

ANALOG TO DIGITAL TRANSMITTERS 418 MHZ WIRELESS

DESCRIPTION:

The Wireless Analog to Digital transmitter is a battery-powered analog device with built-in data transmitter used to monitor existing analog devices and transducer signals. The compact enclosure operates in temperatures ranging from -40° to 85°, making it easy to install in almost any environment. This sensor is ideal for monitoring existing analog devices and transducer signals monitoring signals such as pressure, airflow and distance. Using a Sensor Server and Veia Software, automatic and historical reports and graphs are easily calculated. These devices are available with voltage or current inputs to accommodate all industry standard signal inputs: 0-5V, 0-10V, or 20mA signal inputs.



418MHz
Single Input

Ordering:

- **XR4-AN20A**, 0 – 20mA Analog to Digital Sensor
- **XR4-AN5V**, 0 – 5 Volt Analog to Digital Sensor
- **XR4-AN10V**, 0 – 10 Volt Analog to Digital Sensor

MAIN FEATURES:

- > Measures analog input level (0-10v, 0-5v, 0-20ma)
- > 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

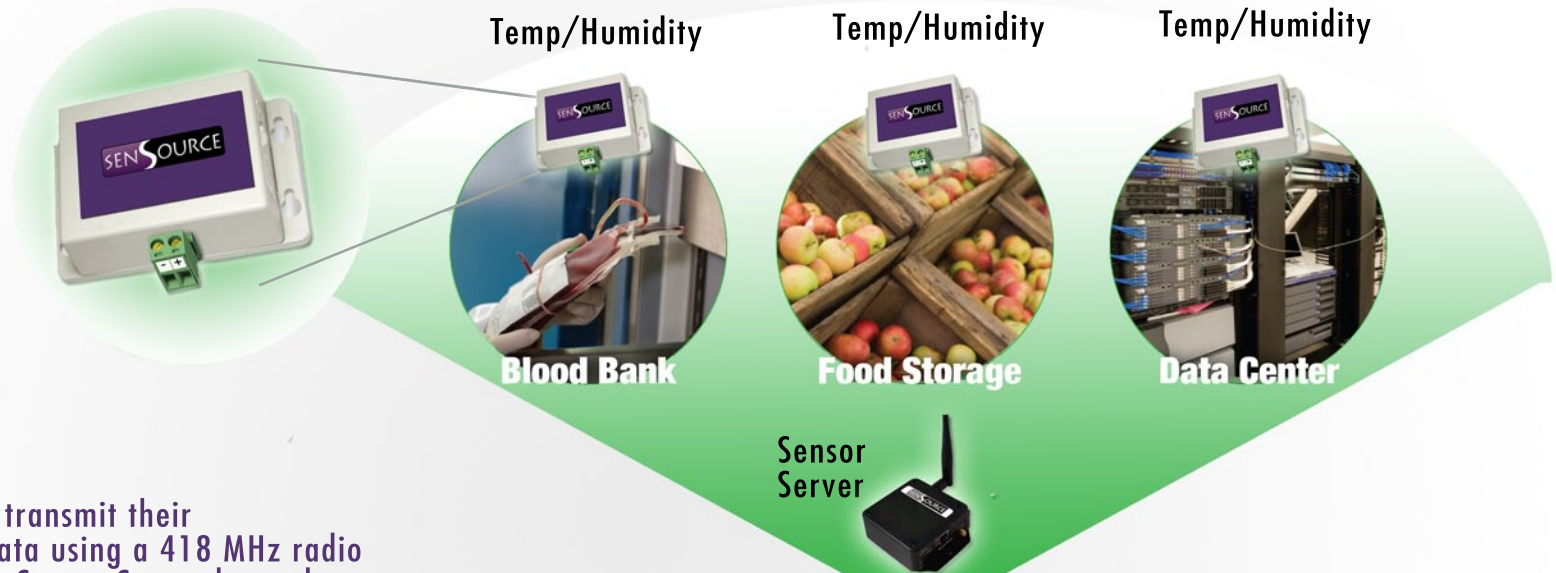
APPLICATIONS:

- > Industrial uses
- > To monitor existing temperature sensors used to regulate dampers in an industrial building
- > To monitor existing pressure sensors that are used to regulate pressure in vehicles and machinery

TECHNICAL DATA:	
Transmission Rate	10-17 seconds
Maximum Transmission Range (LOS)*	200 feet
Maximum Transmission Range (Indoor)*	75 feet
Dimensions	2.5" x 2.0" x 1.0"
Weight	1.5 oz
Battery Life with 15 Minute Transmissions	Typical 2.5 years. Max 4 years
Battery	3.6V Lithium
Humidity	0% to 90% non-condensing
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.

