ZigBoat™

Wireless, cloudless, uniqueness.

What is ZigBoat™ ?

Wireless, cloudless, uniqueness.

- *ZigBoat™ is an innovative wireless system for monitoring and interacting with your boat either remotely or while on board*

Mobile Application

Gateway

ZigBee® sensors

One-to-one connection
(Wi-Fi or 3G/4G)

Available on the App Store

ANDROID APP ON Google play

BOAT CONTROL AT YOUR FINGERTIPS
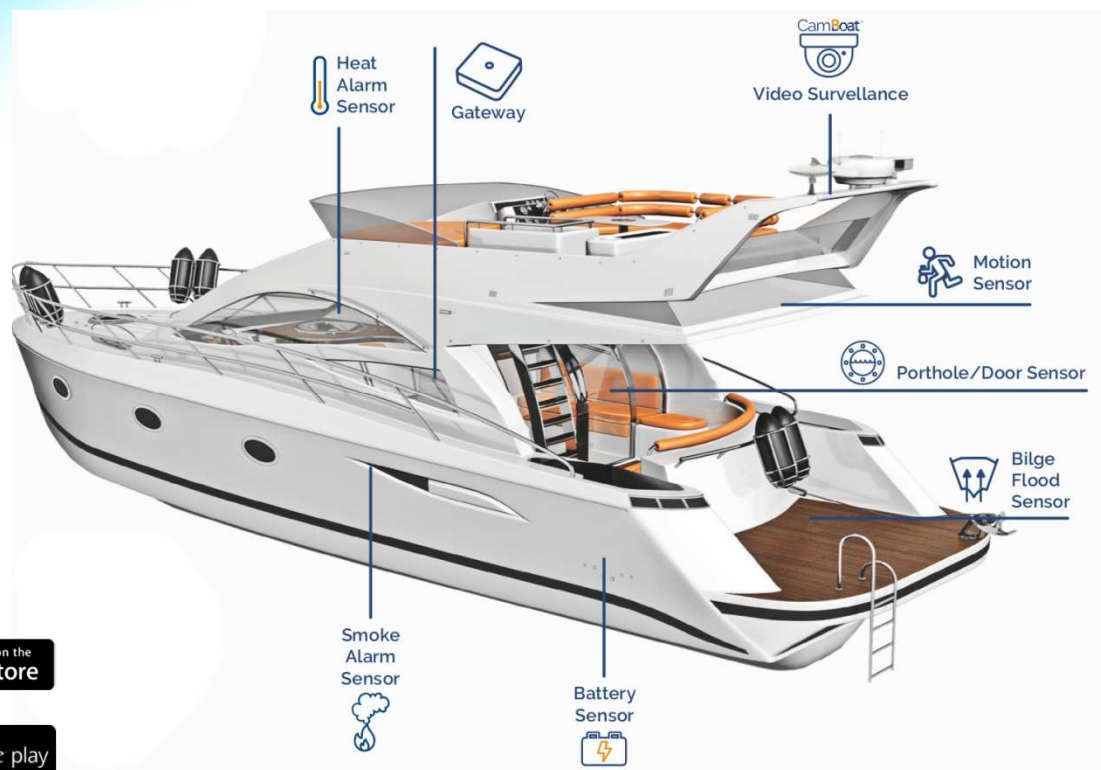
Wireless

