



Wireless Sensor **Guide**

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Meet The Wireless Sensors

Siren Marine Wireless Sensors are easy to install and ideal for hard-to-access areas.



Easy
to Install



Peel & Stick
Mounting



Monitor
Temperature



IP67
Waterproof



2-Year
Battery Life



Up to 200
Foot Range





Bilge Pump Sensor

Monitor bilge-pump activity and receive alerts if your boat is taking on water.

- There are two ways for the wireless sensor to monitor bilge pump activity:
 1. Connect the **Positive(+)** and **Negative(-)** leads from the sensor directly to the **Positive(+)** and **Negative(-)** leads off your bilge pump.
 2. Connect the **Positive(+)** and **Negative(-)** leads from the sensor directly to the bilge indicator light at your helm.
- Secure the sensor by using the supplied **Mounting Bracket** or **Adhesive Strip**.
- Insert the **Bilge Pump Tail** into the wireless module and tighten the two hex screws.
- Pair the **Wireless Module** to the MTC unit.

Note: This sensor is polarity sensitive.



! Entry Sensor

Protect against unauthorized entry. Perfect for securing lockers, doors and hatches.

- Mount the **Wireless Entry Sensor Mounting Bracket** to a hatch, locker or other entry point using the supplied **Screws** or **Adhesive Strip**.
- Click the **Wireless Entry Sensor** into the **Mounting Bracket**.
- Mount the **Open/Close Magnet** directly opposite the wireless module using the supplied **Adhesive Strip**.
- Pair the **Wireless Module** to the MTC unit.

Note: When the hatch, locker or entry point is opened, a notification will be sent to the Siren Marine app and an audible alarm can be triggered.





Battery Sensor

Monitor additional batteries without a hard-wired connection to the MTC unit.

- Connect both the **Positive(+)** and **Negative(-)** leads of the **Battery Sensor** directly to the **Positive(+)** and **Negative(-)** posts on your battery.
- Secure the **Wireless Battery Sensor** using the supplied **Mounting Bracket**.
- Plug the **Battery Tail** into the wireless module and tighten the two hex screws.
- Pair the **Wireless Module** to the MTC unit.

Note: *This sensor is polarity sensitive. Notifications will be sent to the Siren Marine app if the voltage drops below or exceeds present levels.*



High-Water Sensor

Detects if there is water in the bilge.

- Mount the **High-Water Wireless Module** in an area above the **High-Water Line** in the bilge.
- Secure the **High-Water Sensor** at the desired height in the bilge using the supplied **Adhesive Strip**.
- Plug the **High-Water Tail** into the wireless module and tighten the two hex screws.
- Pair the **Wireless Module** to the MTC unit.

Note: Notifications will be sent to the Siren Marine app if the water level in the bilge rises above the preset level.





Temperature Sensor

Monitor the temperature of your cabin, engine room, bait locker or fridge.

- The **Wireless Temperature Sensor** works with and without the detachable **Temperature Probe**.
- To monitor temperature without the **Temperature Probe**, simply mount the **Wireless Module** in the area to be monitored and link to the MTC unit.
- To monitor the temperature of a specific area or piece of equipment (e.g. engine block or inside a fridge), attach one end of the **Temperature Probe** to what you want to monitor, plug the other end of the tail into the wireless module and tighten the two hex screws.
- Pair the **Wireless Module** to the MTC unit.

Note: Notifications will be sent to the Siren Marine app if the temperature falls below or exceeds the preset levels.





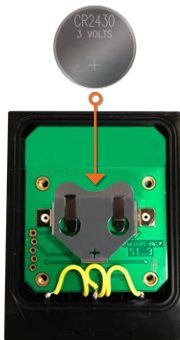
Battery Installation

Important: Your wireless sensor comes with a CR2430 internal battery which will need to be installed prior to pairing the wireless sensor with the MTC unit.

