

GLOMEX
The best to measure automatic

ZigBoat™
Wireless, cloudless, uniqueness.

WIRELESS REMOTE CONTROL SYSTEM



REAL TIME ENCRYPTED CONNECTIONS



ADDITIONAL SENSOR OPTIONS:



BOAT CONTROL AT YOUR FINGERTIPS

ZigBoat™ is an **innovative wireless system for monitoring and interacting with your boat either remotely or while on board** ensuring safety and peace of mind. The ZigBoat™ consists of a core module (Gateway) and a series of standard and optional sensors that can be added to fit your specific needs. Thanks to **ZigBee and Wi-Fi** wireless technologies, which have **direct communication** with onboard sensors without the need for a cloud, **ZigBoat™ sends real-time push notifications** when critical events occur. Using the **ZigBoat™ app**, you can check boat information that is being monitored by the system. As an added bonus, **Glomex offers free "Remote Control" and "Firmware upgrade" services.**



Motion sensor



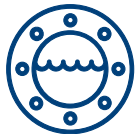
Heat Alarm sensor



Smoke alarm sensor



Smart Plug
220 Vac



Portholes/Doors
sensor



Battery sensor



**Anchor watch



**Battery Charge
control



**Bilge pumps
advanced control



** Video surveillance



**GPS / Geofencing



Shore power
sensor



Flood sensor



**NMEA



Weather sensor



**Lighting control

COMPLETELY WIRELESS ZIGBEE AND WIFI TECHNOLOGY FOR FAST COMMUNICATION WITH ONBOARD SENSORS



BATTERY SENSOR

Receive push notifications if your battery voltage is low



BATTERY CHARGE CONTROL

Monitor battery voltage



SMOKE ALARM SENSOR

You will be instantly notified of smoke detection



SMART PLUG

Switch on or off electrical devices remotely



FLOOD SENSOR

Be instantly informed if the boat is taking on water. Moreover, the Flood Alarm has a built-in siren that will sound when water is detected



HEAT ALARM SENSOR

Detects both rapid heat rise and absolute heat levels, and alerts you if a critical event occurs



PORTHOLE/DOORS SENSOR

You will receive alerts in case of opening and closing on doors and portholes on your boat



BILGE PUMPS CONTROL

Switch on or off bilge pumps in case of flooding



VIDEO SURVEILLANCE

Monitor the area using onboard security cameras wherever you are



MOTION SENSOR

Detects movement and immediately communicates it to your mobile device



LIGHTING CONTROL

You can control and manage the onboard lighting anytime and anywhere



GPS

Track boat location and movement



ANCHOR WATCH

GPS positioning allows detection if your anchor starts to drag



GEOFENCING

Track your boat and send notification when it's out of the set range



WEATHER SENSOR

Get sea and weather condition such as temperature, humidity, pressure and air quality



SHORE POWER SENSOR

Alerts you if there is a power shortage or variance at your pontoon or marina



NMEA 2000

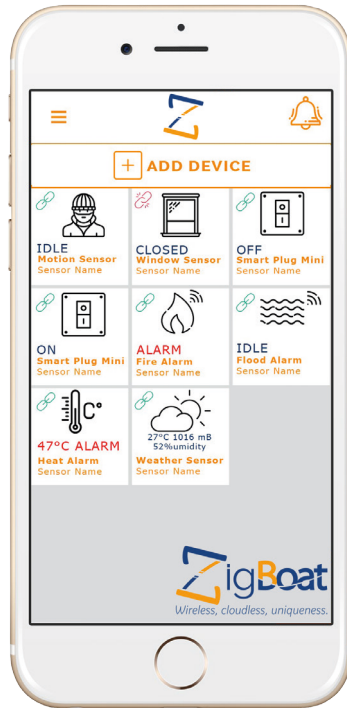
Connection upgrade to onboard NMEA 2000 devices



