

## DOKENSIP EVO Boat Monitoring System, Spain

DOKENSIP EVO is a wireless sensor system comprising a central module (CORE) and a series of sensors distributed around your boat.

- With DOKENSIP EVO you can know the voltage of the batteries, the presence of water in the different bilges, detect movement inside and know that the electricity from the jetty reaches the inside of the boat without problems.
- Standard Pack of DOKENSIP EVO in the box consist of Core unit, Battery sensor, Bilge sensor, Motion sensor, Shore power sensor, GPS antenna, GSM antenna, Dokie and Activation card. First year service fee is included.
- DOKENSIP EVO will control through a CORE module up to 16 different sensors on your boat, and the sensor system can be extended/reduced very easily.
- DOKENSIP EVO will send you an alarm signal when something goes wrong so you are assured that your boat is fine.
- You will control all your boats from a single application, knowing their statuses at a glance.
- FCS (Fully Controlled System) and MAP (Multichannel Alert Process) - Geofence, Tracking, Positioning Records, Anchoring Alert, Share Your Location, etc.

## 西班牙 DOKENSIP EVO 船艇監視系統

DOKENSIP EVO 是一套無線感測系統, 包括核心單元和一系列感測器分佈在船上各個位置.

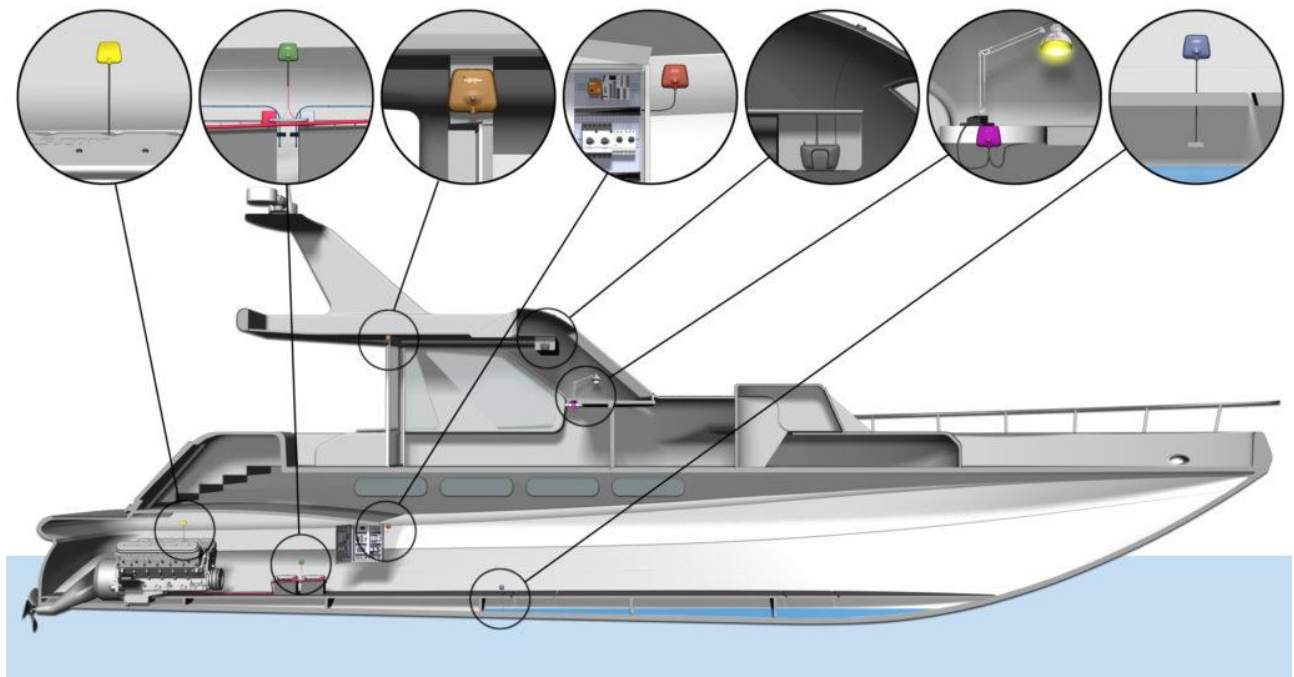
- DOKENSIP EVO 可讓你知道電池的電壓, 艙底漏水, 動態感應(防盜或發現有外人登船), 碼頭岸電供應等等是否正常。
- DOKENSIP EVO 標準套件包括核心單元, 電池感測器, 艙底水感測器, 動態感測器, 岸電感測器, GPS 天線, GSM 天線, DOKIE 在場識別器和開通卡, 並包括首年服務年費。
- DOKENSIP EVO 核心單元可配置最多 16 個不同感測器, 感測器系統數量可以容易地增加或減小。
- 如某方面出現問題, DOKENSIP EVO 會發出警報, 讓你安心。
- 您可通過一個應用程式 App 去控制你的所有船隻, 一目了然地了解它們的狀態。
- FCS (完全控制系統) 和 MAP(多通道警報過程) - 地理圍欄, 追蹤, 位置記錄, 錨定警報, 分享位置等等。

