

Temp monitoring service only
available through CAMS 9

Multicom Temp Sensor

Wireless and Fixed IP Alarm Communicator & Temperature Sensor

Security & Temperature monitoring in one device!

Protects sites from theft and damage caused by temperature variation

Finally a temperature monitoring solution that is both non-disruptive and profitable for monitoring centres.



AlarmLINK app



Up to 8 Sensors
-10°C to +85°C

Multicom Temp Sensor

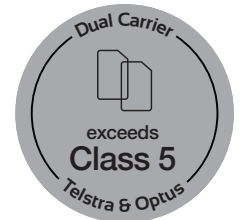
Overview

The Multicom Temp Sensor is a leap forward for security and temperature monitoring combined. With support for up to eight temperature sensors and total bus distance of 1000m, the Temp Sensor can manage a single refrigerator to large warehouses with multiple cool rooms.

Why choose the Multicom Temp Sensor?

- ✓ **Authenticated temperature records retained offsite on a secured server for up to 10 years**
- ✓ Secure multi-user data access to data at anytime via AlarmLINK mobile app
- ✓ Compliant with legislative and regulatory requirements
- ✓ Alarms instantly sent to customer's AlarmLINK app via the CAMS alarm monitoring centre.
- ✓ AlarmLINK app displays full temperature and alarm history and alarm management
- ✓ **Exceeds Australian Food Safety Standards with proper use by end customer**
- ✓ **Exceeds the Class 5 Australian Standard (AS22015). Certified and Quality Assured**
- ✓ Uses 4G technology which is a viable alternate solution to the NBN, and far more reliable
- ✓ Auto-switching across voice and data communication paths - 4G/3G, GSM
- ✓ Dual-Carrier technology doubles redundancy by utilising 2 separate carrier networks

No other manufacturer offers this!



AlarmLINK app

Podcast Interview
00:00
How to make temperature monitoring profitable

- Arm/disarm the alarm system
- Verify site and people attendance
- View alarm and temperature history
- Panic button for emergency response
- Control doors, gates, lights
- Dual Carrier 4G/3G SIM
- 99.99% Network Redundancy
- Exceeds Australian Food Standards
- 24/7 Partner Support
- Easy config with TechTools app

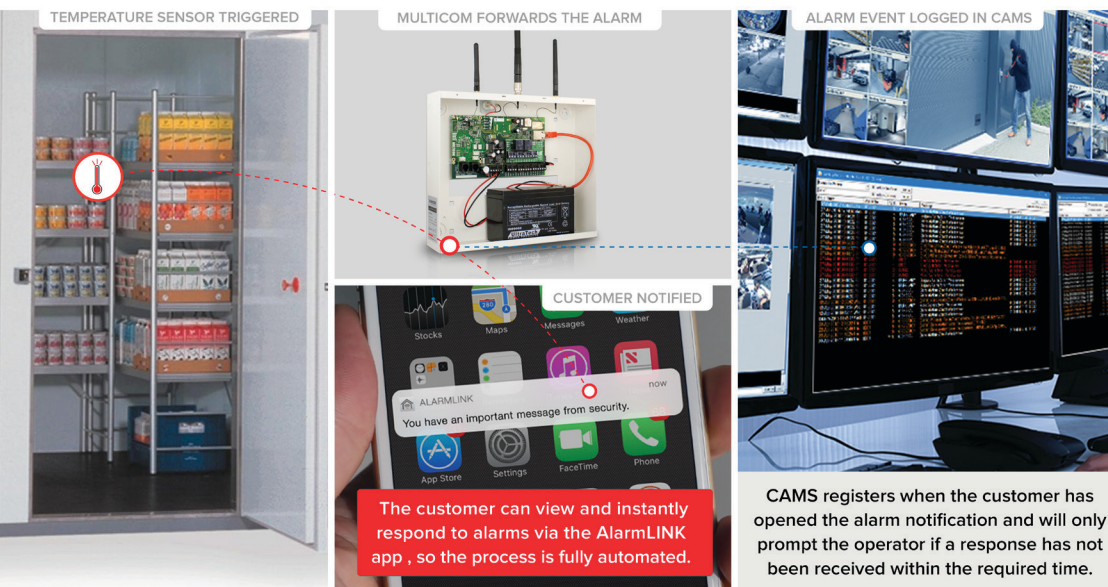
nbn solution **4G**

Automated alarm handling

The temperature alarm events are registered at the CAMS monitoring centre and then instantly pushed out to the AlarmLINK app to be actioned by the end customer. This ultimately saves the monitoring centre an enormous amount in operator time.

