

REAL TIME. ON-LINE. WIRELESS.



### TempTrackr™ - Key Features

- Batteryless Wireless Temperature Sensors
- Multiple Sensor Tracking Capability
- 80 inch (~200 cm) Interrogation Distance<sup>1</sup>
- Temperature Range: -40°C up to 220°C<sup>2</sup>
- Wireless Reader powered by Laptop
- User friendly, simple to use interface
- Plug-n-play sensor connectivity and installation

### TempTrackr™ - Contents

- Six Wireless SAW Temperature Sensors
- One Wireless Reader
- One Dipole Antenna with extended cable for Reader
- One CAN to USB converter
- Software CDs
- Documentation

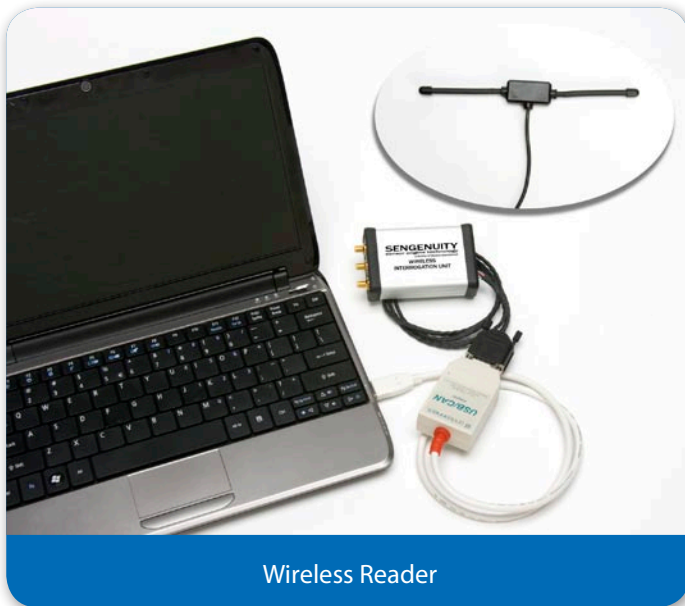
### Description

The TempTrackr™ Multipoint System provides a batteryless, non-invasive and low cost temperature measurement solution that is ideally suited for applications ranging from High Power Switchgear to Wireless Food Temperature Probes. The Kit is designed to showcase the capabilities of the TempTrackr™ Wireless Multipoint System. Each Kit includes six batteryless wireless temperature sensors that are capable of reading temperatures between -40°C and 220°C<sup>2</sup>.

The TempTrackr™ Wireless Multipoint System is capable of tracking up to six sensors using a single interrogation antenna and up to twelve sensors using multiple interrogation antennae. SenGenuity will work closely with you to adapt the TempTrackr™ Wireless Multipoint System to meet the specific needs of your application.

