Winery & Distillery
SenSource Wireless Environmental Sensors

Winery & Distillery

The winery and distilled beverage industry relies on a number of factors to deliver a superior product. Temperature and humidity levels can play a key role in delivering an optimum product. Variations in these variables from production to final storage can adversely effect the desired outcome. SenSource Wireless can provide the assurance that your goods are stored at the required environmental parameters. We provide wireless solutions to monitor, alert and record the temperature and humidity in a cloud-based environment. Reduce the manual processes and record keeping that is required through a real-time wireless monitoring system. Your team can then focus on providing what matters, the best and most consistent beverage experience!

Food service professionals:

- Manage and control temperature/humidity levels during the preparation and storage process of wine and spirits
- Track and identify by storage position the effects of temperature and humidity levels on the finished product
- Warn and identify of climate-control issues before product spoilage
- Scalable cloud-based interface for customized alerts and notices
- Current and historical data that can be retrieved via computer, tablet or smartphone with customized reports

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Temperature Sensors

The RTD1 series are battery-powered temperature sensors with an external single or dual RTD probe. They are ideal for monitoring sealed storage environments like refrigerators, freezers or liquids. The modular design includes built-in wireless communication with visual and audible alarms. The probes can operate in temperatures ranging from -200° to 125° C. They can be easily installed on the outside surface of the container or liquid being monitored.

Models:

418 MHz Temperature Sensor - XR43-TMP1 (single input)
900 MHz Temperature Sensor – XR9NS-RTD (single input)/XR9ND-RTD (dual input)
Wi-Fi 802.11b Temperature Sensor – XR8S2-RTD (single input)/XR8D2-RTD (dual input)
* Probes are purchased separately depending on the temperature range required

Temperature/Humidity Sensors

The TH1 series are self-contained, battery-powered temperature & humidity sensors. They are designed to be used in areas which require ambient temperature and humidity monitoring. The design includes built-in wireless communication with visual and audible alarms and operate in temperatures ranging from -40° to 85° C and relative humidity from 20% to 80%. These sensors can be easily installed on any surface in areas requiring monitoring.

Models:

418 MHz Temperature/Humidity Sensor - XR4ETH2
900MHz Temperature/Humidity Sensor – XR9N-TH1
Wi-Fi 802.11b Temperature/Humidity Sensor – XR8S2-TH

Temperature & Door Status Sensor

The CT1 series are battery-powered with an internal temperature sensor and data transmitter to monitor ambient temperature and door status (open, close and count). The compact enclosure operates in temperatures ranging from -40° to 85° C, making it easy to install in almost any environment. This sensor also detects when a door was left open, as well as, how many times the door was used to access the monitored area. Using VeaTrak Software, automatic and historical reports and graphs are easily calculated.

Model:

418 MHz Temperature and Door Status Sensor - XR4-CTI-LEG
900 MHz Temperature and Door Status Sensor - XR9CTI
Wi-Fi Temperature and Door Status Sensor - XR8S2-CTI

Software

900 MHz and Wi-Fi sensors wirelessly report back to SenSource VeaTrak cloud software for easy access to hardware configuration, real time & historical data. Alert conditions are processed through email or SMS.

Radio Selection

900 MHz models require use of a Link Manager (900Mhz Radio to Ethernet converter) which is ideal for applications where a Wi-Fi network is unavailable or when extended range is required. Wi-Fi models conveniently make use of existing Wi-Fi infrastructure and require no additional hardware.

Please contact us for additional product options or information.

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