



IntelliSensor™ Product Description

The IntelliSensor™ is a cost effective, wireless monitoring system operating on the 802.15.4 ZigBee® standard for storing and communicating analog input voltage information, among other features. Sensors transmit data wirelessly to the IntelliGate™. The IntelliGate™ unit temporarily stores and processes all of the data from the IntelliSensor™ units and relays the received data over Ethernet to the FusionLive™ software, allowing for an easy creation of a centrally managed monitoring application.



IntelliSensor™ Features

- ▶ Battery powered wireless solution operates via ZigBee®
- ▶ Analog measurements for input range of 0 to 5V DC
- ▶ Multiple input combinations available in single package (1 to 4 input modules)
- ▶ Completely wireless (No need for power or data cables)
- ▶ Battery lasts up to 10 years
- ▶ Strongest wireless transmitter on the market
- ▶ Supports meshed networking for increased reliability and range
- ▶ Sensors equipped with data loggers capable of storing up to 1 week-worth of data internally
- ▶ Completely integrated solution with FusionLive™ Software
- ▶ No hardware configuration needed (Sensors automatically join network)
- ▶ Firmware can be updated wirelessly (over-the-air)
- ▶ User configurable transmission interval (over-the-air)
- ▶ Conformal coated board for moisture rich operating environments

IntelliSensor™ Specifications

- ▶ Operating temperature of -40 °C to 85 °C
- ▶ Operating humidity of 0 to 100 %, non-condensing
- ▶ Voltage resolution of 0.002 Volt
- ▶ 0.002 Volt Accuracy

