

WIRELESS TEMPERATURE AND HUMIDITY SENSOR - 418MHZ

DESCRIPTION:

The TH1 series is battery-powered with an internal temperature and humidity sensor 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 a Sensor Server and Vea Software, automatic and historical reports and graphs are easily calculated.



418MHz

Ordering: XR4-TH1 (418MHz)

MAIN FEATURES:

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

APPLICATIONS:

- > Storage units and warehouses
- > Hospital surgery rooms
- > Kitchen preparation areas
- > Museum display rooms
- > Scientific laboratories

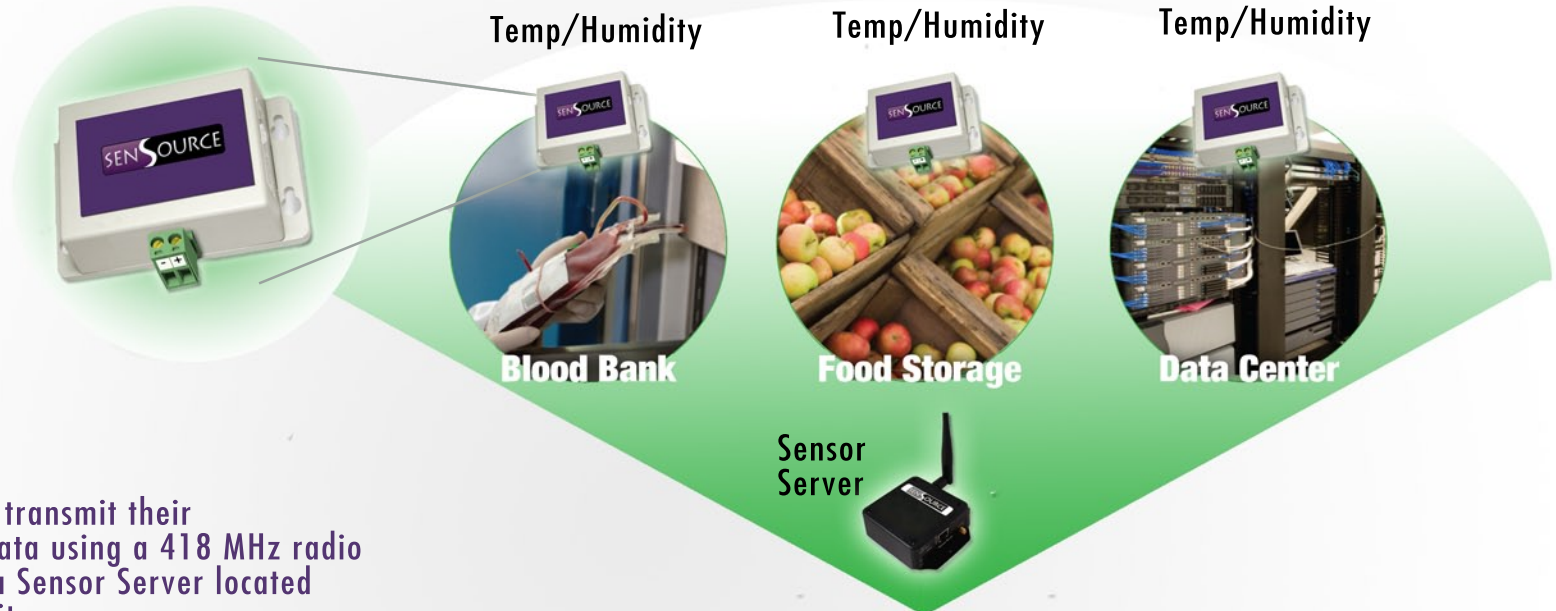
TECHNICAL DATA:

Transmission Rate	10 to 17 seconds
Maximum Transmission Range (LOS)*	600 feet
Maximum Transmission Range (Indoor)*	200 feet
Dimensions	2.5" x 2" x 1"
Weight	1 ounce
Battery life with 15 minute transmissions	up to 3 years
Battery	3.6V Lithium
Humidity Accuracy (at 20% to 80% RH)	± 3% RH
Humidity	0% to 90% non-condensing
Temperature accuracy (at 25°C)	± 0.4° C
Storage/ Operating temperature	-40° to 85° 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.

