

# GLOMEX®

*The best in marine antennas*

## 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



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

## Gateway



ZigBee®  
sensors

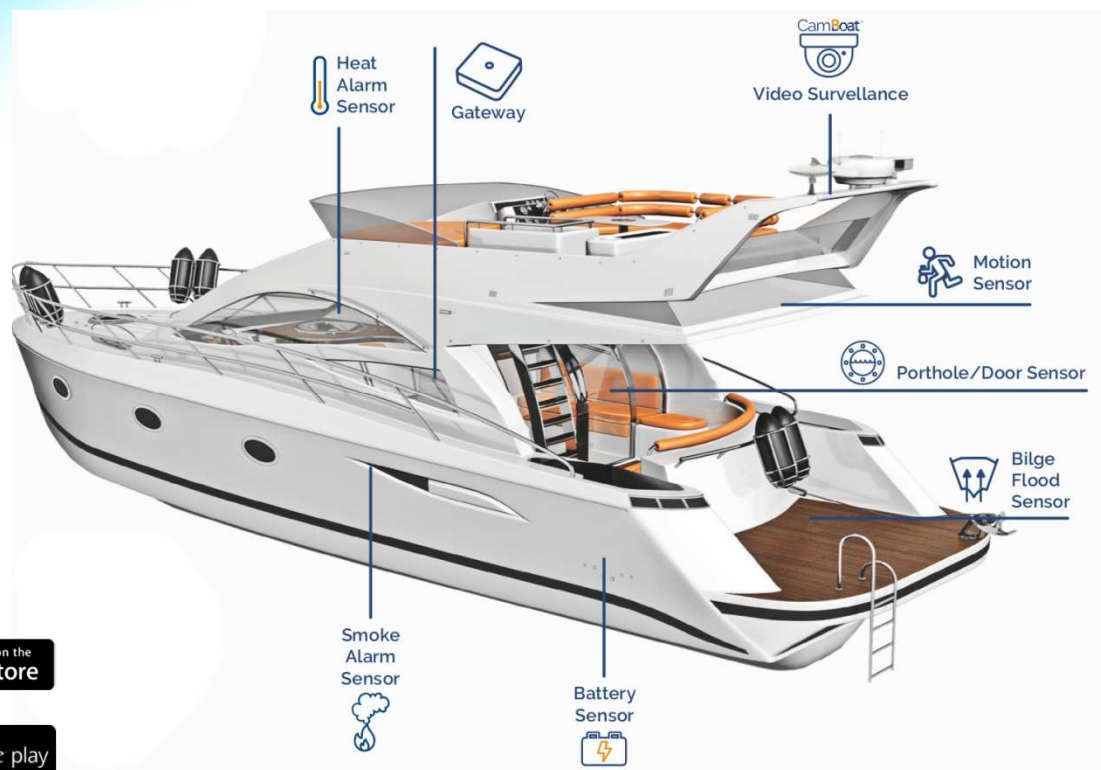


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# BOAT CONTROL AT YOUR FINGERTIPS





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**ZigBoat**<sup>TM</sup>

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## **Wireless**

- *No cables needed*
- *All sensors are wireless*
- *ZigBee<sup>®</sup> is the wireless communication technology used for the sensors*



