

TEMPERATURE MONITOR & LOGGER

PC & USB based Technology

Fits almost any PC with a USB port

TEMPERATURE@LERT monitors the ambient temperature and alerts you via email when it rises or falls outside your acceptable range. The temperature sensor is accurate to within $\pm 0.5^{\circ}\text{C}$ and can report temperatures from -40°C to 93.3°C (-40°F to $+200^{\circ}\text{F}$).

TEMPERATURE@LERT connects to your pc via an available any USB port and runs as a windows service. Powered by your computer's USB port, it never needs batteries or even an AC power adapter.

The customizable alert message can be sent continuously or just once when an alert is triggered. Real-time Graphing and XML support provide you with the tools you need to integrate temperature readings into websites and other third party applications.

Standard features include:

- Real-time** Temperature Alerts
- Pre-Calibrated Sensor
- Runs as a Windows Service
- No Batteries or AC Power Required
- Includes Free Software Upgrades for 1 Year
- Logs temperature readings to TEXT and XML log files
- XML files can be easily integrated into custom applications
- Real-time** temperature graph

Standard Version 3.0 Includes:

- USB Temperature Sensor
- Version 3.0 Standard software on CD-ROM
- Quick Start Guide

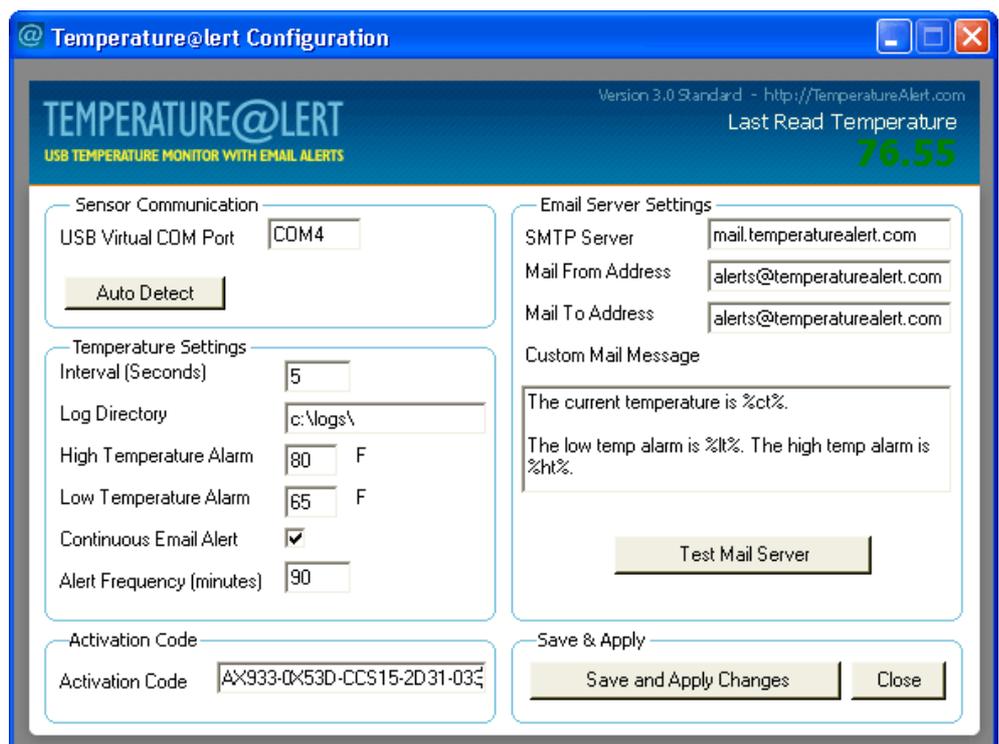
- 1 Year of Support & Software Updates
- 90-Day Warranty on Hardware
- 30-day money back guarantee



TEMPERATURE@LERT
is easy to configure

Just **"EDIT"** the fields
In Configuration Menu
(screen shot shown),

then click
"Save and Apply Changes"



