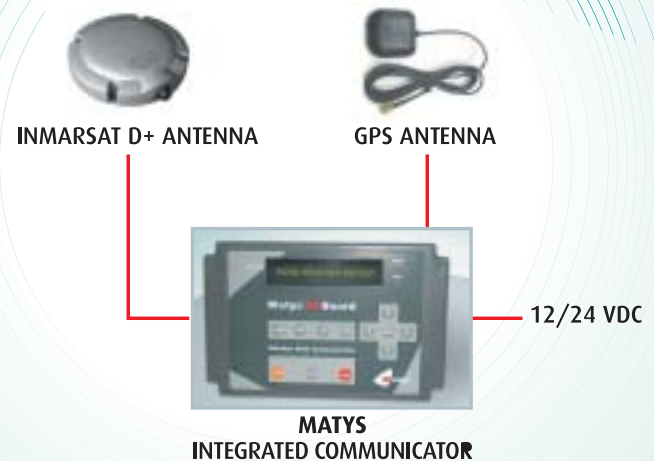
Weight: ~700 grams

Temperature

Operating: -10°C to +55°C

Storage: -20°C to +65°C

MatysOnBoard INMARSAT D+ Configuration Compact ■ Easy to install ■ User friendly



Web-Based Tracking

About Matys

Matys develops, markets and supports unique marine telematics solutions. The company's flagship product line, **MatysOnBoard**, comprises state-of-the-art marine communications and monitoring solutions for commercial vessel operators and private yacht owners worldwide. A privately held company, Matys is a subsidiary of ITURAN, a leading international supplier of vehicle tracking and communications systems.



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