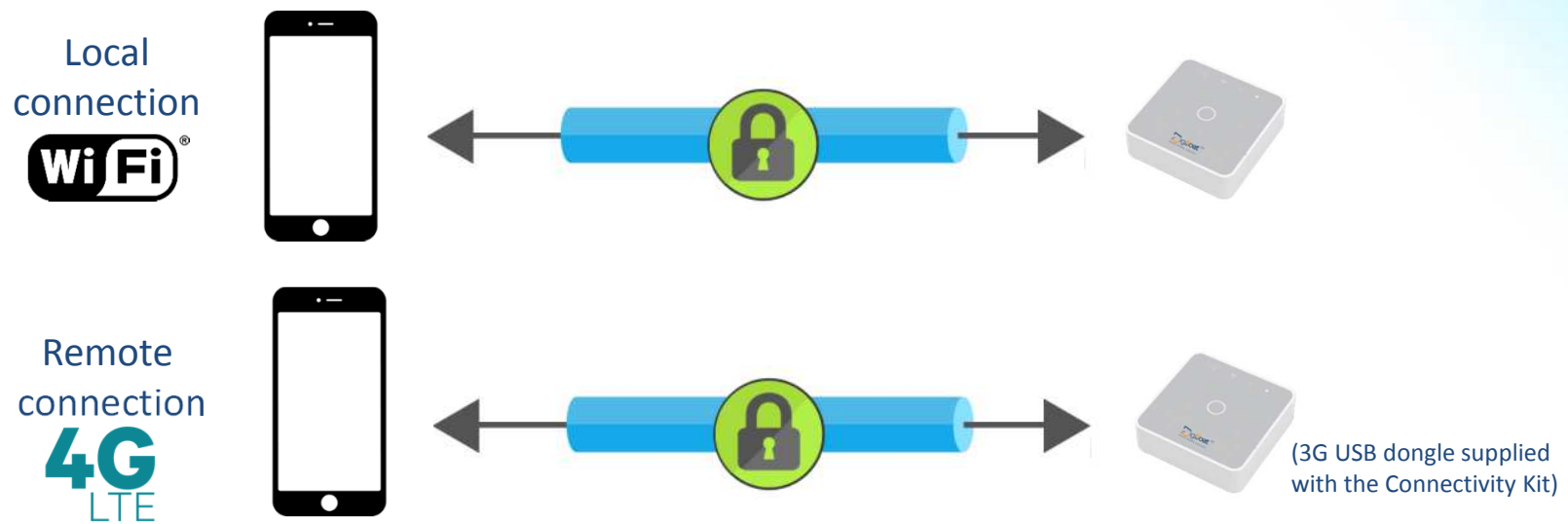


# ZigBee<sup>®</sup> vs. Wi-Fi<sup>®</sup> and Bluetooth<sup>®</sup>

<i>Features</i>			
<i>Battery life</i>	<b>3 to 5 Years</b>	<i>Weeks</i>	<i>Months</i>
<i>Network size</i>	<b>Unlimited</b>	32	<i>up to 7 devices</i>
<i>Interference with 2.4 GHz wireless technologies</i>	<b>Low</b>	<i>High</i>	<i>Medium</i>
<i>Co-existence with 2.4 GHz wireless technologies</i>	<b>High</b>	<i>Low</i>	<i>Medium</i>
<i>Adaptive Network flexibility</i>	<b>High</b>	<i>No</i>	<i>No</i>
<i>Network Topology</i>	<b>Mesh</b>	<i>Star</i>	<i>Star</i>

**KEY POINTS:**

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



**Why is this so important?**



**KEY POINTS:**

- *No cloud Service*
- *No additional fee*
- *No Privacy Policy hassle*



***How can you insist on these ZigBoat keypoints?***



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2 Kits available

NO MONTHLY FEES  
OR SUBSCRIPTION

Wi-Fi  
CONNECTIVITY



**GATEWAY**



**BATTERY SENSOR**



**BILGE FLOOD SENSOR**



**PORTHOLE / DOOR SENSOR**



Wi-Fi<sup>TM</sup> ZigBee<sup>®</sup>



Starter Kit  
Code ZB101



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**NO MONTHLY FEES  
OR SUBSCRIPTION**

