



ME SENSE  
by Weatherdock AG

ME SENSE RELAY  
WIFI



- ☑ Monitoring of the boat parameters by App
- ☑ Information in real time
- ☑ Alerting of owner (and Buddy)
- ☑ Increased Safety in berth and winter storage



IoT  
Internet of Things

Boat monitoring in real time by App!  
Keep always the perfect overview of all relevant boat data via a mobile device!

## Real-time boat monitoring via app ... so you always know your boat is in safe conditions.

With the use of smart services and the new Weatherdock products, you don't have to be on board to know that your boat is doing well.

The „ME SENSE“ series has been developed to give you a better overview of the condition of your own vessel. This applies on the one hand to the long period of winter storage, and on the other hand to the time you are not on board during the season.

### Function

Different sensors, which are positioned to their respective tasks, determine current parameters that are transmitted via Bluetooth connection to the central ME SENSE RELAY. This in turn is logged into the marina's WLAN network and can thus upload the data to a Weatherdock Marine IoT cloud. Using the free of charge Weatherdock app on a mobile device, the ship owner can view „his“ boat data remotely. In addition, Buddies can also be involved in the monitoring and possible alarming to avoid possible damage at an early stage.

All measured values are also stored in the cloud and are thus available for the boat owner's obligation to provide evidence in the event of an insurance claim.

The use of universal and modern IoT technologies ensures that ME SENSE products are future-proof. The modular use of the sensors allows the system to be extended on board at any time.

### Highlights

- ☑ All boat data at a glance via app on smartphone or tablet
- ☑ Various internal & external sensors
  - ☑ Battery monitor (voltage)
  - ☑ Temperature (interior/battery)
  - ☑ Bilgewater (level)

- ☑ Shock / acceleration
- ☑ Ambient air pressure
- ☑ Ambient relative humidity
- ☑ Door Sensor
- ☑ Shore Power
- ☑ Position
- ☑ Integrate up to 10 actuators (Switch ON/OFF)
- ☑ WiFi functionality with WLAN network of marina
- ☑ Generate your own network using LTE-SimCard and ME SENSE GATE LTE
- ☑ Easy handling
- ☑ Administration of the sensors via device QR code by the user

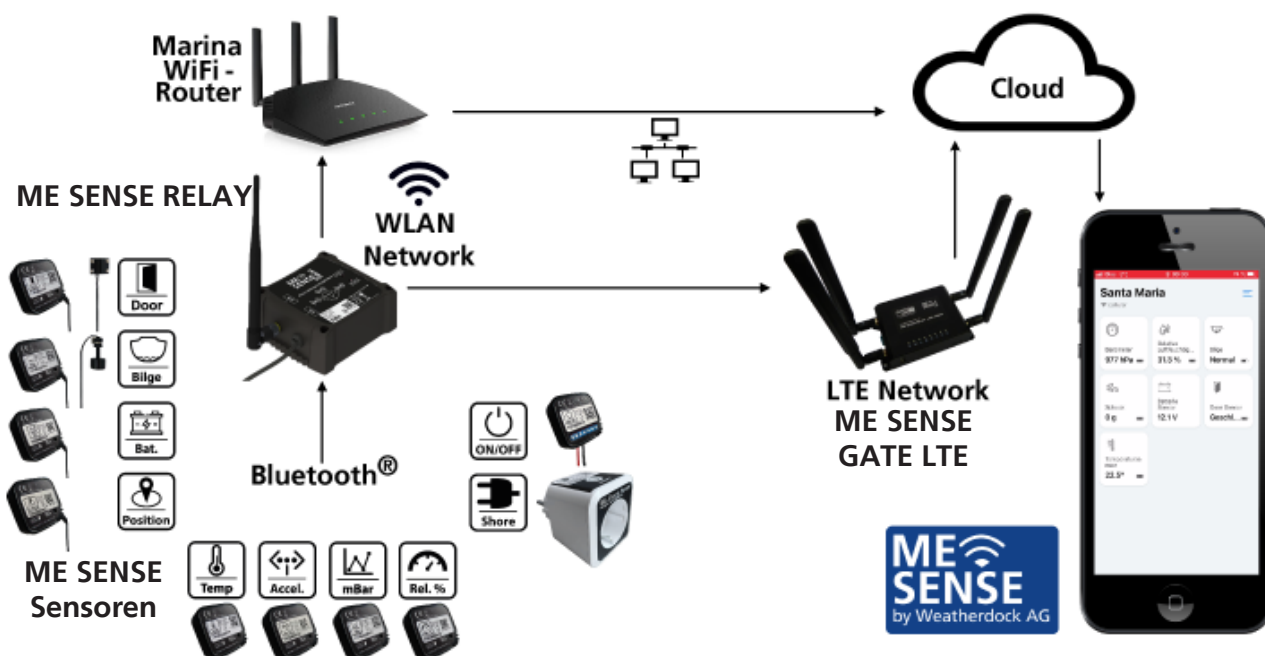
### Technical Data

#### ME SENSE RELAY WiFi

- ☑ Dimensions: 125\*100\*50mm
- ☑ Weight: 160g (without antenna)
- ☑ Operating temperature: -20°C to +70°C
- ☑ Storage temperature: -40°C to +70°C
- ☑ Operating voltage: 9-32V DC
- ☑ Power consumption: 100mW (typ.)
- ☑ Power supply: 2-pole supply cable, 1,5m
- ☑ Supported modes:
  - ☑ Bluetooth®
  - ☑ WiFi standards IEEE 802.11b/g/n/d

#### ME SENSE Sensors

- ☑ Dimensions: 50\*50\*19mm
- ☑ Weight: 27 g - 104 g
- ☑ Operating temperature: -20°C to +70°C
- ☑ Storage temperature: -40°C to +70°C
- ☑ Operating voltage: 3V DC
- ☑ Battery: CR2450
- ☑ Battery lifespan: 12+ month
- ☑ Bluetooth® Low Energy
  - ☑ Frequency band: 2,400-2,4835GHz
- ☑ Supported modes:
  - ☑ Bluetooth®



**EXCELLENCE IN RADIO TECHNOLOGIES**  
 Safety • Navigation • Tracking



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