SecureTemp
Intelligent Solutions for Logistics

Reliable
Driver alert
Temperature monitor

How SecureTemp works

The SecureTemp system is a vital component for preventing loss of refrigerated loads due to temperature breaches. The TempRF temperature sensors are wireless and install in seconds. The high visibility backlit LCD in-cab display is powered from the cab and provides real-time temperature readings and alerts to the driver en-route.

Failure to maintain stringent temperature conditions during transit results in the rejection of valuable perishable loads. The SecureTemp system will alert the driver before critical conditions occur allowing remedial action to be taken. Wireless RF technology creates zero communications costs and there is no cable connection from trailer to cab.

Benefits

• Eliminates manual temperature reading and reduces risk.
• No wiring between units: wireless RF connection between trailer and cab.
• TempRF sensors install in minutes - wireless.
• -25°C to +55°C operating temperature range.
• Real-time in-cab LCD display with temperature breach alerts.
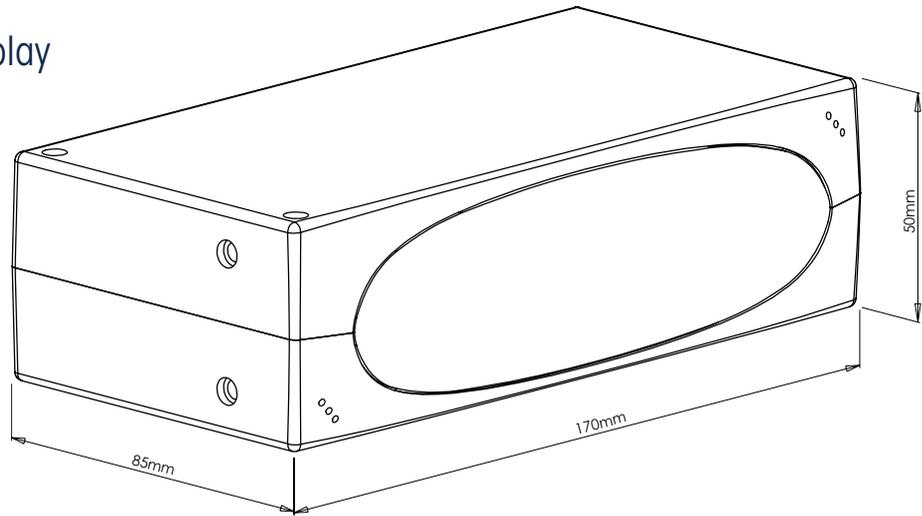• Option to monitor up to two temperature sensors per trailer.

Key features

• Can be used with frozen, chilled, ambient or warm loads.
• Bold white on blue high visibility backlit LCD display
• Unique RFID "matching" feature
• Two Channel: 2 zones, multi-temp, air/product, front/rear, etc
• Wireless sensor's longlife integrated battery (+4 years under normal operating conditions)
• Maintenance-free.
• Receiver enclosed in robust plastic in-cab DIN case.
• Display shows temperature and paired sensor ID.
• Optional RS232 output to telematics system.

In-cab temperature
display unit
with driver alert
for trailer
temperature breaches.

SecureTemp in-cab display

50mm

170mm

85mm

TempRF Specifications

Radio frequency:	868MHz
Transmit interval:	1-15 minutes
Operating distance:	600 metres LoS
Temperature range:	-25°C to +55°C
Antenna:	Integrated
Sealing:	IP 68 rated
Battery life:	4-7 years (long-life lithium)
Address:	Unique ID
Lower power radio:	100% EMC safe
Accuracy:	±0.5°C
Approvals:	EN-300-220-1
Dimensions:	110 x 62 x 28 mm

SecureTemp Display Specifications

Fixed tuning:	868 MHz
Power:	12/24 V vehicle input PSU
Power Usage:	150mA
Housing:	Robust plastic DIN 75490 enclosure
Display:	Midas 16-character back-lit LCD
Dimensions:	170 x 50 x 85mm
Panel cut-out:	120 x 23mm
Output:	RS232 communications port
Antenna:	SMA antenna connector