GSM/3G  
CONNECTIVITY

Wi-Fi  
CONNECTIVITY

**GATEWAY**



**BATTERY SENSOR**



**BILGE FLOOD SENSOR**



**USB DONGLE for GSM/3G**



Wi-Fi<sup>TM</sup> ZigBee

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*

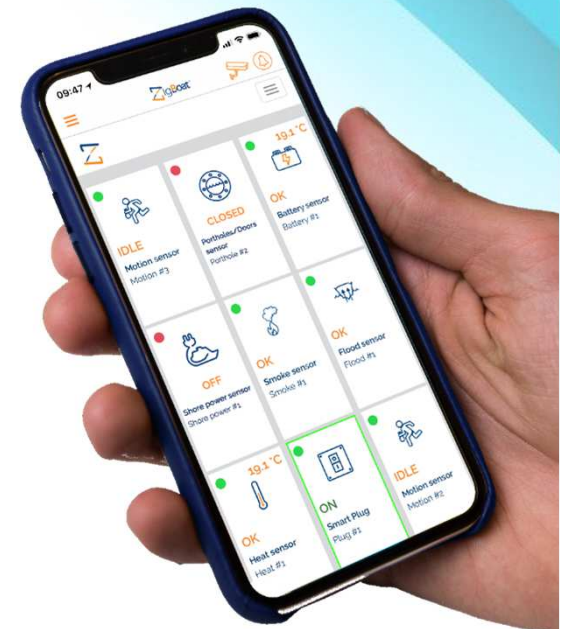


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**KEY POINTS:**

- *The App can manage unlimited additional Gateways*
- *ZigBoat can be expanded with unlimited additional sensors*



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**ZigBoat™**

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○ 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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○ *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.

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○ 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.

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- *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.

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# Packaging

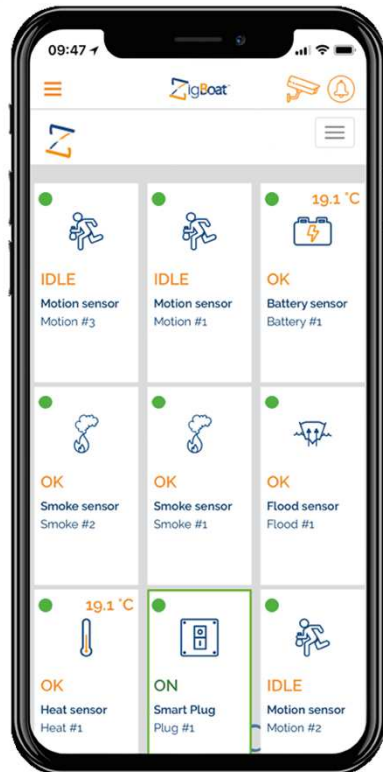






# ZigBoat™ mobile App

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



**PUSH NOTIFICATIONS**



**INTUITIVE DASHBOARD**



**INTERACTION WITH THE BOAT**



**CONTROL ONBOARD SENSORS**



**FOR IOS AND ANDROID DEVICES**



**CUSTOMIZABLE SETTINGS**



# 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:

- Overview
- Device List
- SMS
- Info
- Settings



# ZigBoat™ mobile App Overview tab

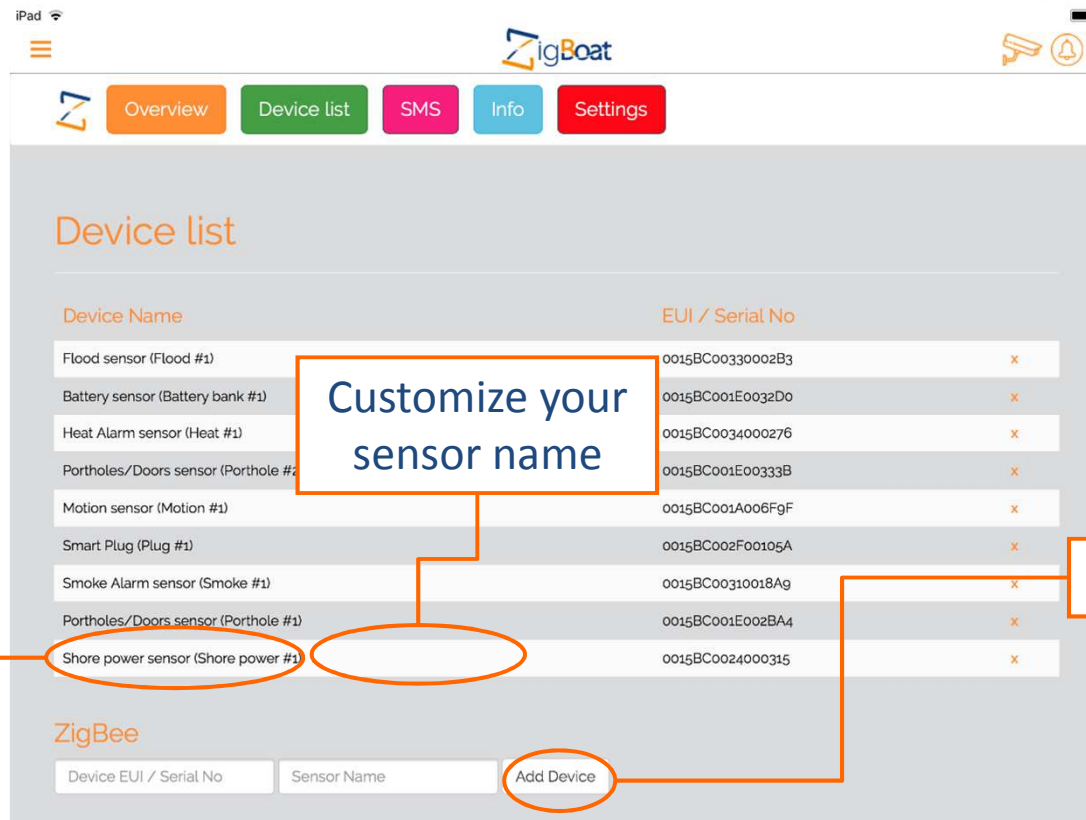
The screenshot shows the ZigBoat mobile app interface on an iPad. The top navigation bar includes a menu icon, the ZigBoat logo, and a 'CamBoat™' button with camera and notification icons. Below this is a secondary navigation bar with buttons for 'Overview', 'Device list', 'SMS', 'Info', and 'Settings'. The main content area displays a grid of sensor status cards. Each card shows a green status indicator, an icon, a status label (e.g., OK, CLOSED, OFF), and the sensor name. Callouts point to specific elements: 'Online/Offline' points to the green dot; 'Sensor status' points to the 'OK' label; 'Icon' points to the flood sensor icon; 'Sensor type' points to the motion sensor icon; 'Custom sensor name' points to the 'Shore power #1' label; and 'Enable/disable push notification' points to the notification icon in the top right.

