

EXOCET BLUE DATA MANAGER

A COMPLETE DATA MANAGEMENT SYSTEM TO MAKE THE BEST DECISIONS ON BOARD

EXOCET Blue is a unique multi-protocol, multi-interface data acquisition system compatible with most marine equipment and software. Designed for the extreme environment of competitive sailing, it also adapts to all kinds of marine and aeronautical projects.

MAIN FEATURES



DATA ACQUISITION AND PROCESSING



LIVE DATA VISUALIZATION



SECURE DATA STORAGE



ALERT SYSTEM



REMOTE DATA



DATA EXPORT TO OTHER SYSTEMS



EXOCET BLUE OFFER

- An EXOCET Blue box
- Two connection cables: CAN + Ethernet CAN
- A user guide

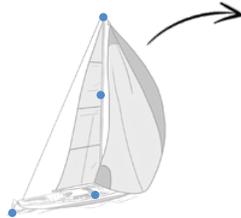
OPTIONAL COMPLEMENTARY PRODUCTS

- Two additional cables: serial and IO/analog
- ExoConnect connection box: analog or serial
- 1 or 2 buzzer alarm box
- Contact input extension box (x16 inputs)
- Contact output extension box (x8 outputs)
- Analog, serial expansion boxes on CAN or Ethernet
- Cloud subscription

OPTIONAL ADDITIONAL SERVICES

- System configuration and interface customization (2 to 8 days) to be determined according to your specifications
- Multi-sensor system architecture
- Onboard integration
- Fiber optic instrumentation service
- Service for interfacing sensors not previously listed

HOW DOES IT WORK ?



SENSORS

Instrumentation: fiber optics, load cells, detection and positions sensors, energy sensors, ballasts, etc.

Hydraulics: pressures, forces, cylinder positions, etc.

Motorization: engine rpm, temperatures, consumption, etc.

Navigation: wind, attitude, performance, GPS, environment, etc.



- DATA ACQUISITION AND PROCESSING
- DATA EXPORT TO OTHER SYSTEMS
- DATA LOGGING
- ALERT SYSTEM



DATA VISUALIZATION AND ALERTS

Customizable alerts



- Customizable multi-media display, including compatible watches
- Compatible with on-board displays (B&G, Simrad, Garmin, NKE,...)

Intuitive, responsive Web Interface



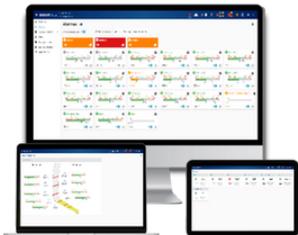
Control Keypad

REMOTE DATA TRANSMISSION

- Remote data visualization for live tracking and monitoring by remote teams.
- Remote recording of on-board data for later analysis and sharing with third parties (performance analysis, incident studies, etc.).

WHY CHOOSE EXOCET BLUE ?

- ✔ Compatible with most marine sensors and systems
- ✔ Features and graphical interfaces tailored to your specific needs
- ✔ Real-time monitoring locally or remotely
- ✔ Accurate acquisition and processing of large volumes of time-stamped data



SPECIFICATIONS

PHYSICAL AND ENVIRONMENTAL

- Weight: 350 g
- Size: 113 x 97 x 40mm
- Materials: Anodized aluminum
- Operating temperature: -10°C / +50°C
- Water resistance: IP67
- Input voltage: 9 - 15V
- Power consumption: 4W
- Certifications: CE EN 60945 and FCC

INPUT/OUTPUT INTERFACES

- 1x Ethernet
- 2x CAN 2.0
- 6x Analog Inputs - 16 bits 50 Hz
- 2x Digital contact inputs
- 3x Digital contact outputs
- 5x RS232 series
- 1x RS232 / RS422 series

APPLICATIONS

- BOOST YOUR PERFORMANCE
- OPTIMIZE MAINTENANCE
- ANTICIPATE INCIDENTS
- MONITOR AND IMPROVE STRUCTURES
- MONITOR A VESSEL FLEET
- MONITOR YOUR ENVIRONMENT
- CONDUCT PERFORMANCE AND INCIDENT ANALYSES