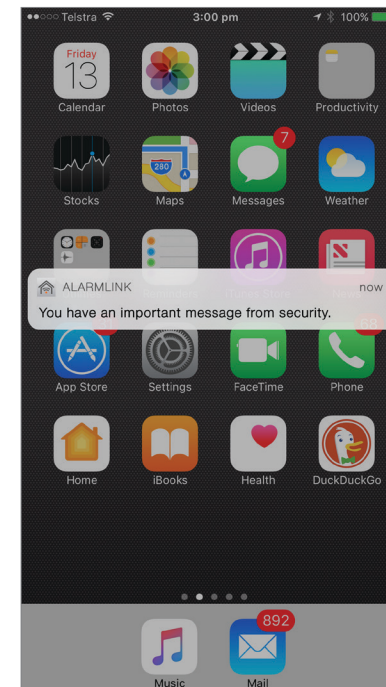
CAMS 9 will log when the alarm notification was opened by the customer and will prompt the CAMS operator only if action is required. In most cases the operator will never have to touch the alarm event.

Alarm handling process via AlarmLINK

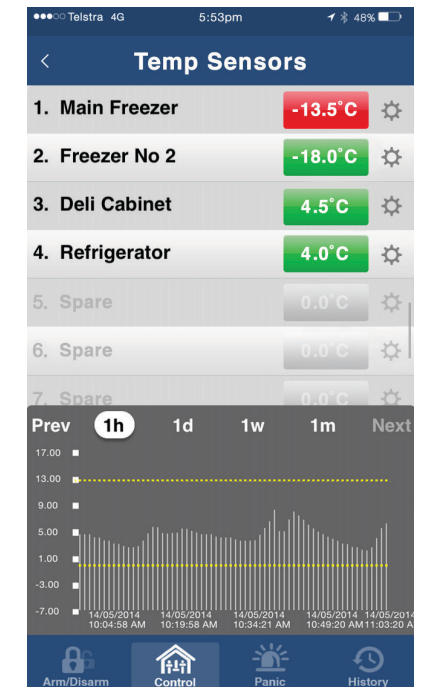


In most cases the operator will never have to action the temperature sensor alarm, which makes the solution highly efficient and profitable to the CAMS monitoring centre.

“ Thanks to AlarmLINK, temperature monitoring is now completely automated, non-disruptive and profitable. The only time the CAMS operator has to action a temperature alarm is if a customer fails to respond to an alarm notification within the predefined time period.



A The end customer receives the temperature alarm notification on their mobile phone, which can be viewed within the AlarmLINK app.



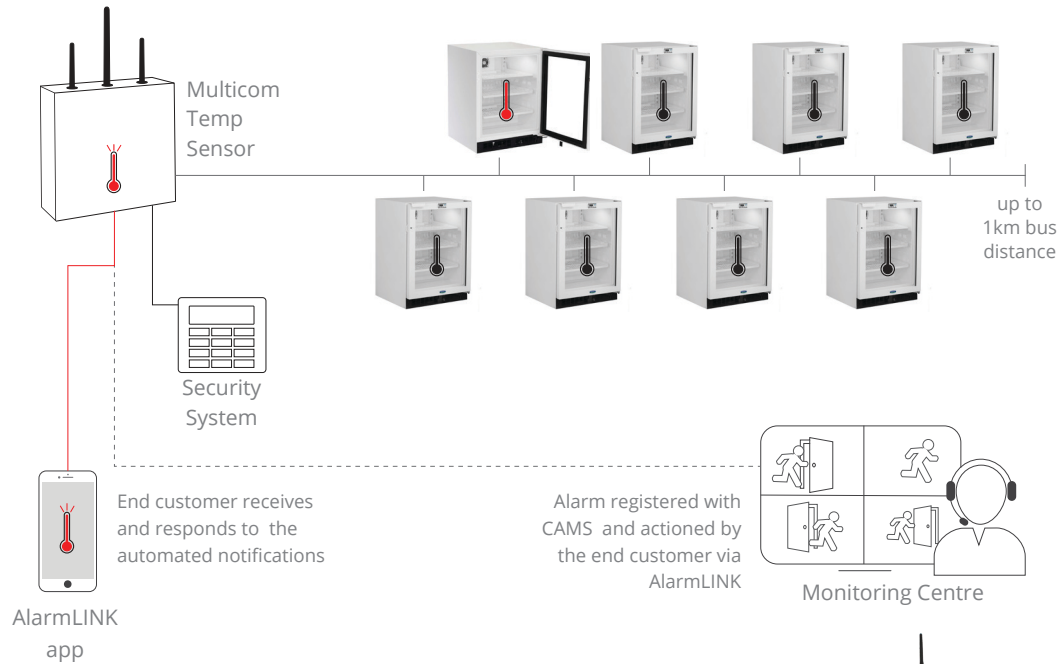
B AlarmLink allows the customer to verify the details and location of the temperature alarm including recent history.