TEMPERATURE@LERT
USB TEMPERATURE MONITOR WITH EMAIL ALERTS

Version 3.0 Standard - <http://TemperatureAlert.com>
Last Read Temperature **76.55**

Sensor Communication
USB Virtual COM Port: COM4
Auto Detect

Temperature Settings
Interval (Seconds): 5
Log Directory: c:\logs\
High Temperature Alarm: 80 F
Low Temperature Alarm: 65 F
Continuous Email Alert:
Alert Frequency (minutes): 90

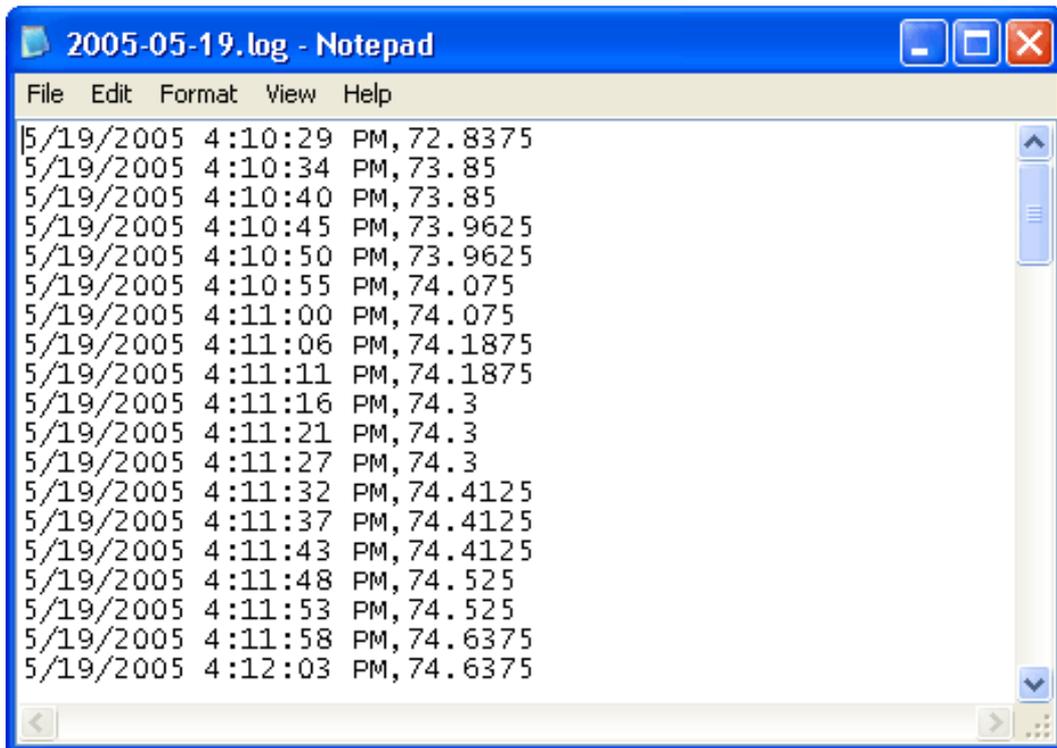
Email Server Settings
SMTP Server: mail.temperaturealert.com
Mail From Address: alerts@temperaturealert.com
Mail To Address: alerts@temperaturealert.com
Custom Mail Message:
The current temperature is %ct%.
The low temp alarm is %lt%. The high temp alarm is %ht%.
Test Mail Server

