



VirCru
Bilge Pump Sensor

1. VirCru Bilge Pump Sensor Summary

Your bilge pump is designed to remove water that collects from different sources, but flooding can occur when too much of this water collects.

Overactivation of the bilge pump can indicate several things, from concerning water levels through to a mechanical issue with your pump. Either way, you want to know! The VirCru Bilge Pump Sensor warns you via the VirCru App if the bilge pump runs more frequently than a level you have stipulated.

Please be aware that some technical expertise is needed to install the Bilge Pump Sensor. If you are not confident, bring in a professional or contact VirCru customer services using the details below. The Sensor needs to be connected to the bilge pump circuit so it receives power when the bilge pump is working.

Included in your VirCru Bilge Pump Sensor Pack:

- VirCru Bilge Pump Tag and Cable
- Dual-Lock Adhesive Pads (one adhered to the back of the Sensor and the other supplied 'locked' to its mating half)
- Alcohol Wipes
- This guide.

Before installing, we recommend registering the Sensor on the VirCru App by scanning the QR code. This functionality can be found in the "Settings" tab.

If any of these items are missing from your box, please contact VirCru customer service at:

01386 800 360 or

customer.services@vircru.com

2. Installation Guide

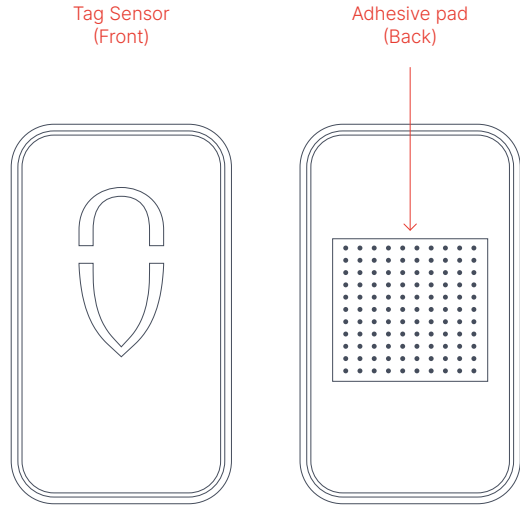
Safety Precautions

Please ensure to:

- Follow all installation instructions
- Only carry out tasks in which you are competent
- Make full consideration of the environmental conditions and hazards during installation
- Avoid drilling into any Hub or Tag enclosures, due to the risk of piercing/exploding batteries
- Take care to ensure correct polarity on all wired connections.

VirCru Tags are mounted using Dual-Lock self-adhesive pads. One half is supplied adhered to the Tag back with the other half 'locked' to its mating half. To mount the Tag:

- Using one of the alcohol wipes, clean the position the Tag is going to be mounted in (select a suitable area with firm substrate)
- Ensure that the two halves of the Dual Lock are aligned, remove the adhesive protective cover, and press the Tag into position
- The Tag can be removed by gently pulling the Dual Lock pads apart (one half remains on the Tag, the other on the mounting surface).

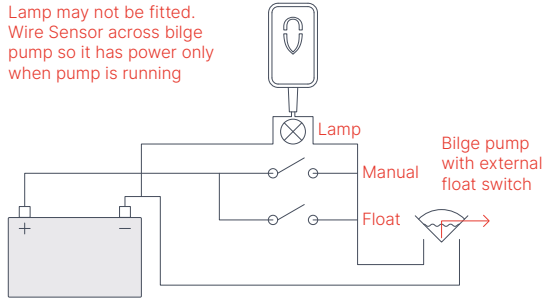


The VirCru Bilge Pump Sensor has two wires, marked 'Bilge Pump Positive' and 'Bilge Pump Negative'.

