



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 final rinse temperature and rinse cycle duration in dishwasher applications, 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.



Using a custom patent-pending algorithm, the unit can measure the final rinse cycle water temperature. The device can report the duration of the rinse cycle and if the temperature in that cycle was hot enough to properly sanitize what is being washed.

IntelliSensor™ Features

- ▶ Battery powered wireless solution operates via Wi-Fi
- ▶ 802.11 b/g compliant
- ▶ 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 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

