

# Monitoring my wine cellar for temperature and humidity?

## The Problem

You are looking to monitor the temperature and humidity within your wine cellar without the need to go down to it. You wish to log your readings and have them transfer by Bluetooth or WiFi so you can view them. So, how do you go about doing this?

## The Solution

There are two solutions for these requirements. The first utilizes Bluetooth which when connected to either an iPad or iPhone will transfer your readings for you to view and download, whilst the second interfaces with your existing WiFi connection. This option will upload information to a Cloud based server that can be accessed from anywhere in the world using your login.

This makes both options ideal for undertaking measurements where you don't wish to actively go to the cellar. If you need assistance selecting a logger for your requirements please feel free to contact one of our friendly Scientists via [email](#) or phone on 1300 737 871.

## Recommended Products

### MX1101 - HOBO MX Temperature/Relative Humidity Data Logger



Onset's HOBOMX1101 data logger measures and transmits temperature and relative humidity data wirelessly to mobile devices via Bluetooth Smart technology. The self-contained wireless data logger, which works with Onset's free HOBOMobile app for logger setup and data management, enables you to access data anytime from your iOS

mobile device over a 100-foot range, and it requires no dedicated equipment beyond an iOS device for configuring the logger or reading out data.

Using Onset's free HOBOMobile app, you can view data in graphs, check the operational status of loggers, configure alarm notifications, and share data files.

- Wireless communication via Bluetooth Smart
- Easy to deploy and offload using free HOBOMobile App
- Visual and audible high & low alarm thresholds
- Stores 84,000 measurements
- Accuracy: +/- 0.2C and +/- 2%RH
- Find me/pager feature

## EL-WIFI-TH - WIFI Temperature & Humidity Data Logger

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The EL-WIFI-TH sensor measures the temperature and humidity of the environment in which it is situated. Data is transmitted wirelessly via a WiFi network to a PC and viewed using a free software package. During configuration the sensor will search for an existing wireless network whilst physically connected to the PC. It can then be placed anywhere within range of the network. If the sensor temporarily loses connectivity with the network, it will log readings until it is able to communicate again with the PC application (max 60 days at 10 second sample interval). The range of the sensor can be increased by using WiFi extenders.