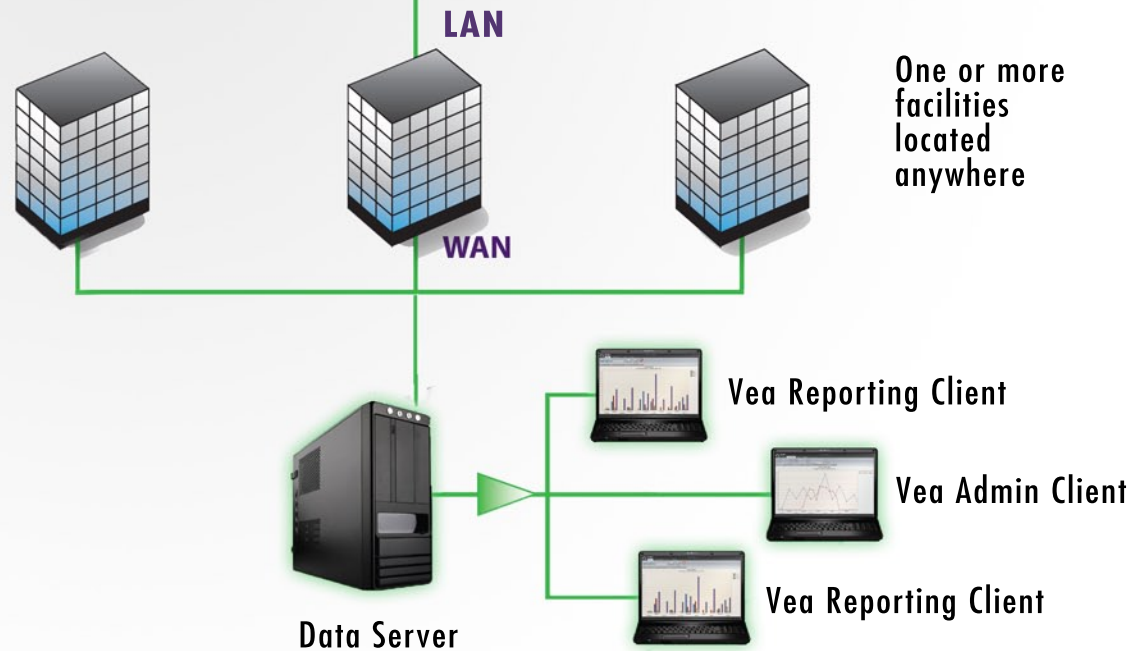
How SenSource 418 MHz Temperature and Humidity Environmental Systems Work



1 Wireless sensors transmit their environmental data using a 418 MHz radio transmission to a Sensor Server located within your facility.

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

3 Distributed installations of Vea can be used to configure, collect, monitor and report temperature and humidity data.



WIRELESS TEMPERATURE AND HUMIDITY SENSOR 900 MHZ WIRELESS

DESCRIPTION:

The TH1 series is battery-powered with an internal temperature and humidity sensor and built-in data transmitter to monitor ambient temperature. The compact enclosure operates in temperatures ranging from -40° to 60° 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 a Sensor Server and Veal Software, automatic and historical reports and graphs are easily calculated.



