

BioSentinel™



BioSentinel-RF™ RADIO TEMPERATURE SYSTEM

BioSentinel-RF™ - Details:

BioSentinel-RF™ gives you accurate and secure temperature monitoring with minimal installation costs and greater flexibility than hard wired systems - at a lower cost than you might think.

Removing the need for disruptive hard wired systems, BioSentinel-RF™ gives you precise temperature monitoring and recording of fridges, freezers, cold stores etc. depending on your needs. It logs temperatures automatically at a rate set by you, making manual checks redundant.

Each temperature transmitter can be up to 100 metres from a radio base station - and each individual temperature probe can be wired in a further 200 metres from the transmitter. Signal boosters can extend the 100 metre range. Systems vary from a minimum of 4 temperature transmitters and one base station to a maximum of 64 transmitters. All have user replaceable batteries with a lifetime of 5 years and a warning light to alert you to a low battery.


Using BioSentinel-RF™ ensures quality and consistency and guarantees the safety of your stock. It also enables food processing, storage and transportation firms to meet 'Due Diligence' and HACCP regulations which demand proof that safe temperatures have been maintained.


Temperature readings can be downloaded to any office PC using Windows software supplied free with all systems. Data can be displayed graphically or as a spreadsheet. You can view temperatures in real time on screen and a high/low summary. Months of data can be displayed on one graph enabling you to track quality.


BioSentinel-RF™ has a sophisticated alarm system that alerts you to unacceptable temperature changes. Time delays help to prevent false alarms. If the alarm is triggered, an internal siren alerts those nearby. When unattended, BioSentinel-RF™ can dial out through the telephone network to alert you to any problem.


BioSentinel-RF™ – Technical Specifications:


Number of Channels/units	• 4 - 64 Channels PT100 3/4 wire
Type of Input	• 4 - 64 temperature radio transmitters
Temperature Range	• -200°C to +500°C (accurate to 0.2°C)
Host Communication	• RS232, RS485 or network • 120,000 readings non-volatile memory
Host Alarm	• Voltage free relay contact & modem or autodialler
Modular system	• Base unit with 4 channels
Display	• 4 x 20 LCD display
Audible Alarm	• Built-in Piezo-electric buzzer
Supply Voltage	• 240V / 110V switch selectable
Enclosure	• IP65, Designed for wall mounting, of polyester painted steel

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