o *No cables needed*

o *All sensors are wireless*

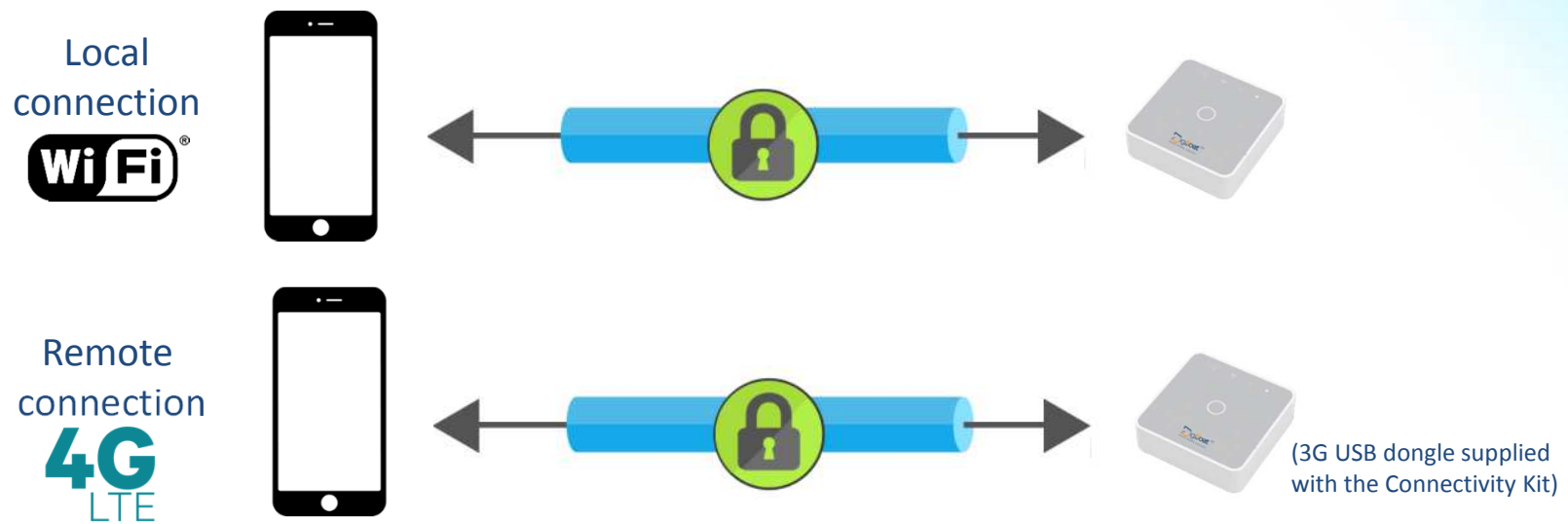o *ZigBee® is the wireless communication technology used for the sensors*

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ZigBee® vs. Wi-Fi® and Bluetooth®

Features	Z	Wi-Fi	Bluetooth
Battery life	3 to 5 Years	Weeks	Months
Network size	Unlimited	32	up to 7 devices
Interference with 2.4 GHz wireless technologies	Low	High	Medium
Co-existence with 2.4 GHz wireless technologies	High	Low	Medium
Adaptive Network flexibility	High	No	No
Network Topology	Mesh	Star	Star

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KEY POINTS:

o *Direct, encrypted and real-time peer-to-peer connection between your mobile device and ZigBoat^{TM}*

Local connection
Wi Fi®

Remote connection
4G LTE

(3G USB dongle supplied with the Connectivity Kit)

Why is this so important?

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KEY POINTS:

o *No cloud Service*

o *No additional fee*

o *No Privacy Policy hassle*

How can you insist on these ZigBoat keypoints?

2 Kits available

Starter Kit
Code ZB101

Connectivity
Kit
Code ZB104

ZigBoat™ USB DONGLE

- *With the optional 3G USB dongle, you can*

✓ *connect the Gateway to internet and/or*

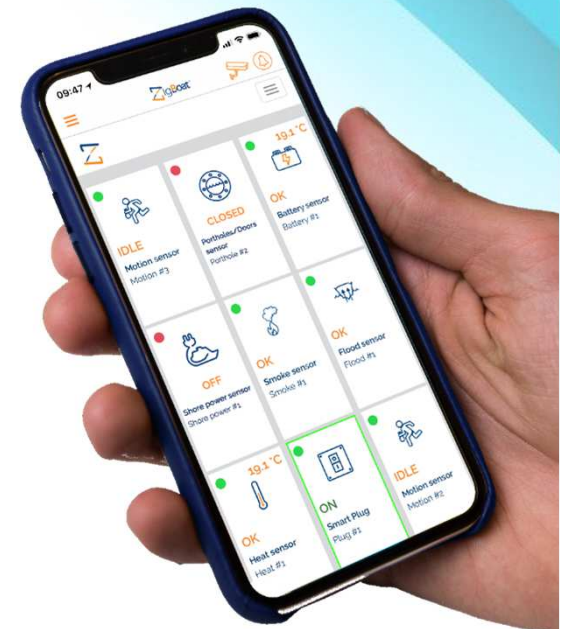✓ *receive SMS messages to defined phone numbers when an alarm is triggered*

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KEY POINTS:

o *The App can manage unlimited additional Gateways*

o *ZigBoat can be expanded with unlimited additional sensors*

o *additional sensors*

GLVS100 VIDEO SURVEILLANCE Wi-Fi HD IP security camera allows you to monitor the area remotely wherever you are and at any time, ensuring safety and peace of mind.

ZB211 WIRELESS GPS Tracks boat location and movement using a real time, direct and 1-to-1 encrypted connection to ensure 100% privacy and safety. For indoor and outdoor installation. Glomex patent pending.