900 MHZ

Ordering: XR9N-TH1 (900 mhz transmitter)

MAIN FEATURES:

- › Monitors temperature and humidity in ambient settings
- › Up to 100 sensors can coexist using a Sensor Server
- › On-board logging safeguards against power/network failures
- › XR9-TH1 easily configured using a USB cable
- › Proprietary system does not interfere with other transmissions

APPLICATIONS:

- › Storage units and warehouses
- › Hospital surgery rooms
- › Kitchen preparation areas
- › Museum display rooms
- › Scientific laboratories

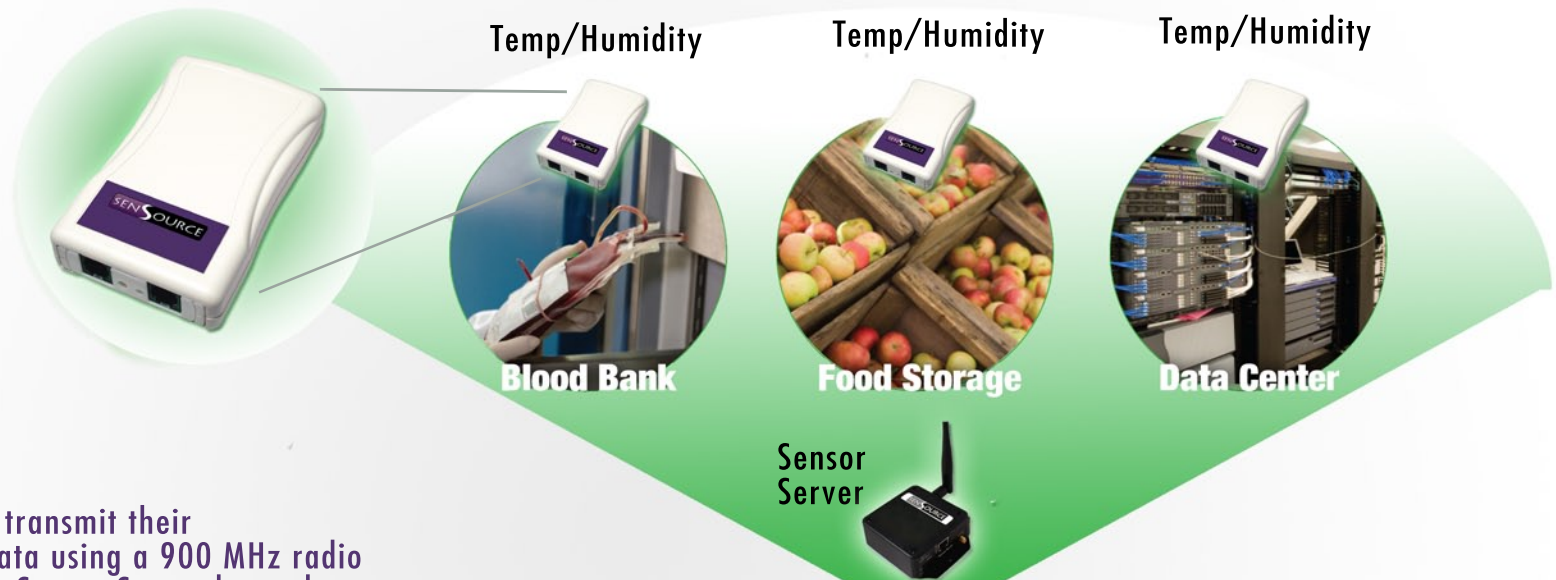
TECHNICAL DATA:

Transmission Rate	user-defined
Maximum Transmission Range (LOS)*	1300 feet
Maximum Transmission Range (Indoor)*	650 feet
Dimensions	4.5" x 2.75" x 1.0"
Weight	5.0 oz
Battery life using 15 minute transmissions	87,600 transmissions, approx 2.5 years
Battery	(2) 1.5V Lithium
Humidity Accuracy (at 20% to 80% RH)	± 3% RH
Humidity	0% to 90% non-condensing
Temperature accuracy (at 25° C)	± 0.4° C
Storage/ Operating temperature	-40° to 60° 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 900 MHz Temperature and Humidity Environmental Systems Work



1 Wireless sensors transmit their environmental data using a 900 MHz radio transmission to a Sensor Server located within your facility.

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

3 Distributed installations of Vea can be used to configure, collect, monitor and report temperature and humidity data.

