

## SmartSense Smart Shield

### Wireless Handheld Thermocouple

SmartSense Smart Shield is a low cost wireless K-Type thermocouple designed for recording temperatures throughout the flow-of-food process: receiving, preparation, cooking, holding, serving, and cooling.

### Features

- SmartSense Smart Shield requires corrective actions to be selected at the time temperatures are taken outside of the acceptable temperature range.
- Food temperature information is automatically sent wirelessly to SmartSense Dashboard for instant viewing.

### Specifications

|                                |   |
|--------------------------------|---|
| Display                        | 2.8" full color 320x240                         |
| Temperature Range              | -37°C to 537°C (-100°F to 1000°F)               |
| Accuracy                       | ±0.4°C (±0.7°F) operating range (32°F to 212°F) |
| Resolution                     | 0.1°F/C user option                             |
| Response Time                  | <2.5 seconds                                    |
| Backlight                      | Yes   |
| Fahrenheit/Celsius             | Yes   |
| Sleep Mode                     | Yes   |
| Batteries                      | Rechargeable lithium ion                        |
| Battery Life                   | 10 hours continuous usage/90 days standby       |
| Calibration/Verification       | Calibrated with ice water method                |
| Construction                   | ABS plastic                                     |
| Dimensions/with Probe Attached | 6.63" x 3.29" x 1" / 7.5" x 3.29" x 1"          |
| Weight/with Probe Attached     | 6.4 oz / 8.2 oz                                 |
| Water Protection               | Yes: IP66 waterproof                            |
| Compliances                    | RoHS/FCC/IC                                     |

\* Actual communication distance will depend on RF environment



For more information about SmartSense Smart Shield visit [www.smartsense.co](http://www.smartsense.co) or call 1-866-806-2653