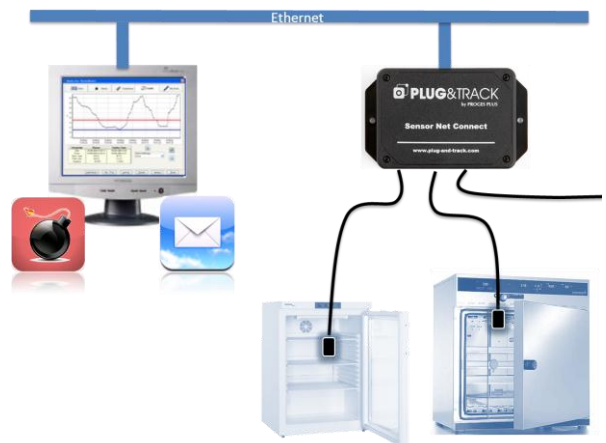# Thermoscan IP

PC based Temperature Monitoring System with Ethernet Probes
Control temperature in your cold rooms, laboratories, server rooms…
No extra cabling. Use your existing network!

Functions

☑ **Monitor real time temperature**
☑ **Save data automatically on your PC**
☑ **Send alarms by Email and Pop-up**
☑ **Display and print graphs and list of temperatures**

connection
Wi-Fi
or

Ethernet Probes

- Connect Probes directly on your Network using the Sensor Net Connect. **Wire** or **Wi-Fi** connection to the network.
- 3 probes can be plugged on each Sensor Net connect
- Unlimited number of Sensor Net Connect / Probes
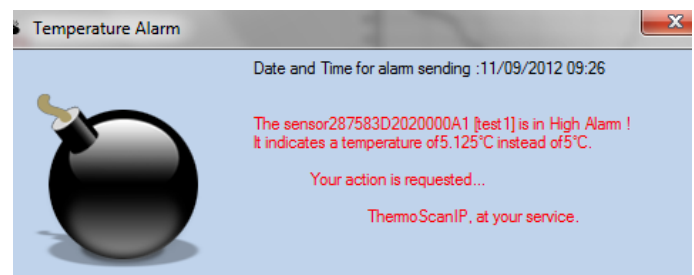- Easy installation in less than 15 minutes

3 Types of sensors

- Digital sensor -55 to +110°C ± 0.5°C
- PT100 sensor -200 to +250°C ± 0.5°C
- Humidity Sensor 0 to 100% RH

Temperature Alarm

Date and Time for alarm sending :11/09/2012 09:26

The sensor287583D2020000A1 [test 1] is in High Alarm !
It indicates a temperature of 5.125°C instead of 5°C.

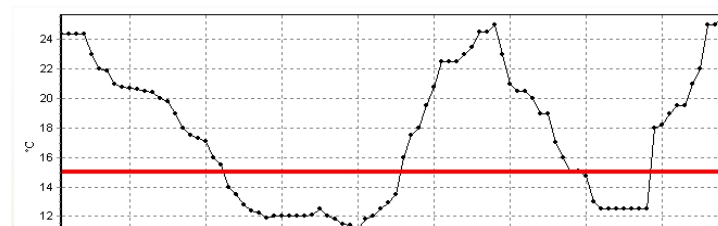Your action is requested...

ThermoScanIP, at your service.

Software Thermoscan IP

- Set up Sensor Net Connect and Probes
- Alarm thresholds with temporization
- Alarm mode (Pop-up, Email)
- Display and print graphs
- Temperatures history for several years
- Search data per period, without date limit
- Export to Excel, in PDF, send by email

Easy and quick installation. In 15 minutes only, your real time temperature monitoring system is in use

List of Values	List of Alarms	Graph	
DateTime		Value	
05/09/2012 15:04:19		5,81	
05/09/2012 15:03:18		5,75	
05/09/2012 15:02:16		5,75	
05/09/2012 15:01:15		5,75	
05/09/2012 15:00:14		5,69	
05/09/2012 14:59:13		5,69	
05/09/2012 14:58:12		5,63	
05/09/2012 14:57:10		5,69	
05/09/2012 14:56:09		5,63	
05/09/2012 14:55:08		5,69

Sensor Net Connect

A simple, cost effective and user friendly solution to control the temperature of your equipments in <u>real time</u> using your standard Ethernet network. No specific wiring required.

Sensor Net Connect is a smart hub that you connect directly on your Ethernet Network and on which you can plug up to **3 temperature or humidity sensors.**

The Sensor Net Connect transfers data registered by the sensors at the desired frequency. Data are sent directly to Thermoscan IP. The system informs you whenever a temperature threshold is exceeded. Thermscan IP offers you efficiency and simplicity.

Sensor Net Connect features
- Embedded web server
- Works with fixed IP addresses or DHCP
- Can connect up to 3 sensors
- Connects to the network via Ethernet Cable or Wi-Fi (802.11b WEP or WPA)
- 9V powered
- ABS casing Dimension 14 x 8.4 x 3.5 mm

Digital Sensor
- High accuracy digital sensors -55/+110°C
- Accuracy ±0.5°C
- Resolution 0.1°C
- Cable length : 2 meters

Temperature and Humidity Sensor
- High accuracy relative Humidity 0/100% -40/+85°C
- Accuracy 10/90% ±3% / ±0,2°C at 25°C
- Resolution 0.4% /0.1°C
- Cable length : 2 meters
- Dimensions 80x80x21 mm

PT 100 Sensor for low and high temperatures
- PT100 -200/+250°C
- Accuracy ±0.3°C at 0°C (Class B)
- Resolution 0.1°C
- Cable length : 2 meters
- Diameter 6 mm, length 40 mm 316L. Teflon wire
- Connection to the Sensor Net connect through PT100 interface

PT100 to Sensor Net Connect Interface
- Connects any PT 100 sensor (3 or 4 wires) to the Sensor Net connect
- Converts analog values to digital values
- Electrically powered by the Sensor Net Connect

Extension cables available (10 meters, 25 meters)