## DOKENSIP EVO Boat monitoring system (PACK EVO)

Consist of:

- (1) Main unit, Core (black)
- (1) 12/24 wire with lighter adaptor
- (1) GPS antenna
- (1) GSM antenna
- (1) Dokie
- (1) Activation Card
- (1) Shore power sensor (red), with its cable and 2 AA lithium batteries
- (1) Motion sensor (brown), with 2 AA lithium batteries
- (1) Battery sensor (green), with its cable and 2 AA lithium batteries
- (1) Bilge sensor (blue), with its cable and 2 AA lithium batteries

Note: price including first year service fee



How to install your DOKENSIP EVO

<https://www.youtube.com/watch?v=v4N7F1Bhj6M>

## CORE

DOKENSIP System has a brain of its own. The main module CORE keeps you connected to your boat. From one side, it allows you to know the position of the boat, as well as to establish a Geo-Fence. All the information from your sensors will be sent in real time.

### Technical specifications

- Own technology. Everything has been designed by us.
- 4G ♦ 3G ♦ 2G Fallback system. Not Owned by operator. Best signal First.
- Auto switch to Satellite communication if available
- Core and Sensor fully controlled and monitored
- 3 “Watch Dogs” to avoid freezing
- OTAP upgrade for Core firmware and sensors main parameters
- DKC + DKB with direct power connection. Batteries for backup only.
- All other sensors with wires ready to be connected to 12/24.
- Removable batteries
- New electric design
- LoRa Communication between sensors and Core (868Mhz-915Mhz)
- User defined geofence.
- Anchor dragging controlled by core GNSS constantly
- Alert configuration
- Position / Route sharing
- Trigger and triggered sensors
- Key with BLE 5.0 Long Range. Sensors on which it acts configurable by the user



### Installation



## SHORE POWER SENSOR

Thanks to DOKENSIP System, be the first one to know if there is a power cut in your mooring, pontoon or marina. Once you're alerted, you can take the most appropriate action.

### Technical specifications

- Solid State fuse
- Reading limits: 90 – 260vAC
- Power from installation. Batteries for Backup



### Installation



## MOTION SENSOR

Install the motion sensor in a discrete location and let it look after your boat for you. Avoid undesired presence or thefts and be the first one to know in case someone comes onboard without your permission.

### Technical specifications

- Detection distance : 5m
- Detection area: Horizontal: 94° – Vertical: 82°



### Installation



## BILGE SENSOR

Install the bilge sensor above the floating line of your bilge pump and forget about water leaks. In case the bilge pump fails and there is a water leak in your boat, DOKENSIP will tell you.

### Technical specifications

- Resistance check



### Installation





## BATTERY SENSOR

Set a range of voltage directly from your DOKENSIP app and stop thinking about flat batteries. You will see the level of your batteries at real time and in case the voltage goes below or over the set range, you will be alerted immediately.

### Technical specifications

- Solid State fuse
- Polarity protection
- Reading limits: 8 – 36v
- Power from installation. Batteries for Backup



### Installation



## DOKIE

Through the DOKENSIP app, you will know when the presence identifier DOKIE is onboard and when not. On top of that, alerts can easily be customized and/or silenced through the DOKENSIP app or user website.

