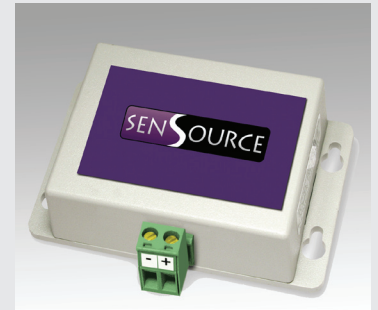


TEMPERATURE SENSOR WITH DOOR STATUS DETECTION 418 MHZ WIRELESS

DESCRIPTION:

The CT1 series is battery-powered with an internal temperature sensor and built-in 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 is ideal for hospitals, kitchens, museums, laboratories, storage units, warehouses and food storage buildings in order to improve product safety, quality, preservation and increase labor efficiency. 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 a Sensor Server and Vea Software, automatic and historical reports and graphs are easily calculated.



418MHz

Ordering: XR4-CT1 (418MHz)

MAIN FEATURES:

- > Monitors both activity count and temperature
- > Up to 50 sensors can coexist when using a Sensor Server data receiver
- > Small, lightweight enclosure is easy to install
- > Proprietary system does not interfere with other transmissions

APPLICATIONS

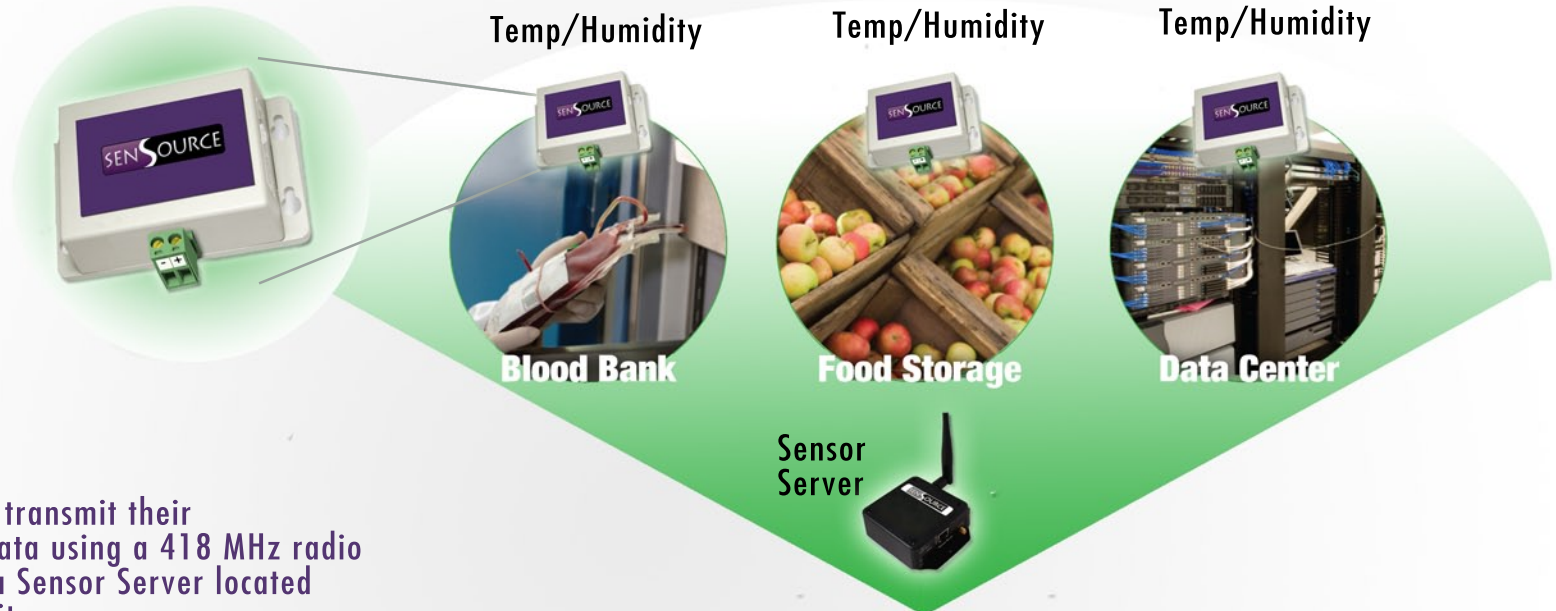
- > Detects when a door was left open and how many times the door was used to access monitored area
- > Monitor refrigeration systems used for pharmaceutical storage
- > Monitor temperature and door usage for building atriums
- > Monitor door usage and temperature of storage units

TECHNICAL DATA:

Transmission Rate	10-17 seconds
Maximum Transmission Range (LOS)*	200 feet
Maximum Transmission Range (Indoor)*	75 feet
Dimensions	3.7" x 2.55" x 2.25"
Weight	1.5 oz
Battery Life with Transmissions	Typical 2 years. Max 3 years
Battery	3.6V 1/2 AA Lithium 1pc
Humidity	0% to 90% RH
Temperature resolution	0.0625° C / 0.1125° F
Storage/Operating Temperature	-40° to 85° C / -40° to 185° F

* Maximum transmission ranges are determined using ideal conditions. SenSource recommends using a 50% safety factor for most installations. SenSource does not guarantee battery life or transmission range. 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.