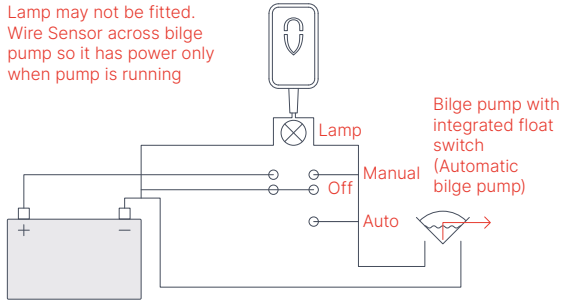
There are two ways to install the Sensor; either by connecting the positive and negative leads on the Sensor to the bilge pump respectively, or by connecting both the positive and the negative lead to the bilge indicator. Once fitted, the VirCru Bilge Pump Sensor can be connected wirelessly to the VirCru Hub.

If not completed prior to installation, register the Sensor on the VirCru App by scanning the QR code in the "Settings" Tab. The Sensor will alert you if the pump runs for more than 120 seconds (this threshold can be changed in the App). It will also allow you to see the temperature where the Sensor is mounted and receive alerts if it is too hot or cold.

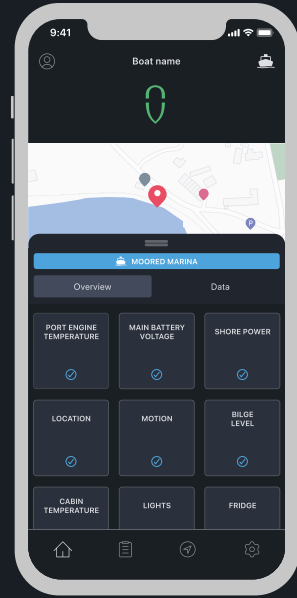
Lamp may not be fitted.
Wire Sensor across bilge pump so it has power only when pump is running



Lamp may not be fitted.
Wire Sensor across bilge pump so it has power only when pump is running



3. The VirCru App



3. How to Install your VirCru App

The VirCru App is supported by software versions iOS 13 and above on iPhone, and versions 5.0 (Lollipop) and above on Android. Ensure your mobile has these software versions installed before downloading the VirCru App.

To download the VirCru App (iPhone):

- Unlock your phone and navigate to the 'App Store'
- Type "VirCru" in the search bar
- Click "Get" by the VirCru logo icon
- Once authorised, the VirCru App will Appear on your iPhone's home page.

To download the VirCru App (Android):

- Unlock your phone and navigate to the 'Google Play Store'
- Type "VirCru" in the search bar
- Click "Install" by the VirCru logo icon
- Once authorised, the VirCru App will Appear on your Android device's home page.

The VirCru App features a simple and intuitive interface to display and personally configure the data provided by the VirCru Hub, Sensors and Products installed on your boat.

The VirCru App main dashboard gives you an overview of all data, which can be explored in more detail if required. It also includes an inventory system for all the other products and services related to your boat, from insurance details, documents and renewal dates through to life jacket servicing.

For more information on configuring and using the VirCru App, please refer to our comprehensive App User Guide available at www.vircru.com. This document provides detailed analysis of the setup, features and functionality of our App in one place, and is constantly evolving as we add new features and technology to our interface.

4. Don't Forget

- Check your Hub and Sensors every few months to ensure they are working properly
- It is always best to mount your equipment on flat and smooth surfaces. Before fixing adhesive pads, ensure you clean your surfaces using the alcohol wipes provided
- If you require any assistance with installation, contact a professional marine electrician or a member of the VirCru team.



VirCru is your virtual crew – always onboard and always connected to you.

5. We're Here to Help

Phone or email our UK-based team for any technical support, product information or sales advice you need using the contact details below:

customer.services@vircru.com

We aim to respond to all email enquiries within 1-2 working days.

01386 800 360

Our phone lines are open 24/7 for enquiries, and we will aim to respond to your query (via your preferred choice of phone or email) within 1-2 working days.

Other VirCru Products

VirCru offers a comprehensive range of products to ensure you can be in touch with your boat from wherever you are. To view our full range of Hubs, Tags, Sensors, Alarms and more, visit <https://www.vircru.com/>.



If you need any help with your VirCru installation or
App set-up please email: customer.services@vircru.com