ZB210 3G/SMS USB DONGLE Allows you to receive SMS notifications and/or to connect the ZigBoat™ gateway to the internet for push notifications on your Zigboat™ App (SIM Card not included).

ZB209 SHORE POWER SENSOR Allows you to instantly switch on and off the shore power (or other power sources) remotely. It works at 230 Vac.

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o *additional sensors*

ZB207 SMART PLUG - 230 VAC Allows you to switch on and off electrical devices remotely.

ZB206 MOTION SENSOR Detects movements on your boat and immediately send you push notifications.

ZB205 PORTHOLE/DOOR SENSOR Will send you alerts in case of opening and closing on door and portholes on your boat.

ZB204 SMOKE ALARM SENSOR You will be instantly notified of smoke or fire. Moreover, the sensor has a built-in siren that will sound an alarm in case of smoke detection.

additional sensors

ZB203 HEAT ALARM SENSOR Detects both rapid heat rise and absolute heat levels, and alerts you if a critical event occurs , both with the built-in siren and send you push notifications.

ZB202 BILGE FLOOD SENSOR Sends you push notifications if the boat is taking on water. Moreover, the Bilge Flood Sensor has a built-in siren that will sound an alarm when water is detected..

ZB201 BATTERY SENSOR Monitors the battery power bank voltage and sends you push notifications if it drops below a fixed threshold. It works both for 12V and 24V battery power banks.

ZB100 GATEWAY It is the core module of the ZigBoat™ system. It's an open platform that can be integrated with unlimited ZigBoat™ additional sensors and features. If connected to the internet sends you push notifications on your mobile device.

o *additional features coming soon*

GEOFENCING Tracks your boat and send notification when it's out of the set range**.**

ANCHOR WATCH GPS positioning allows detection if your anchor starts to drag.

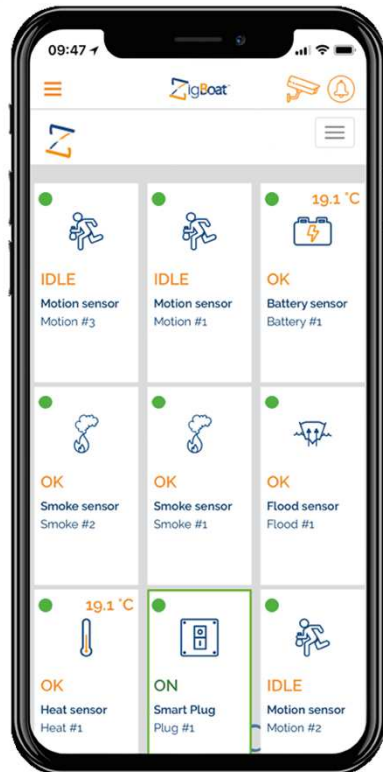**FLEET TRACKING** Tracks your fleet using a direct, encrypted and real-time connection to ensure 100% privacy and security.

Packaging

ZigBoat™ mobile App

- *Take the control of your boat in your hands*

PUSH NOTIFICATIONS

INTERACTION WITH THE BOAT

FOR IOS AND ANDROID DEVICES

INTUITIVE DASHBOARD

CONTROL ONBOARD SENSORS

CUSTOMIZABLE SETTINGS

Available on the App Store

ANDROID APP ON Google play

ZigBoat™ mobile App
Adding the Gateway

- *Scan the **QR code** on the bottom of the Gateway, then it is activated in your ZigBoat™ mobile App*

- *The QR code contains all the information about the Gateway configuration and the secure one-to-one remote connection*

QR code

- *The gateway will appear in the Gateway list on your mobile device and will be ready to use*

ZigBoat™ mobile App Tabs

- *There are 5 tabs in the mobile App:*

  o *Overview*

  o *Device List*

  o *SMS*

  o *Info*

  o *Settings*

ZigBoat™ mobile App
Overview tab

Online/Offline

CamBoat™

Enable/disable push notification

Sensor status

Sensor type

Icon

Custom sensor name

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ZigBoat™ mobile App Device list tab

