

### EQUIPMENT MONITOR 418 MHZ WIRELESS

#### DESCRIPTION:

The XR4-EQM is a battery-powered equipment monitoring sensor with a built-in data transmitter to monitor equipment, vehicles and machines. 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 industrial uses such as monitoring when a machine was turned on or off, how many times a door was opened and closed, and the duration of each event in order to make equipment maintenance more efficient and predict equipment turnover. Using a Sensor Server and Vea Software, automatic and historical reports and graphs are easily calculated.



418 MHz

Ordering: XR4-EQM (418MHz)

#### MAIN FEATURES:

- › Monitors equipment life through counting contact closures
- › Monitors multiple pieces of equipment, machines, and vehicles from any computer
- › Monitors both count and time
- › Will accumulate up to 16,777,215 minutes/ 279,620 hours and operations before rollover
- › Up to 100 sensors can coexist using a Sensor Server
- › Proprietary system does not interfere with other transmissions

#### APPLICATIONS:

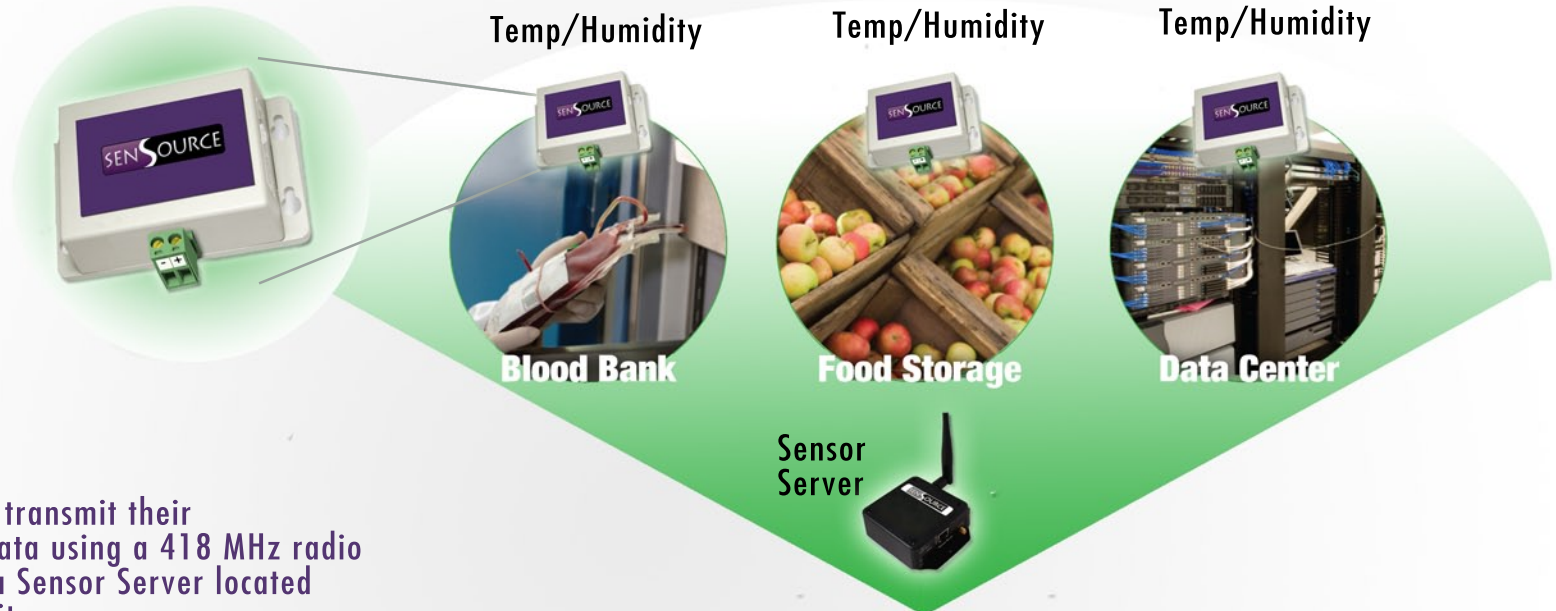
- › Monitor equipment, vehicles and machines
- › Monitor total equipment run-time
- › Monitor contact-closure of doors and mechanical openings
- › Monitor production machinery

#### TECHNICAL DATA:

Transmission Rate	30 to 35 seconds
Maximum Transmission Range (LOS)*	200 feet
Maximum Transmission Range (Indoor)*	75 feet
Dimensions	3.5" x 3.5" x 2.4"
Weight	4.7 ounces
Battery Life with Transmissions	Typical 2.5 years. Max 4 years
Battery	3.6V Lithium
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.

