

# ThermAlert

Temperature Monitor and Alert System  
Monitors your environment..  
Anytime, Anywhere

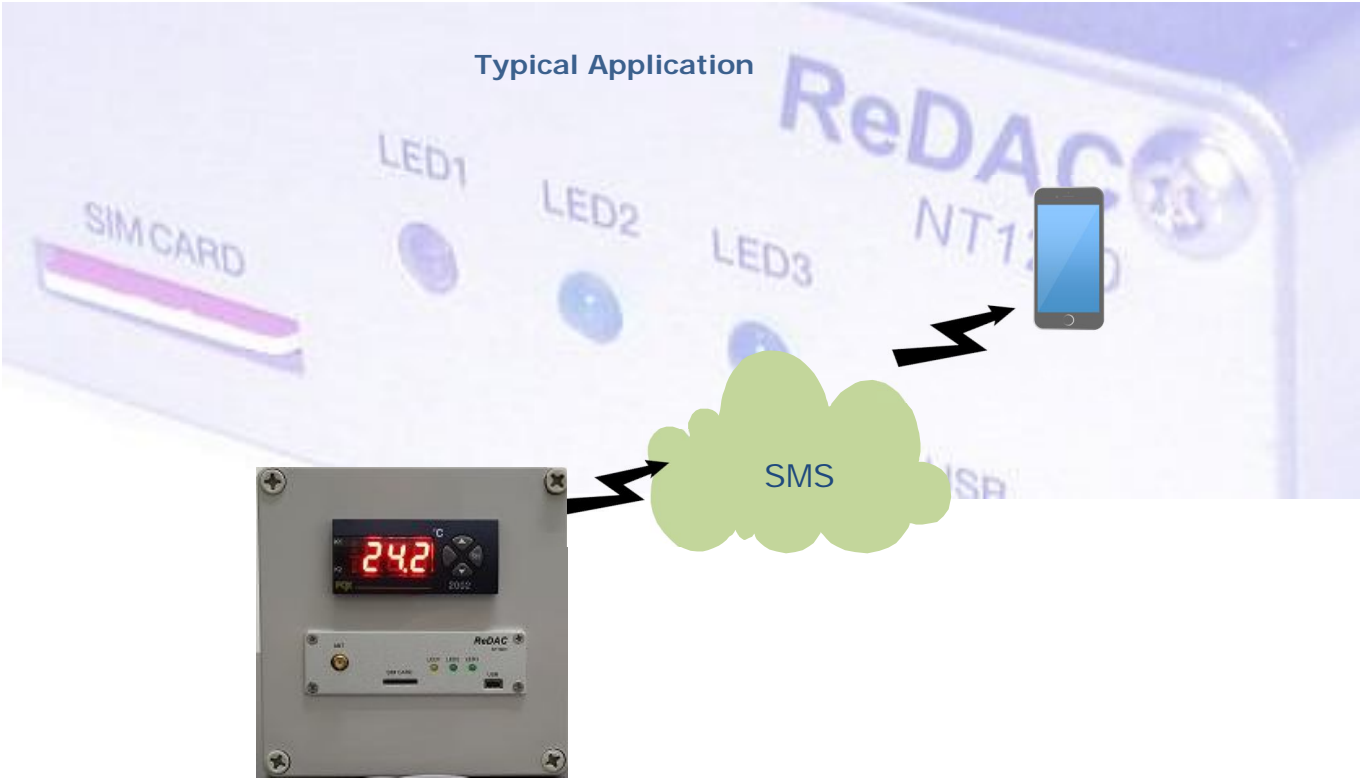


**ThermAlert-sms** is an Industrial Grade Temperature Monitoring and Alert System that sends out alerts when the temperature reaches a pre-set threshold.

It uses a SIM card to send out SMS to a list of contacts. It does not require any internet/network connection.

Contacts are setup using a windows app and downloaded via a USB cable.

With **ThermAlert**, you can be assured that your assets are monitored reliably and be alerted immediately when situation requires your attention.



## Typical Usage:

Data Centers

Temperature Controlled warehouses

Pharmaceutical Storerooms

Offices

Factories

## Key Features:

### Robust Design

ThermAlert is designed for unattended 24 x 7 operation, where reliability is a key consideration.

### Industrial Grade Sensor

Fully calibrated sensor with high precision and accuracy.

### Stand-Alone System

The system does not depend on any network connectivity. It uses a SIM card to send out SMS Alerts. Up to 8 handphone numbers can be configured.

### Regular Status Checking

The system can be configured to send out daily heartbeat SMS to the handphones.

### Power Monitoring

When there is a power disruption to the equipment, it uses its internal battery to send power failure alerts to the handphones.

### Events Log

Your data is stored for up to 100 records in its internal memory, and can be downloaded to a PC via the usb cable.

## General Specification

|                       |                        |
|-----------------------|------------------------|
| Dimension             | 130 mm x 80 mm x 30 mm |
| Weight                | 200 gram               |
| Operating Temperature | 0 - 55 degree Celsius  |

## Sensor Specification

|                    |  |
|--------------------|--|
| No. of Inputs      | 1 Temperature Sensor                                   |
| Temperature Range  | -20 to +70 degrees Celsius<br>+/- 0.5 degrees accuracy |
| Notification types | SMS  |

## Electrical/Power Specification

|         |   |
|---------|---|
| Power   | 9 - 24 VDC  |
| Current | 100 mA idle, 450 mA max   |
| Network | GSM Quad-band<br>( 850/900/1800/1900 Mhz)<br>UMTS/HSPA Tri-Band<br>(900/1900/2100 MHz ) |