Application overview

Web Thermometer

Measure and store temperature and relative humidity and display in the browser.

Step 1: Startup

W&T devices quickly integrated into the network using WuTility.

Step 2: You're off and running

Read temperature directly in the browser

Temperature and humidity values can be displayed directly in the Web browser

Display temperature curve in the browser

Use the ability to view the measured values directly in the Web browser in graphic form

Data logger in the browser

Query contents of the data logger by a mouse click in the Web browser

W&T Cloud Service

In addition to local saving in the internal logger, the Web-Thermometer also supports saving in the cloud:

- to topic page
- to cloud service

Visualize live values using Java applet

By using the integrated Java applet and the sample page pre-installed in the unit, measured values can be displayed and automatically refreshed up-to-the-minute.

Step 3: Integration into your system

Switching digital outputs when limits are exceeded

Turn on an indicator lamp when a limit is exceeded by 25°C. If the temperature is back to the valid range, turn the indicator off again.

Keep an eye on temperatures with email notifications

Send a notification when limits are violated or timer-based via email, directly to the responsible technician.

Incorporate temperature values via OPC server

Use the W&T OPC server to collect temperature data from the device and forward them to your client application.

Evaluate measured values using SNMP managers

Use polling to integrate the measured values into your SNMP manager or have alarm/info traps sent.

Write temperature and humidity values to a database

Use the W&T "Sensobase®" tool to save measured values directly to a database.

Create graphics using RRDtool

Automatic creation of graphics on Unix/Linux based systems.

Send limit violation notifications via TCP client

Receive alarm messages from the sensor using your own TCP server applications.

Reduced data load in the network by using UDP polling

Poll measured values with just one UDP packet, thereby keeping the data load in the network low.

Manage alarm and system info messages via Syslog

Evaluate measured values using the Syslog daemon.

Temperature and relative humidity values in the "abaNSM" monitoring system

A complete overview every instant using abaNSM and the W&T Web-Thermo-Hygrobarograph

Send measured value to an FTP server and archive them

Automatically write measured values to a file on the existing FTP server.

Print display

To print the graphical display of Web Graphs firmware version 1.50/1.39 and higher the Web browser needs special settings for print behavior.

Questions about the Web Thermometer
Mr. Lüppken will be glad to assist.

Exchange the device-internal HTML pages with your own

Create your own presentations using HTML uploads.

Temperatures in your own application

The "Thermoguard" complete system - Centralized temperature monitoring in the pharmaceutical industry.

Mercury thermometer

Visualize temperatures as a mercury thermometer on a Web page using the Java applet.

Retrieve and display multiple measurements using PHP

Acquire measurements from multiple devices and display them on a single Web page using PHP

Display measurements in Nagios

Acquire measurements from devices and monitor them in Nagios.

Display measurements and states of Web-IOs in Google Maps

Use PHP and JavaScript to incorporate measurements into Google Maps.

Publish Web-IO's in the Internet via DSL

Dynamic IP addresses, NAT and other things you need to know.

Wireless link to temperature sensors

Monitoring temperature values using the Web Thermometer over a wireless LAN

iPhone-optimized Web pages for Web-IO applications

Display measurement values on the iPhone.

Displaying climate data in camera images

with Web-Thermographs and Mobotix camera.

Web Thermometer sends push notifications via ntfy.sh

Manual: Limit violations sent to cell phone

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