- *To manually add a sensor in the Device List*
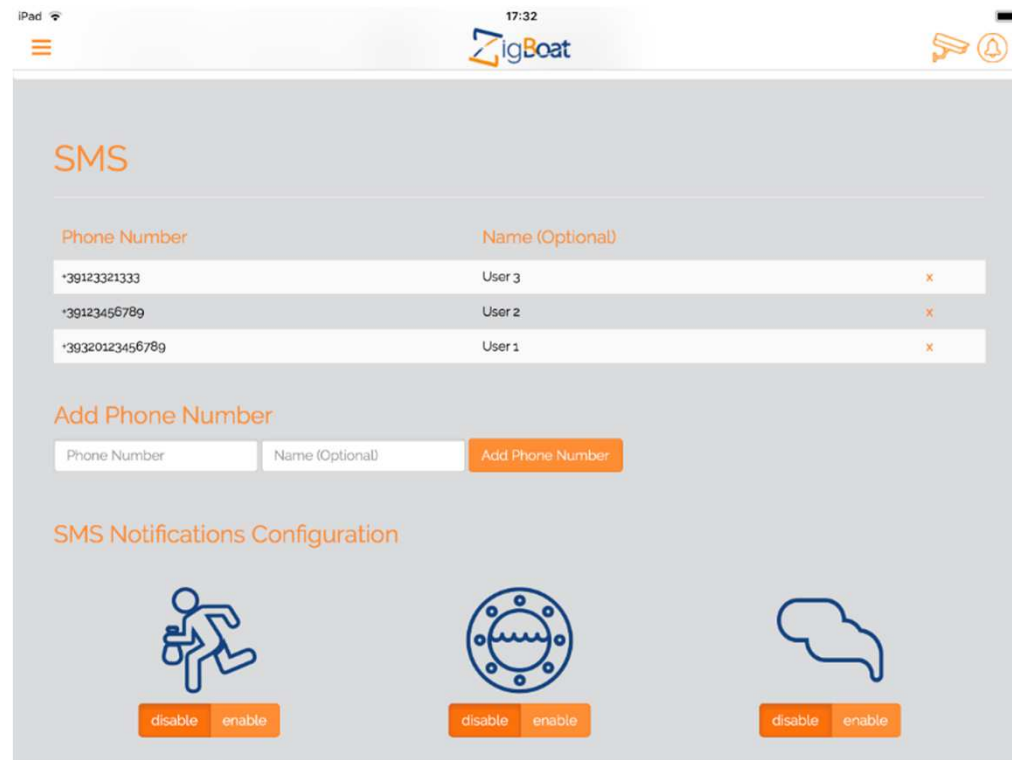 *type the Serial Number of the Device in the EUI/Serial No column*

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ZigBoat™ mobile App SMS tab

o *Sends SMS mesages up to 5 GSM numbers*

o *Enable/disable SMS notifications by sensor type*

ZigBoat™ mobile App Info tab

o *When the status of a sensor changes,*
  ZigBoat™ informs you with a Push Notification and/or SMS to your mobile devices
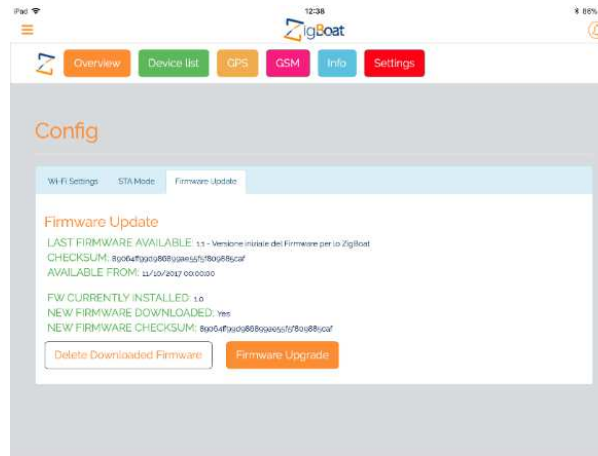

Notifications log

ZigBoat™ mobile App Settings tab

o *There are 3 menus in the Settings tab:*

WiFi Settings
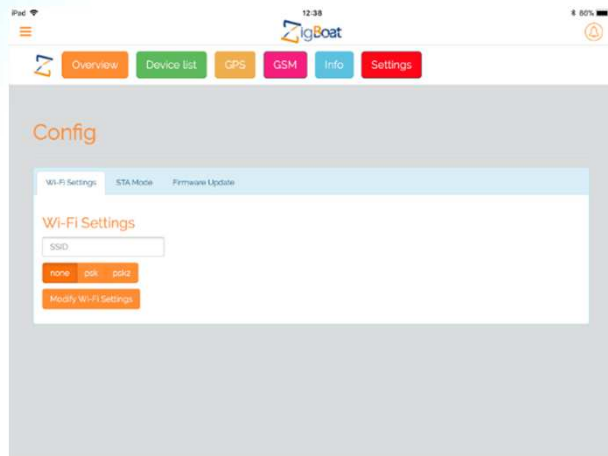
Firmware Update

Station Mode