Activation Code
Activation Code: AX933-0X53D-CCS15-2D31-03E

Save & Apply
Save and Apply Changes Close

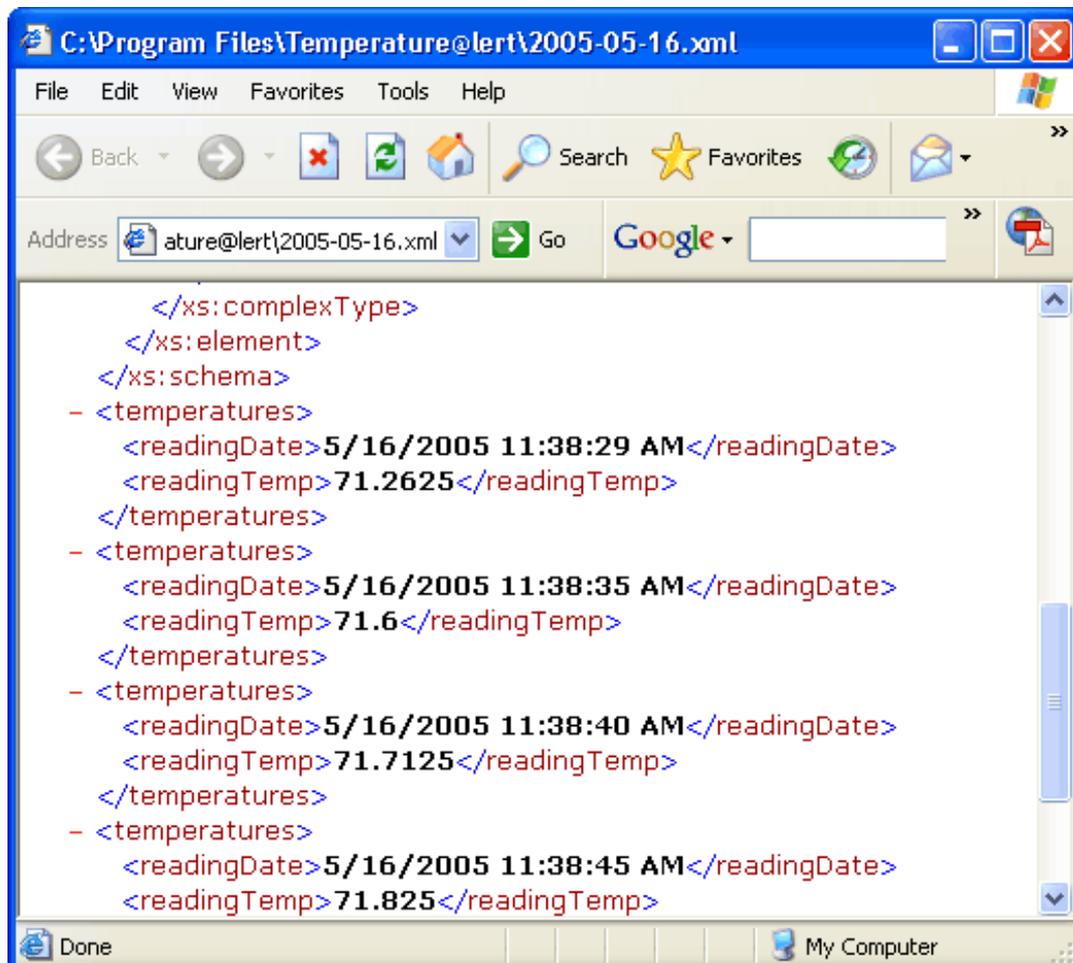
SCREEN SHOTS of available “Log Files”

A standard text file log is created allowing for easy report integration with Excel and other applications



```
2005-05-19.log - Notepad
File Edit Format View Help
5/19/2005 4:10:29 PM, 72.8375
5/19/2005 4:10:34 PM, 73.85
5/19/2005 4:10:40 PM, 73.85
5/19/2005 4:10:45 PM, 73.9625
5/19/2005 4:10:50 PM, 73.9625
5/19/2005 4:10:55 PM, 74.075
5/19/2005 4:11:00 PM, 74.075
5/19/2005 4:11:06 PM, 74.1875
5/19/2005 4:11:11 PM, 74.1875
5/19/2005 4:11:16 PM, 74.3
5/19/2005 4:11:21 PM, 74.3
5/19/2005 4:11:27 PM, 74.3
5/19/2005 4:11:32 PM, 74.4125
5/19/2005 4:11:37 PM, 74.4125
5/19/2005 4:11:43 PM, 74.4125
5/19/2005 4:11:48 PM, 74.525
5/19/2005 4:11:53 PM, 74.525
5/19/2005 4:11:58 PM, 74.6375
5/19/2005 4:12:03 PM, 74.6375
```