Please be sure to follow the steps below:

- Remove the four screws on the back of the wireless module.
- Insert the CR2430 battery into the battery holder. Be sure that the **Positive(+)** side of the battery is facing up.
- Replace the back of the sensor and tighten the four Phillips screws. Use care when closing up the wireless module. Make sure to tighten the screws snugly and that all seals and O-rings are secure and in place.

Note: Do not over-tighten.



Pair Wireless Sensors to Siren Marine MTC

- Make sure the battery has been installed in the wireless sensor.
(See instructions on page 14)
- Pair the wireless sensor prior to mounting in it's permanent location.
- Go to the **Settings** page on the Siren Marine app and select **Add Wireless Sensor**.
- Scan the **QR Code** on the back of your wireless sensor to proceed.
- Select the wireless sensor type.
- In the dialog box, rename the sensor description and select **Add**.
- To add additional sensors, repeat above steps.

Note: All fields must be filled in or selected.

Wireless Sensor Installation

 **READ BEFORE STARTING**

Important information on maintenance and installation:

- All wireless sensors should be checked and inspected on a regular basis.
- Keep all wired connections to battery terminals and bilge pumps clean and tight.
- Battery life expectancy is two years, however we recommend replacing the internal battery of your wireless sensor every year.
- The wireless sensors should be installed on a smooth flat surface.
- Siren Marine adhesive strips are very strong and cannot be easily repositioned. Before you press and hold it for **30 seconds**, be sure the wireless sensor is aligned correctly and is communicating with your Siren Marine MTC.

Wireless Sensor Installation

Mounting with a Bracket:

If your surfaces are rough, dirty or prone to high heat or humidity, install your wireless sensor with the supplied bracket and screws.

- Remove the wireless sensor from its supplied mounting bracket to expose the screw holes.
- Align the mounting bracket in the desired location. Be sure to drill a pilot hole to avoid any cracking or chipping on the surface.
- Secure the mounting bracket using the supplied mounting screws.
- Snap the wireless sensor into the mounting bracket.
- Plug the wireless sensor into the wireless module and tighten the two hex screws.

Wireless Sensor Installation

Mounting with Adhesive Strip:

- Make sure the surface is clean and dry.
- Peel the protective cover off the adhesive strip on the back of the mounting bracket.
- Align the mounting bracket in the desired position and press evenly with your palm. Hold in place for at least **30 seconds**.
- Snap the wireless sensor into the mounting bracket.
- Plug the wireless sensor into the wireless module and tighten the two hex screws.

Battery Replacement

The wireless sensor will notify you via the Siren Marine App when the internal battery voltage is low.

- If a sensor (e.g. high-water probe) is attached to the wireless module, it must be removed before the module can be removed from the mounting bracket.
- Use the supplied **Allen Key** to undo the two hex bolts that attach the sensor tail to the wireless module. Carefully separate the tail from the module, being careful not to lose the screws.
- If the wireless module is mounted using the mounting bracket, unclip the sensor from the bracket.

Battery Replacement

- Remove the four screws from the back of the sensor and open the sensor.
- Slide the old battery out of the battery holder and replace with a new CR2430 3V lithium battery, **Positive(+)** side up.
- Close up the wireless module and tighten down the four screws without over tightening.
- Place the wireless module back into the mounting bracket and reattach the sensor tail.

Technical Specifications

Model Numbers:

- Battery Sensor: SM-WLS-BATT
- Bilge Pump Sensor: SM-WLS-BILG
- Entry Sensor: SM-WLS-ENTR
- High Water Sensor: SM-WLS-HIWS
- Temperature Sensor: SM-WLS-TEMP

Wireless Sensor Module:

2.0in x 2.7in x 0.6in

Wireless Connection:

900MHz radio frequency

Range:

Up to 200 feet

Battery:

CR2430 Lithium Cell, rated 2 years

Technical Specifications

Warranty:

2-Year Limited Warranty

Mounting:

Mounting bracket with adhesive mounting strip and mounting screws included

Requirements:

Requires MT, MTC, or MTC-Pro and Siren Marine Service Plan

Certifications:

IP67 Waterproof, FCC, EU



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