E-Control Systems, Inc.

IntelliSensor™ Product Description

The IntelliSensor™ is a cost effective, wireless monitoring system operating on the 802.11 b/g Wi-Fi standard for storing and communicating temperature and door status information, among other features. Sensors transmit data wirelessly through any Wi-Fi Infrastructure to our FusionLive™ software, allowing for an easy creation of a centrally managed monitoring application.

IntelliSensor™ Features

▸ Battery powered wireless solution operates via Wi-Fi
▸ 802.11 b/g compliant
▸ Temperature and contact closure (door status) readings
▸ 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 3 years
▸ Strongest Wi-Fi Transmitter on the market
▸ Sensors equipped with data loggers capable of storing up to 1 week-worth of data internally
▸ Completely integrated solution with FusionLive™ Software
▸ Hardware can be pre-configured at factory (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
▸ 0.1 °C Temperature resolution
▸ ± 1 °C Accuracy (± 0.5 °C with calibration)
▸ Communication via existing Wi-Fi infrastructure/network
▸ Supports DHCP or Static IP
▸ WEP, WPA, and WPA2 encryption available

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