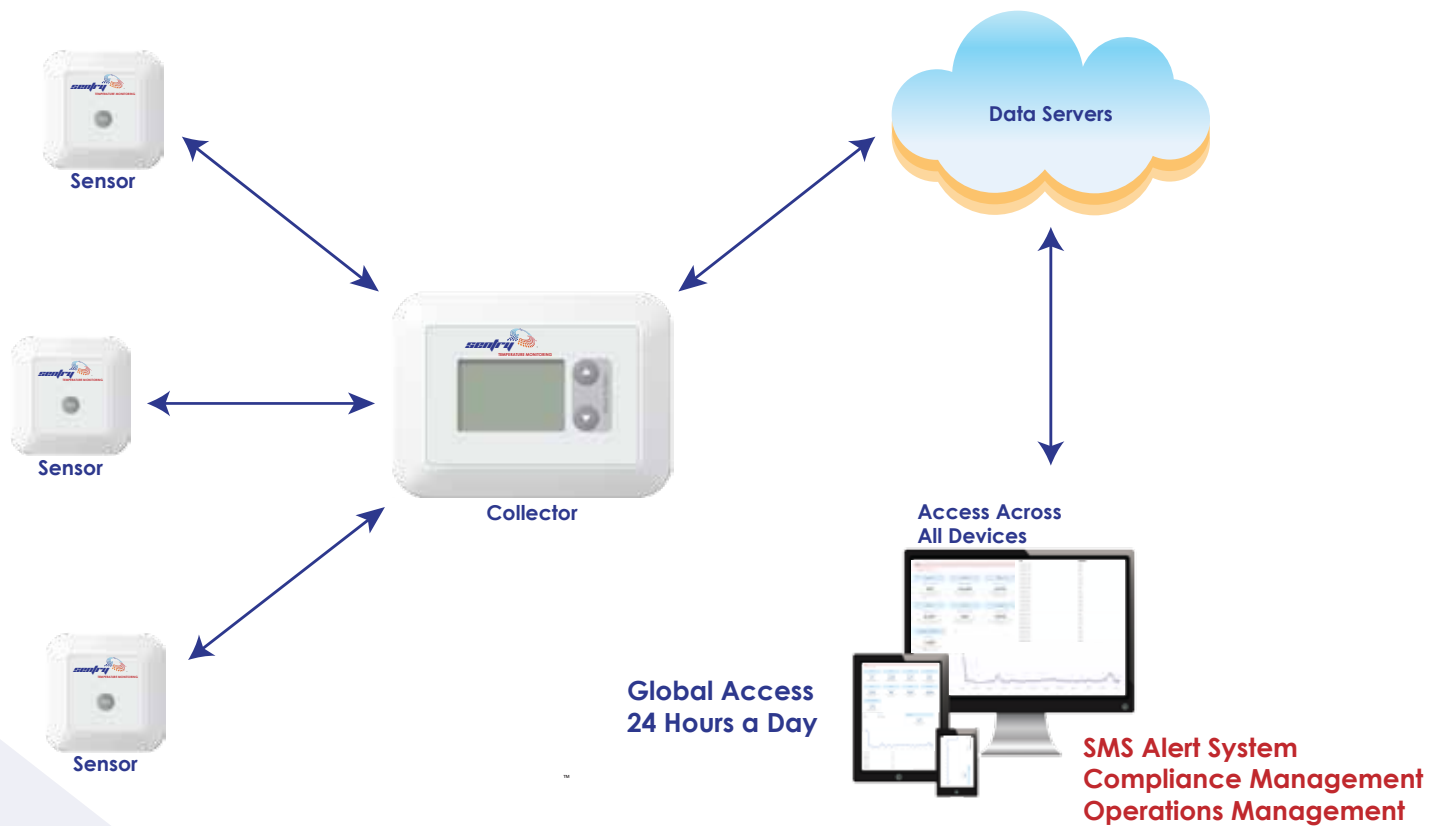




Food Temperature Monitoring SOLUTIONS



Food Temperature Monitoring SOLUTIONS



How it works.

The Sentry Temperature Monitoring System is comprised of a Collector unit and digital temperature sensing devices that are accurate to 0.5°C. The sensors send data wirelessly to the Collector unit which stores the information and forwards it via 3G network to an AFSTC cloud-based server where it is constantly monitored and alerts and reports are generated.

The Collector unit is rated to IP67 and has an easy-to-read display for instantaneous data readings of all linked temperature sensing devices.



“Devices are being monitored 24/7 so compliance reporting requirements are taken care of, leaving you free to do what you do best.”



The Benefits

- The Sentry Temperature Monitoring System provides 24/7 real-time monitoring of temperatures and immediately alerts users of discrepancies from set temperature parameters, allowing a timely response to take corrective action and preserve valuable stock.
- The Sentry Temperature Monitoring System automatically generates daily compliance reports via email providing accurate data and peace of mind that compliance reporting requirements are met, even on days when the business is closed.
- The Sentry Temperature Monitoring System provides detailed management reports to assist businesses with the efficient operation of their storage devices, providing significant savings in operating costs.

Installation

Installation of the Sentry Temperature Monitoring System is quick and easy. The temperature sensors are simply paired to the Collector unit and put into place.

Full signal level functions can be detected on both the temperature sensor and the Collector unit.

Batteries are standard off-the shelf and provide in excess of **two (2) years** life in all applications including freezers.

Applications

Designed and manufactured in Australia, the Sentry Temperature Monitoring System (Patent Pending) developed by AFSTC is ideal for monitoring of Cold Stores, Coolrooms, Freezers, Fridges, Display Cabinets, Refrigerated Transport and many other applications where temperature control and monitoring is critical.

The Sentry Temperature Monitoring System is also ideal for many applications in the healthcare and pharmaceutical industries.



Technical Specifications

Specifications - Collector

Product Code AFSTC – C1

Dimensions: 110 x 150 x 40mm

Weight: 380g

Network Requirements: No additional network required

Battery-backup: Approx 7 days

Device Operating Range: Up to 100m in free air

Device Operating Temperature Range: 0°C to +45°C

Real Time Temperature Alerts: Yes

Alert types: Email and/or SMS

On-Line History Archive: Yes

Warranty: 5 Year

Activation Fee: No

Website Access Fee: Included



Specifications - Sensor

Product Code (Wireless) AFSTC – SW1

Product Code (Hard Wired) AFSTC – SH1

Dimensions: 100 x 100 x 25mm

Weight: 165g

Battery Life: in excess 2 years

Wireless Sensor Operating Range: Up to 100m in free air

Sensor Temperature Range: - 30°C to +65°C

Temperature error $\pm 0.5^{\circ}\text{C}$ ($\pm 1.0^{\circ}\text{F}$) between -30°C and 65°C

Power Source: 2 x AAA Alkaline or Lithium Batteries

(Lithium required for Freezer applications)



Features:

- Real Time Temperature Alerts via Email or Text Messages
- Daily reports available in multiple formats via email
- Data history available via website
- Set multiple temperature alert levels
- Connect up to 64 sensors per Collector
- Fully contained system, no local network or computer needed
- IP67 Rated Food Grade Plastics for indoor / outdoor use
- Logs temperature readings on cloud based servers with backup redundancy
- Plug pack operation with battery backup
- Can be used in fixed or mobile applications

The information provided in the specification is believed to be correct at the time of printing.

AFSTC reserves the right to change or modify any of the specifications without notice or obligation to update existing units.

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