### Performance Specifications

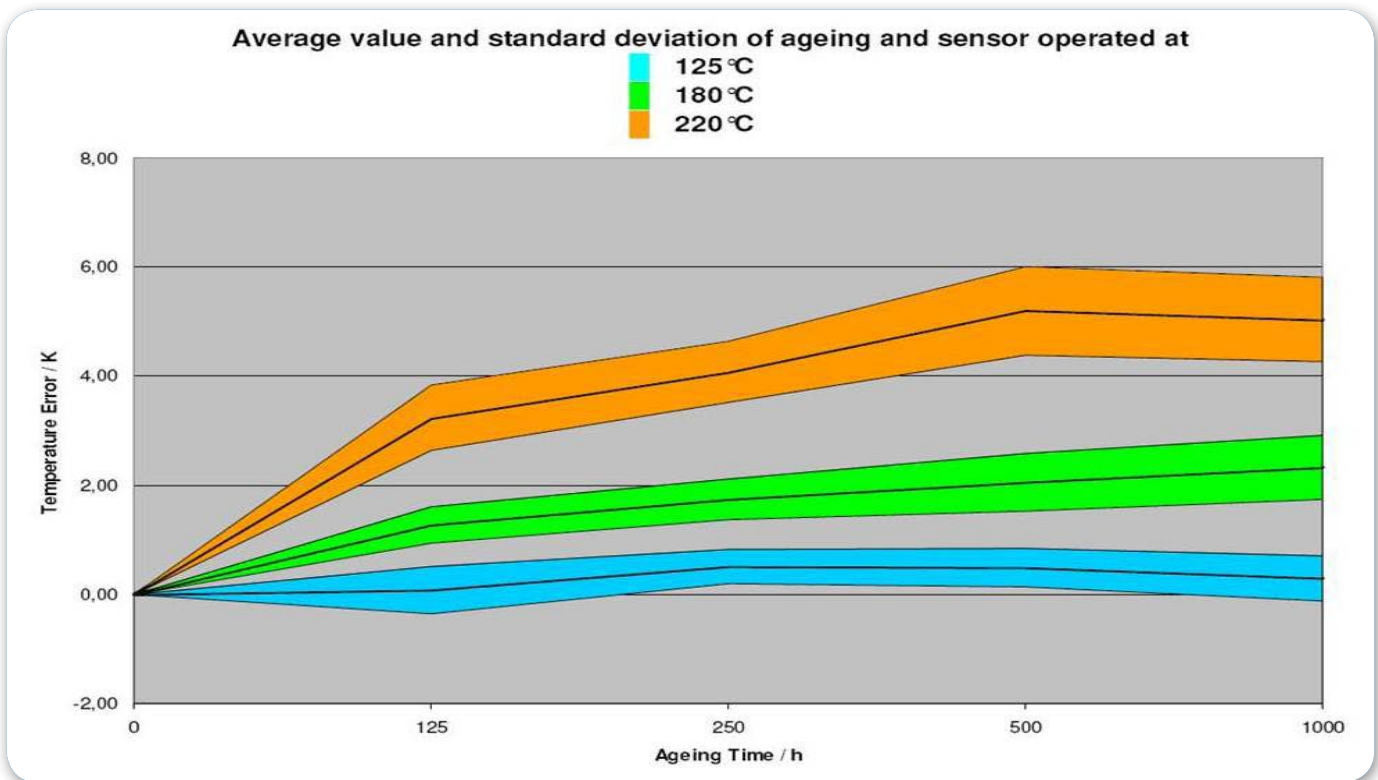
Parameter	Value
Operating Temperature Range	-40°C up to 220°C <sup>2</sup>
Interface between Sensor and Antenna	SMA connector
Power Consumption of Reader	400mA, 5V
Power Source of Interrogator	USB
Frequency Span	428 MHz to 439 MHz
Maximum Interrogation Distance (Adequate grounding of sensor assembly) <sup>1</sup>	80 inches (~ 200 cm)
Error	Please see graph - next page
Dimensions of Reader	3.3" x 2.1" x 1.0" (8.38 cm x 5.33 cm x 2.54 cm)
Dimensions of Sensor	0.75" x 0.59" x 0.19" (1.91 cm x 1.50 cm x 0.48 cm)
Dimensions of Sensor Antenna	0.80" (dia) x 1.00" (height) (2.03 cm (dia) x 2.54 cm (height))



Wireless Reader



Wireless Temperature Sensors



## Part Number

TempTrackr™ Wireless Multipoint System Kit-6

723200021

### Notes:

- 1) Dependent on RF environment.
- 2) The antennae provided with the TempTrackr™ Wireless Multipoint System Kit are best used between 0°C and 110°C. Different software required for measurement between -40°C and 220°C.
- 3) FCC and CE compliance certification is underway for TempTrackr™ products.
- 4) The approximate dimensions of the TempTrackr™ Multipoint Starter Kit case are 10.5" x 10.0" x 5" ( 26.67 cm x 25.40 cm x 12.70 cm).
- 5) The approximate weight of the fully loaded TempTrackr™ Multipoint Starter Kit is 3.9 lb (1.8 kg).

Product status and specifications are subject to change.

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