Sensor Name	Status	Value/Label
Flood sensor Flood #1	OK	OK
Battery sensor Battery bank #1	OK	22.8 °C
Heat Alarm sensor Heat #1	OK	22.4 °C
Portholes/Doors sensor Porthole #2	CLOSED	CLOSED
Motion sensor Motion #1	IDLE	IDLE
Smart Plug Plug #1	OFF	OFF
Smoke Alarm sensor Smoke #1	OK	OK
Portholes/Doors sensor Porthole #1	CLOSED	CLOSED
Shore power sensor Shore power #1	OFF	OFF



# 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



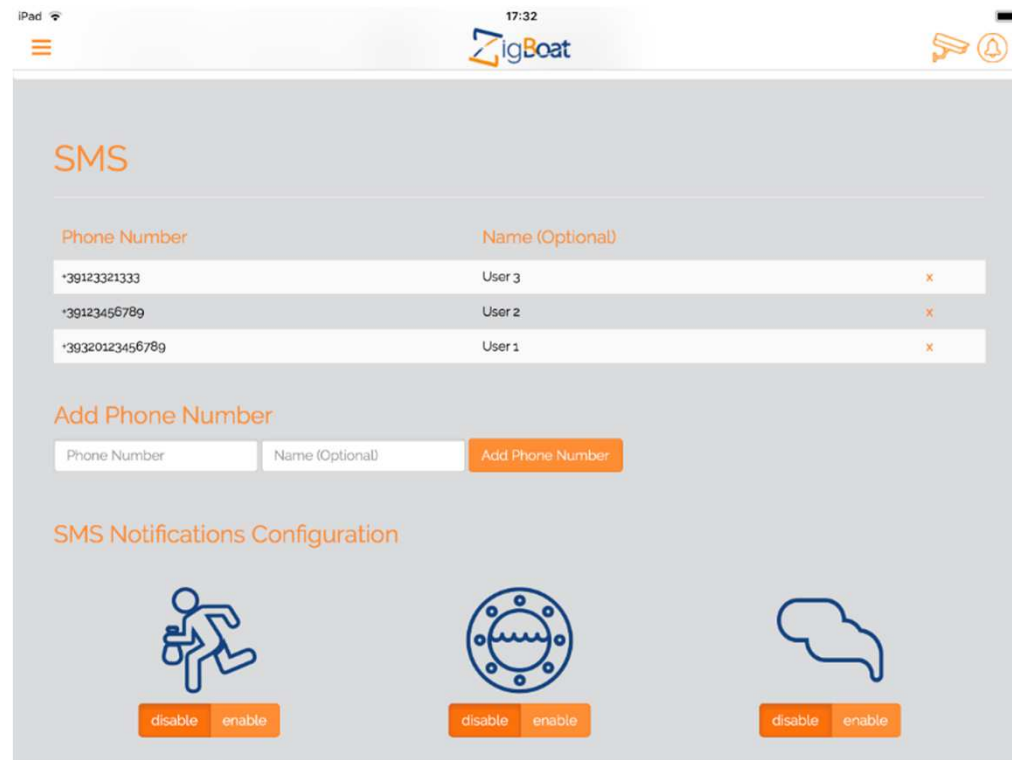
Type here the Serial Number of the sensor