SATELLITE V SAT

ZigBoat is VSAT compatible

FULL CONTROL IN ONE DASHBOARD



PUSH NOTIFICATIONS



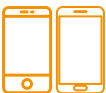
INTUITIVE DASHBOARD



INTERACTION WITH THE BOAT



CONTROL ONBOARD SENSORS



FOR IOS AND ANDROID DEVICES



CUSTOMIZABLE SETTINGS

EASY PLUG & PLAY

ZigBoat is easy to install and use. No cable needed. Just **Plug & Play** for wireless remote control & monitoring of your boat

SAFE AND RELIABLE

The ZigBoat gateway uses direct, encrypted and real-time **Peer-to-Peer** connection platform to communicate with your mobile devices (smartphone and tablet) and have boat control anytime and anywhere

LATEST GENERATION TECHNOLOGY

Based on WiFi and **ZigBee** wireless technologies for fast and easy connection with the onboard sensors and managed by the ZigBoat iOS or Android App









FLEXIBLE, MODULAR AND EVOLVING

ZigBoat offers several sensors and features to meet your specific needs, quickly and easily manage and configure via the App. The system can be integrated and expanded with **unlimited** additional sensors

























TECHNICAL SPECIFICATIONS

GATEWAY	
DIMENSIONS (W x H x D)	102 x 102 x 28 mm (4" x 4" x 1.1")
FREQUENCY	2,4 GHz
WLAN	2,4 GHz - 802.11 b/g/n (Access Point and/or Station)
ZIGBEE	2,4 GHz
POWER SUPPLY	12-24 V dc
POWER CONSUMPTION	Typical 250 mA @ 12 V dc (Max 800 mA)
ETHERNET PORT	1 x 10/100 MBps
USB PORT	1 x USB port

ZIGBOAT – cod. ZB101


Gateway - <i>cod. ZB100</i>		
Battery sensor - <i>cod. ZB201</i>		
Flood sensor - <i>cod. ZB202</i>		
Portholes/doors sensor - <i>cod. ZB205</i>		

OPTIONAL FEATURES


Product name/cod		Availability
3G/2G USB key - <i>cod. ZB210</i>		
Heat alarm sensor - <i>cod. ZB203</i>		
Smoke alarm sensor - <i>cod. ZB204</i>		
Motion sensor - <i>cod. ZB206</i>		
Smart Plug - <i>cod. ZB207</i>		
Weather sensor - <i>cod. ZB208</i>		
Shore power sensor - <i>cod. ZB209</i>		
GPS		2 nd quarter 2018
Geofencing		2 nd quarter 2018
Anchor watch		2 nd quarter 2018
Video surveillance		2 nd quarter 2018
Bilge pump sensor		2 nd quarter 2018
Lighting control		2 nd quarter 2018
Battery charge control		2 nd quarter 2018
NMEA 2000		2 nd quarter 2018
weBBoat 4G Plus – 3G/4G and Wi-Fi DUAL SIM Coastal Internet integrated internet system		

FAST ACTING INNOVATION

For more than 30 years, Glomex has been a leader in both **technology** and **innovation**. Our main focus is to provide quality products at a fair price demonstrating this technology and innovation. As part of our core competency, we will continue to innovate, drive process improvement, and delight our customers.



In 2014, Glomex evolved even more to accommodate the demand in new technologies and introduced the first internet/cellular/WiFi device called the **weBBoat 4G**. This integrated **Coastal Internet** system was so innovative, that it won the prestigious **DAME Award**. In following that innovation, Glomex released the **weBBoat 4G Plus**, which introduced DUAL SIM capability as well as more powerful 3G/4G/WiFi antennas ensuring maximum stability and connectivity both on and offshore. The latest in this technology will introduce the **weBBoat 4G Lite**, the compact model catering to those that do not require the extended features of 4G Plus.



In 2017, Glomex increased its dedicated research and development engineering to offer the **ZigBoat™**: the innovative **wireless system for monitoring and interacting with your boat either remotely or locally**, ensuring safety and peace of mind. Thanks to the ZigBee and WiFi wireless technologies, and above all to direct communication with onboard sensors without the need for a cloud, the ZigBoat™ sends real-time push notifications when critical events occur.

