



Ocean Data System
ELECTRONIC MARINE SOLUTIONS

TenSeaZy

A comprehensive and hands-on wireless telemetry solution with a quick & easy implementation

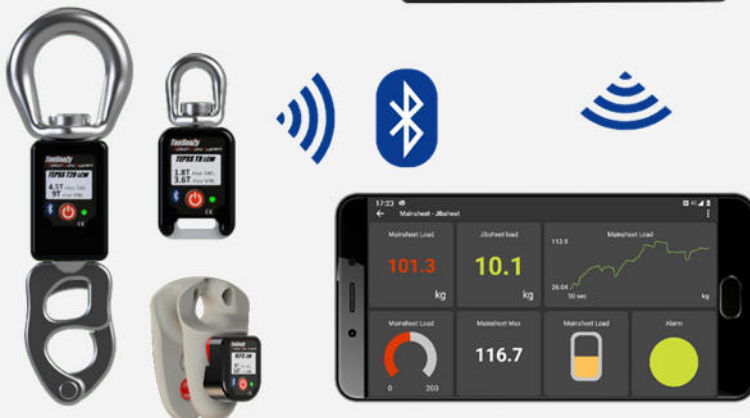
- Extended sensor range with many options
- Remote reading on the TenSeaZy® app
- Synchronized data recording
- Remarkably power efficient
- Fast and cost-effective solution
- High flexibility, high accuracy, high quality measurement

BE SMART & SIMPLE !!
The wireless telemetry
easy going !!



From the simplest ...

- **Load measurement**
 - From 1 to many connected TenSeaZy® sensors
- **Remote display on smartphone and tablet**
 - Build powerful expressions to define exactly what gets displayed,
- **Wireless transmission**
 - Range up to 90 metres (295ft) line of sight
 - Automatic and user-friendly connection

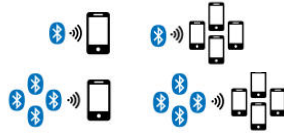


... to the most powerful

- **Measurement**
 - From many sensors either wireless or not
- **Wireless transmission**
 - Bluetooth® TX/RX between sensors, mobile device, TenSeaZy® logger, TenSeaZy® BT module, TenSeaZy® gateway, ODS controllers.
- **Data sharing from and to external devices**
 - Collect data from marine instruments
 - Send measured data to marine instruments
 - From and to any NMEA0183, NMEA2000 or NKE compliant devices
- **Synchronized data recording**

... An extended range of sensors

- Our point-to-point system delivers multiple transmitters to one or many mobile devices or ODS controllers.



- All wireless sensors from Ocean Data System are compliant :
 - * TEPSS LCW/LKW - ECB LCW - ILSense LCW
 - * Wireless Loadpins, Turnbuckles, Toggles, fitting eyes,...
 - * Fibre optics

.... TenSeaZy® gateway

It allows transmission of the load data from the wireless sensors to most of the marine electronics networks and softwares.

- NMEA2000, NMEA0183, NKE
- Analogue signal

.... TenSeaZy® Hub - analogue-mV/V-relays

It enables to connect standard wired sensors and actuators and transmit the load data and commands wirelessly to the other TenSeaZy compliant devices

- Up to 6 analogue inputs (0-5v or 0-10v)
- Up to 3 strain gauge amplifiers (mV/V)
- Up to 2 relay outputs
- Bluetooth transmission, several antenna options
- Rechargeable battery or external power supply



... Easy and efficient data logging

- Behaviour and environmental data collected from NMEA183 or NMEA2000 instruments.
- Synchronized *.CSV format data recording
- Data retrieval with USB key or FTP access
- Fully configurable data recording
- Rechargeable battery or external power supply



... Special projects and developments

- Our TenSeaZy® core technology can be custom integrated to bring up any sensor or mechanical part to the wireless load measurement capacities.

- PCB, battery, BT Antenna, Qi coil, all these components fit a 27x27x17mm footprint.

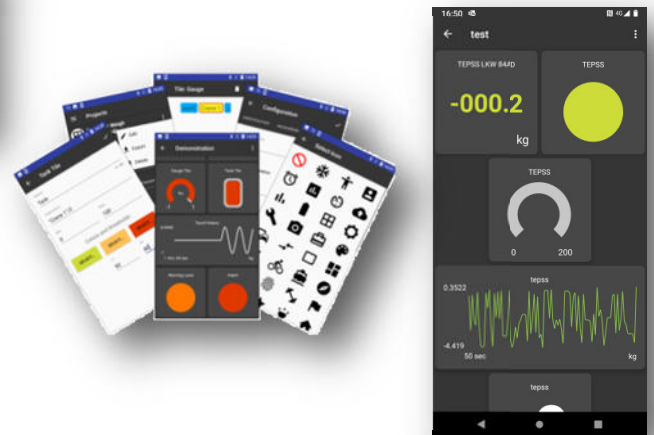


Our engineers would be delighted to study and design new wireless sensors, devices and special project integration according to your requirements.

... Free TenSeaZy® App

The TenSeaZy® App interface creates uncluttered dashboards for hands-on measurement on Smartphones or Tablets

- Android & iOS compliant
- Fully user configurable including user calibration, TX rate (from 1 every 10s to 10 Hz), resolution, scale
- Display data from up to 12 TenSeaZy® transmitters
- Choose from 5 different tile types to customise your dashboard with the automatic best-fit layout
- Display processed data including
 - * Current calibrated value and raw data
 - * Peak load on the user-defined sequence
 - * Average value on the user-defined sequence
 - * Data presented as mathematical expressions



... Real-time data processing

The TenSeaZy® technology is part of the whole command/control solutions from Ocean Data System. Hence it can be integrated into the ODxA®, UpSideUp®, Sailin'Ctrl®, NDR® controllers and the ODxI® HMI builder.

Do not use the ODS Developments products for human suspension, unless product is specifically certified and labelled for such use.

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