Temperature Monitoring Applications

The Multicom Temp Sensor is designed for a range of applications where both alarm and temperature monitoring is required. Supports up to 8 temperature sensors with a bus distance of 1000 metres the Temp Sensor is capable of monitoring both small and large commercial installations.



Monitors alarm and temperature events for up to 8 devices simultaneously.



The Multicom Temp Sensor is fully compatible with all temperature controlled storage devices.



Why Multicom Temp Sensor

✓ Lifetime Warranty

The Lifetime Warranty is available exclusively to our Comms Partners and extends our standard three year warranty to a Lifetime Warranty of the device. This means if an enrolled device fails because of a defect in materials, Suretek will, repair or replace it at no charge.

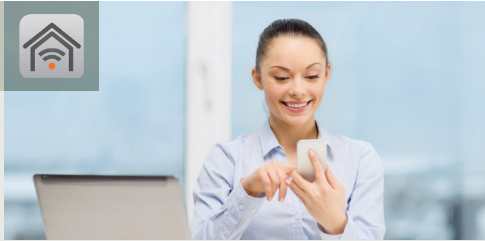
✓ 5-Year Technology Guarantee

Should a carrier no longer support the technology within *5 years of your purchase then Multicom will replace your product with the latest technology. The 5-year tech upgrade adds value to your Multicom investment, and peace of mind.

* Only available to our Comms Partners. Terms and Conditions apply. Contact Suretek for more details.

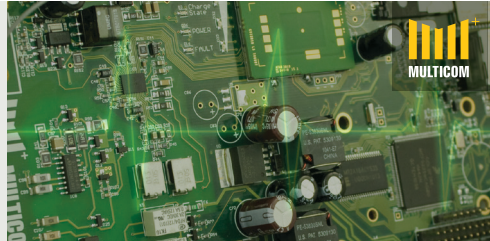
✓ Reliable Transmission

The Temp Sensor transforms your analogue alarm system so that it will operate with new transmission technology. Alarm systems do not reliably work over the NBN and the Multicom ensures your alarms can be sent via proven alternate transmission paths.



AlarmLINK puts you in control

AlarmLINK for iPhone and Android devices lets end customers connect and control their home and business alarm system from anywhere in the world. It lets multiple authorised users, control the alarm system. Multiple sites can be setup and instantly accessed. Connection to your alarm panel is protected via permissions-based security as well as an optional passcode.



Polling for greater security

Polling authenticates your alarm system's integrity, which means if your alarm system fails or has been tampered with in some way, your monitoring centre will know about it almost immediately. Polling is like security for your security system. If polling fails on the default network, the Multicom transparently switches across multiple paths and carriers, a patented proprietary polling method exclusive to Suretek.

Management Apps

Two powerful apps have been provided for both installers and users of the Multicom alarm communicator.

The Apps

TechTools provides the technician with full management of the Multicom, while AlarmLINK provides users access to alarming events, alarm history and arm/disarm of the alarm system.

TechTools - for technicians

Developed for the technician, this app enables fast setup and configuration of the Multicom.

Ongoing management of the device can be done locally or remotely from the tech's mobile device. All of the technicians device installations are stored in the app for easy multi-site maintenance.