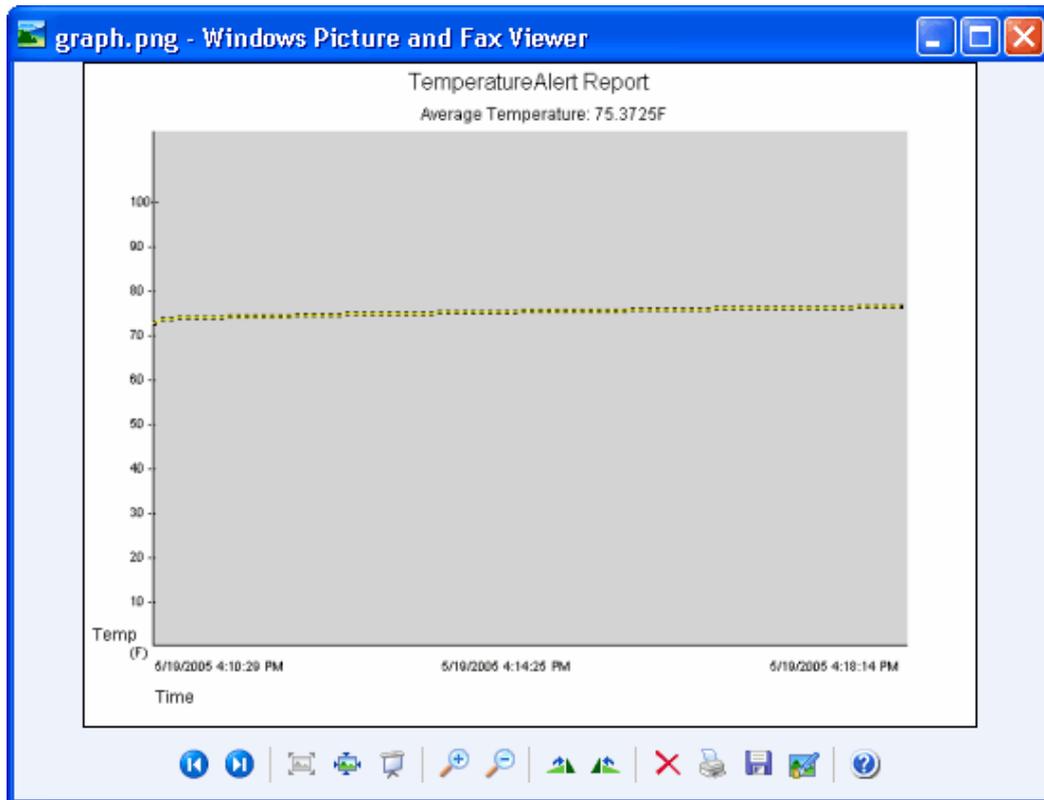
An XML Log is also created



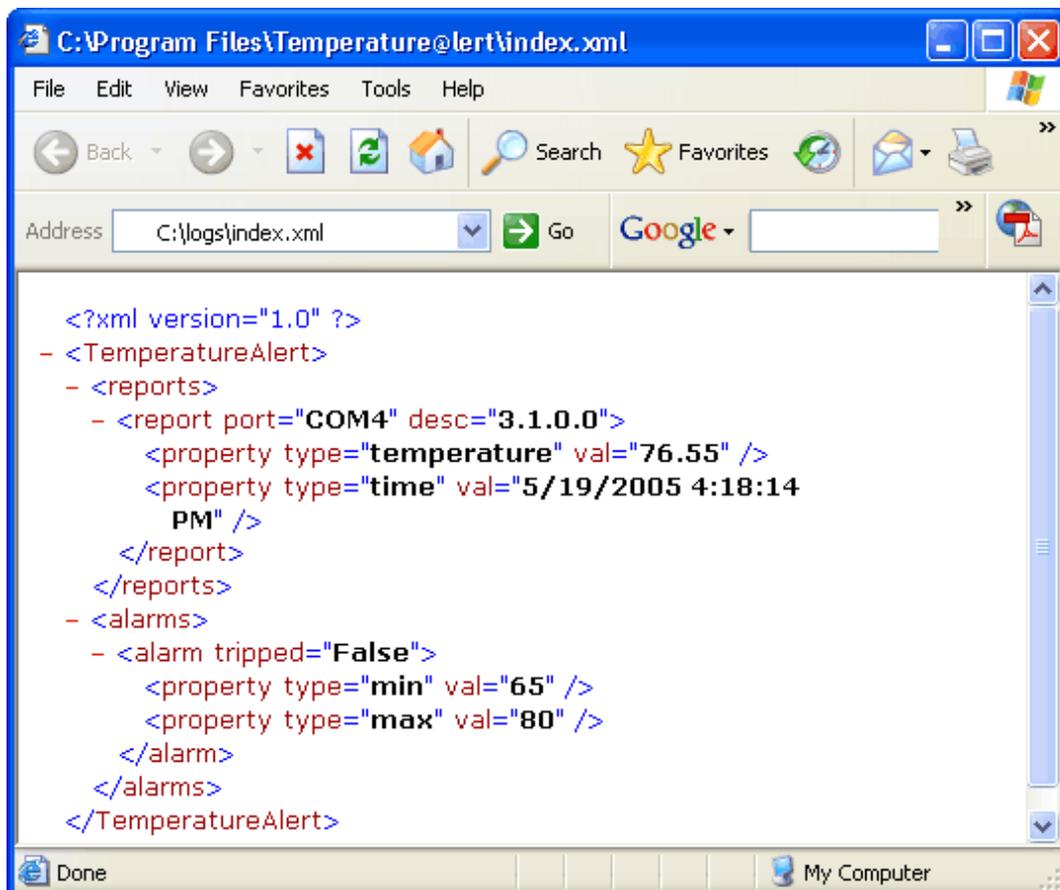
```
C:\Program Files\Temperature@lert\2005-05-16.xml
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites
Address: ature@lert\2005-05-16.xml Go Google
</xs:complexType>
</xs:element>
</xs:schema>
- <temperatures>
  <readingDate>5/16/2005 11:38:29 AM</readingDate>
  <readingTemp>71.2625</readingTemp>
</temperatures>
- <temperatures>
  <readingDate>5/16/2005 11:38:35 AM</readingDate>
  <readingTemp>71.6</readingTemp>
</temperatures>
- <temperatures>
  <readingDate>5/16/2005 11:38:40 AM</readingDate>
  <readingTemp>71.7125</readingTemp>
</temperatures>
- <temperatures>
  <readingDate>5/16/2005 11:38:45 AM</readingDate>
  <readingTemp>71.825</readingTemp>
Done My Computer
```

SCREEN SHOTS of available "VIEWS"

TEMPERATURE@LERT automatically generates a graph of the current day's temperatures and places it in the "log file" directory



An XML file containing only the last temperature reading is created and placed in the "log file" directory



The screenshot shows a web browser window with the address bar containing "C:\logs\index.xml". The main content area displays the following XML code:

```
<?xml version="1.0" ?>
- <TemperatureAlert>
  - <reports>
    - <report port="COM4" desc="3.1.0.0">
      <property type="temperature" val="76.55" />
      <property type="time" val="5/19/2005 4:18:14 PM" />
    </report>
  </reports>
  - <alarms>
    - <alarm tripped="False">
      <property type="min" val="65" />
      <property type="max" val="80" />
    </alarm>
  </alarms>
</TemperatureAlert>
```

The browser window includes a menu bar (File, Edit, View, Favorites, Tools, Help), a toolbar with navigation and search icons, and a taskbar at the bottom showing "Done" and "My Computer".