Its an ideal device for boat owners, captains, maintainers...etc.

Trust your DOKIE and stop worrying about your boat's security.

### **Technical specifications**

- Presence identifier.
- Silences alarms when on board.
- Reach 8 meters.
- Own battery.





## SIDER


Ideal for outboard engines, liferafts, kayaks, dinghies or any object that can be stolen from your boat. The absence identifier SIDER will set off an alert as soon as it's moved 40m away from the CORE. Thanks to DOKENSIP you will be the first to know about a possible theft or lost, being able to react promptly.

### Technical specifications

- Absence detector. Sets off an alarm when more than 40m away from CORE.
- 40m reach.
- Own battery.
- Waterproof IP67.
- Ideal for dinghies, outboard engines, liferafts, kayaks...



## Images

**These are the Siders you have currently registered.**

You can change the alias of your Sider at any time, access the option << modify >> and put the description you want.


You can enable or disable your Sider at any time. If the Sider is disabled will not generate alerts.

Code - 09 82 89 9D D4 A1

Alias  
**Sider Demo**

Status  
**Active**

Sider is detected by the CORE  
**DOKENSIP**

 **Modify**

## FCS – FULLY CONTROLLED SYSTEM

### CONTROL YOUR BOAT'S GUARD

We want you to be in control of the system at any time. That's why we have developed the FCS system. Through the app and the user's website you will be able to control and manage all the components of the DOKENSIP system.

### OWN TECHNOLOGY DEVELOPMENT

DOKENSIP system has been tailor made to cover all the safety needs of your boat. It will not only give you full control on your boat, but also on the whole system. We know your needs; we share them and we adapt our system to them.

### CONTROL ON CORE AND SENSORS

Through the DOKENSIP app and user's website you can monitor the state of the sensors and CORE. Besides, you can see their current battery level and if the CORE is plugged to 12/24V or not. On top of that, you can name the sensors as you wish so that you identify them more easily in your app.

### LOGS OF ACTIVITY

You never know when you will need them, but DOKENSIP offers you the LOAs of each sensor, showing you the date and registered value in each moments measurement.

### GEOFENCE

Through the DOKENSIP user website you can stablish a security perimeter around your boat. In case the boat gets out of it, the MAP process will be triggered and you'll be the first to know about it.

### TRACKING

Monitor all your sailing tracks from any mobile device or computer. DOKENSIP gathers all the GPS information of your system and draws your boats routes so that you always know where it has been sailing.

### POSITIONING RECORDS

DOKENSIP gives you the chance to download reports of all positions of your system in the past. In this way you will always know the exact positions of places you visited or where you left your boat.

### PERSONALIZED ALERT CONFIGURATION

Because oneself has his own preferences in life, you can personalize your alerts and receive them only whenever you want.

### ANCHORING ALERT

Find a nice spot, drop the anchor and forget about it. In case the anchor drags, the MAP process will be triggered and you will be the first one to know, being able to react as you might consider.

### GLOBAL COVERAGE

Currently DOKENSIP system is installed in many boats all around the world; from USA to Australia, across the Mediterranean and Asia. One world, one wireless sensor system and two objectives: your boat's security and your peace of mind.

### SHARE YOUR LOCATION

Share your location with our DOKENSIP app. From now onwards, you can send to whoever you wish an email containing a link to a website in which your CORE's current location will be shown. On top of that, you can choose the expiration time of it so that the receiver can see it as long as you wish.

## MAP – MULTICHANNEL ALERT PROCESS

DOKENSIP's original multichannel alert process is activated as soon as an alert is triggered onboard. In that moment, the system will send you an e-mail to the provided e-mail account and a push notification to your DOKENSIP app in your mobile phone.

Within 10 minutes, the system will send you a push notification to the app every minute.

After those 10 push notifications, you will get an SMS message in your mobile phone, and 10 minutes later, DOKENSIP will call you and up to 3 other contacts you might want to be alerted in case something goes on onboard.

Important: at any stage of the process, if any of the notifications is acknowledged, the process will be aborted. We understand that you are aware of what is going on onboard and that you will take the appropriate action.