Customize your sensor name

Click to add

# ZigBoat™ mobile App SMS tab

- Sends SMS messages up to 5 GSM numbers
- Enable/disable SMS notifications by sensor type



# ZigBoat™ mobile App Info tab

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

The screenshot shows the ZigBoat mobile app interface on an iPad. The top navigation bar includes a menu icon, the ZigBoat logo, and a camera icon. Below the navigation bar are five tabs: Overview (orange), Device list (green), SMS (pink), Info (blue), and Settings (red). The 'Info' tab is selected, displaying a 'Notifications list' table. The table has two columns: 'Device Name' and 'State'. The notifications are listed as follows:

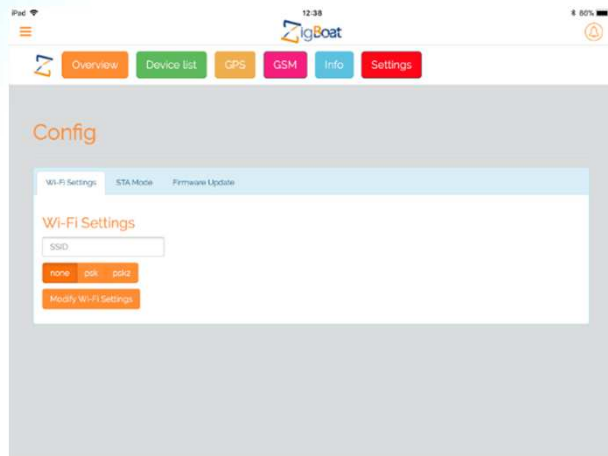
Device Name	State
Motion sensor (Motion #1) Monday, November 6, 2017, 5:32:32 PM	Idle
Motion sensor (Motion #1) Monday, November 6, 2017, 5:32:13 PM	Alarm
Smoke Alarm sensor (Smoke #1) Monday, November 6, 2017, 5:25:15 PM	Idle
Portholes/Doors Sensor (Porthole #2) Monday, November 6, 2017, 5:24:49 PM	Closed
Portholes/Doors Sensor (Porthole #2) Monday, November 6, 2017, 5:24:27 PM	Open
Portholes/Doors Sensor (Porthole #1) Monday, November 6, 2017, 5:22:53 PM	Closed
Portholes/Doors Sensor (Porthole #1) Monday, November 6, 2017, 5:22:52 PM	Open

Notifications  
log

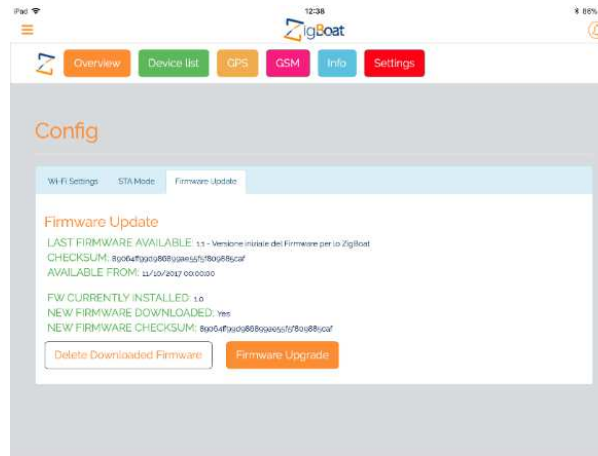
# ZigBoat™ mobile App Settings tab

- There are 3 menus in the Settings tab:

WiFi Settings



Firmware Update



Station Mode