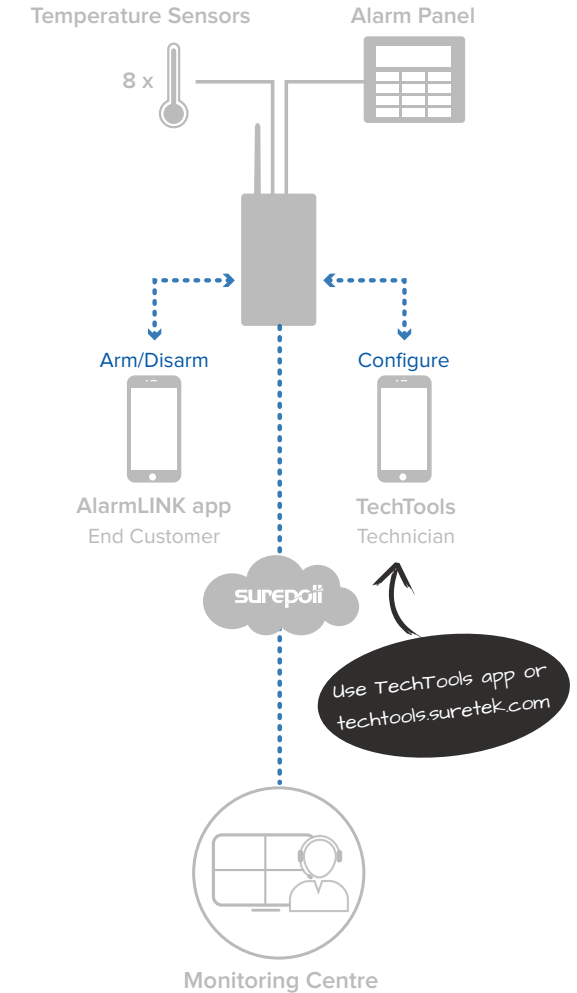
Download TechTools



AlarmLINK - for end customers

This gives the end customer full access to the alarm panel via their mobile device. The app allows arming and disarming of the alarm panel. It also keeps the user up to date with the latest alarm events. In the case of an important alarm event the alarm monitoring centre operator can send instant alerts to the app with an action request.

Download AlarmLINK



Specifications

TEMPERATURE FEATURES

Supports up to 8 temperature sensor modules (part no. MCTSM)
Supports up to 300m CAT5/6 cable without expansion module
Expander module adds a further 300m
High-temp/low-temp with alarm and restore delay timers per sensor
Simple one-touch learn function
User reset input - for use with external switch
Serial bus monitoring
Global restore threshold
Bus failure alarm notification
Sensor failure alarm notification
Map up to 4 relay outputs to alarm events

PRODUCT FEATURES

Communication Paths	4G / 3G Contact ID via CSM Ethernet (10/100 FEC) SMS Serial
Reporting Format	Contact ID Surepoll
Inputs	4 x 24hr alarm inputs with programmable End-of-Line Resistors (EOLR) Dedicated Tamper Input
Output Devices	2 x programmable dry relay contact for system trouble or automation outputs Wireless Power Point Control 12V Auxiliary Output (200mA poly Fuse)
Quad GSM band Options	800/900/1800/1900 MHz 2 x Programmable IO for Custom applications
Expansions	Serial Programming Cable On-board Expansion Interface, hardwired and Bluetooth
Backup Supply	12V 7Ah with three stage charger
Power Supply	16Vac, 50Hz Adaptor
Approval	N28785
Enclosure	Tamper proof 1.3mm steel
Dimensions	H 265mm W 310mm D 65mm

OPERATIONAL FEATURES

Alarm Reporting	3G/4G/GSM/Ethernet Fault (optional) Test report (programmable) Programming Update / Access Alarm Communication Fault Zone Lockout (optional) Multicom Power Point Cycle
Alarm Mapping	Map alarm events to either Relays or Contact ID message reporting
Remote Software Update	Full remote programming and management of software / firmware via 3G / Ethernet

