HWg Case Studies IT Solutions

HWg-CS11: E-mail alert to high temperature (overheating)

IP Thermometer enables web-based, remote temperature monitoring over IP networks. System overheating or excessive temperature alerts are sent by e-mail. Supplied with software for downloading data over IP, displaying graphs and exporting data to MS Excel.

- Web configuration interface
- Free Windows software for displaying graphs and exporting to MS Excel (HWg-PDMS)

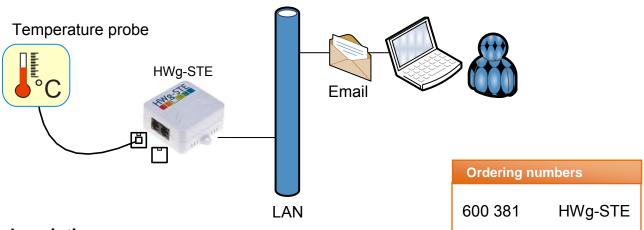


Applications

- E-mail alerts when air conditioning overheats
- Monitoring the temperature at critical air flow points
- Alerts to overheating (server, disk array)
- Alerts to rising temperature in a room

Advantages

- Quick and easy installation
- · Timely e-mail alerts to rising temperature
- Connects to SNMP monitoring systems
- Free software for Windows HWg-PDMS collects temperature data and periodically exports it to MS Excel



Technical description

- The HWg-STE IP Thermometer connects to an Ethernet 10/100 Mbps network.
- Control and configuration (IP, sensor name, unit of temperature, e-mail recipient) is performed over a web GUI.
- A second probe (temperature or humidity) can be connected.
- RJ11 temperature and humidity sensors for the Poseidon family are supported. Available sensors include indoor, outdoor, waterproof, 19" rack mountable and wall mountable versions.
- E-mail is sent when a safe temperature is exceeded, as well as when the temperature returns to the safe range.
- Using SNMP at port 161, the IP Thermometer can be connected to a monitoring system, such as: HP OpenView, Nagios, Zabbix, The Dude, Intellipool NM and more.
- MIB table is available for download from the product GUI.

Note: Place the temperature probe of IP Thermometer to the point where the temperature rises the fastest (heatsink, fan outlet of a server). This will give you the most time to react to cooling problems.