

WIRELESS TEMPERATURE SENSOR - WI-FI

DESCRIPTION:

The TMP1 series is battery-powered with an internal temperature sensors and built-in data transmitter to monitor ambient temperature. The compact enclosure operates in temperatures ranging from -40° to 85° C, making it easy to install in almost any environment. This sensor is ideal for hospitals, kitchens, museums, laboratories, storage units, warehouses and food service buildings in order to improve product safety, quality, and preservation and increase labor efficiency. Using the XR8-TMP1 Wi-Fi enabled sensor reduces the need for additional hardware by using an existing Wi-Fi network to transmit and collect data. Using a Sensor Server and Veal Software, automatic and historical reports and graphs are easily calculated.



Sealed Wi-Fi

Ordering: XR8-TMP1 (Wi-Fi 802.11b)

MAIN FEATURES:

- > Monitors temperature in ambient settings
- > Small, lightweight enclosure is easy to install
- > Up to 100 sensors can coexist using a Sensor Server
- > Proprietary system does not interfere with other transmissions
- > Wi-Fi model available in a sealed enclosure

APPLICATIONS:

- > Warehouses and storage units
- > Hospital surgery rooms
- > Museum gallery rooms
- > Kitchen preparation areas
- > Industrial buildings

TECHNICAL DATA:	
Transmission Rate	user-defined
Maximum Transmission Range (LOS)*	75-100 feet
Maximum Transmission Range (Indoor)*	75-100 feet
Dimensions	2.56" x 1.97" x 1.38"
Weight	4.7 oz
Battery life with 15 minute transmissions	Typical 2 years. Max 3 years
Battery	Wi-Fi: 1.5V AA Lithium 2 pc
Humidity	0% to 90% non-condensing
Temperature Resolution	0.0625° C / 0.1125° F
Storage/ Operating temperature	-40° to 85° C / -40° to 185° C

* Maximum transmission ranges are determined using ideal conditions; SenSource recommends using a 50% safety factor for most installations

Custom features are available. Please contact factory for more information.

How SenSource Wi-Fi Temperature and Humidity Environmental Systems Work



1 Multiple Wi-Fi environmental sensors transmit temperature and humidity data to a sensor server located at a data collection center using an existing Wi-Fi access point.

2 Using Veal Server Software, data is stored and collected onto a MS SQL database using either a PC or server.

3 Veal Client Software can be used to configure, collect, monitor and report on environmental data.