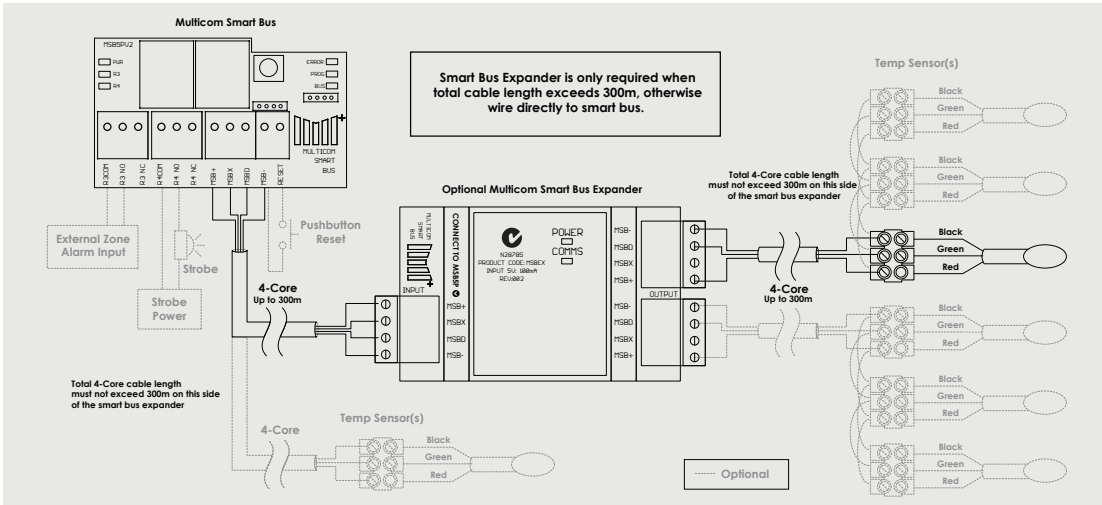
4G / ETHERNET FEATURES

4G / 3G Operation Features	Contact ID to 4G conversion Surepoll Private IP WAN (Polling, programming, Alarm communications, remote software update) 128 Bit AES Encryption Programmable Alarm reporting priority (Ethernet/3G/PSTN/GSM) Ethernet with DHCP or Static IP Multicom Power Point will cycle attached Ethernet hardware (ADSL/DSL/NTU/Router/Switch) in the event of network outage (programmable) Path Aggregation between 4G and Ethernet
Ethernet	

PSTN FEATURES

MODE 3	Onboard mode 3 relays for complete signal control and isolation
FXO	Globally Compliant PSTN Line Interface with Digital Audio Interface
FXS	Globally Compliant SLIC Interface for TRUE PSTN signalling
Programmable Features	Fault detection Delay and voltage threshold with Contact ID event Path priority (MCSP as primary or secondary delivery method)

Wiring Diagram



Products



Temperature Probe
Monitors the temperature of cooling and heating devices, and sends the data back to the Multicom Temp Sensor

MCSBTS
10 metre cable, with maximum distance of 1km using the Smart Bus Expander.



Smart Bus Expander
Connects the Temperature Probes to a distance of 1km.

MSBEX
1 expander allows you to connect a maximum of 8 temperature probes.

Multicom 5P Temp Sensor
MC5P-Temp
Temperature Sensor and Alarm Communicator



High-Gain Antenna
Long distance multi-band antenna for reliable voice, video and data delivery.
MB-TNC-5B
Antenna with 5m cable
MB-TNC-10B
Antenna with 10m cable



SUPPORT: 1300 65 44 33



Educational Podcasts



HOW TO MAKE TEMPERATURE MONITORING PROFITABLE

Suretek's managing director talks about the disruptive nature of monitoring temperature alarms and a new solution that mitigates the high ongoing costs in terms of operator time and telephone calls.



FUTURE FOR 1345, REBATES AND ADVICE TO BUREAUS

What is the future for the 1345 business in Australia and will the outcome impact rebates? Plus some general advice for installers and bureaus and what to consider before partnering with a monitoring centre.



UNDERSTANDING GSM AND IMPACT ON REDUNDANCY

An interview that discusses what options bureaus should consider in terms of wireless and fixed line redundancy. This podcast was recorded just prior to Telstra's shut down of the 2G network.



HOW TO CHOOSE THE RIGHT ALARM COMMUNICATOR

While alarm communicators may look the same on the outside they differ in reliability in terms of uptime and alarm delivery. Here we discuss what bureaus and installers should be looking for in choosing the right device.



ARE YOU PREPARED FOR THE NBN ROLLOUT?

The NBN is causing alarm delivery failure and increased call costs in some instances. Here we discuss how the NBN network is impacting the industry in Australia and what you can do to prepare in advance for a smoother transition.



THE ADVANTAGES OF MANAGED POLLING

The NBN is causing alarm delivery failure and increased call costs in some instances. Here we discuss how the NBN network is impacting the industry in Australia and what you can do to prepare in advance for a smoother transition.



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Temperature monitoring feature available exclusively through CAMS 9 monitoring centres

