

# HWg-STE Ethernet thermometer

HWg-STE is a web thermometer with built-in web interface and SNMP support. It sends e-mail alerts if the temperature exceeds a specified limit.

- Windows software, AC power adapter and temperature sensor included
- Simple installation, supports DHCP

## Applications

### Air-conditioning failure

Changes in temperature point to a failure of an A/C unit.

### Heating system monitoring

Remote monitoring of a heating system, alert by e-mail or SMS (Email-2-SMS) to a danger of freezing.

### Cooler/fridge monitoring

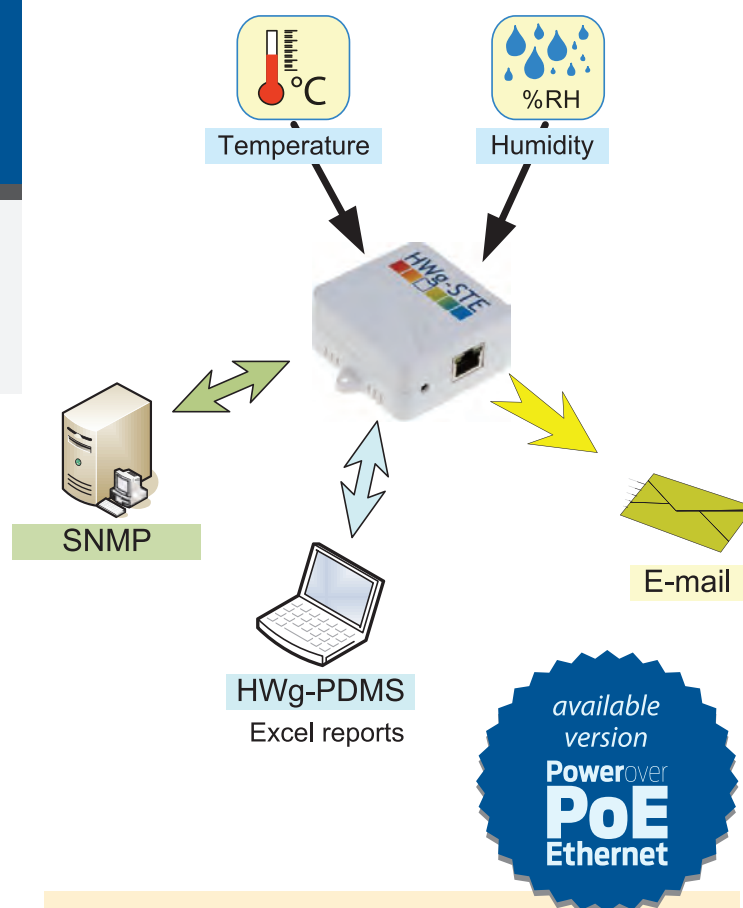
Web thermometer sends an e-mail if the cooler fails. Logs operating and storage conditions.

### Heating optimization

IP thermometer saves heating and air-conditioning costs.

### Food storage

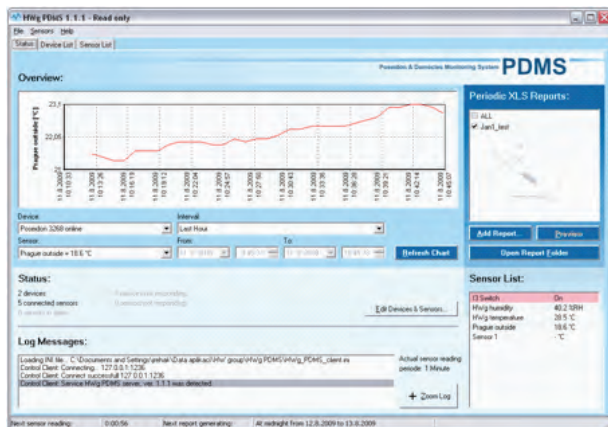
Oversees optimal storage conditions. With application software, HACCP reports can be created.



- ✓ Temperature
- ✓ Humidity
- ✓ Web server
- ✓ Email alarm
- ✓ Password protection
- ✓ SNMP
- ✓ Simple installation
- ✓ PoE version available

## Basic features

- No SW necessary, built-in web server
- Simple installation, supports DHCP
- SNMP support (SNMP MIB included)
- 0.1°C resolution, display in °C / °K or °F
- Sends e-mail if the temperature is too high / too low
- Security protected with a password
- Temperature range of included probe: -10°C to +80°C (+14°F to +176°F),  
Outdoor probe: -30°C to +125°C (-22°F to +257°F)
- In addition to the included temperature probe, a second temperature or humidity probe can be connected.
- Free windows software HWg-PDMS for datalogging provides a graphical overview and MS Excel data export.



## HWg-STE

<b>Probes</b>	<b>max 2</b>
Temperature	✓
Humidity	✓
<b>SNMP</b>	✓
<b>Alarm alerts by e-mail</b>	✓

## Parameters

<b>Ethernet</b>	100 Mbit
<b>IP protocols</b>	ARP, TCP/IP (HTTP,SMTP) UDP/IP (SNMP)
<b>DHCP for IP assignment:</b>	✓
<b>SNMP</b>	Port 161 Ver 1.0 / 2.0 (in part)
<b>M2M protocol</b>	SNMP, XML (over http)
<b>Accuracy</b>	±0,5 °C (-10°C to +85°C) ± 2 °C (-30°C to +120°C)
<b>Power</b>	5V / 1W
<b>Device operating temperature</b>	-10°C to 60°C

## Optional accessories



Temp-1Wire-Outdoor 3m



HTemp-1W Box2



Humid-1Wire 3m



HTemp-Rack19

<b>HWg-STE</b>	Web thermometer package, includes a single temperature sensor, power adapter and CD
<b>HWg-STE PoE</b>	PoE thermometer package (IEEE 802.3af), includes a single temperature sensor, power adapter and CD
<b>Temp-1Wire 1m / 3m / 10m</b>	Temperature probe with 1m / 3m / 10m cable
<b>Temp-1Wire-Outdoor 3m</b>	Stainless-steel outdoor temperature sensor (-30°C to 120°C), 3m cable
<b>Temp-1Wire-Flat 3m</b>	Stainless-steel temperature sensor for freezers (-30°C to 60°C), 3m flat cable
<b>Humid-1Wire 1m / 3m / 10m</b>	Humidity probe with 1m / 3m / 10m cable
<b>Temp-Rack19</b>	Temperature sensor, 1U device to a RACK, daisy-chainable, 3m cable
<b>HTemp-Rack19</b>	Temperature and humidity sensor, installs as a 1U device to a RACK.
<b>HTemp-1W Box2</b>	Temperature and humidity sensor, wall mount, daisy-chainable, 3m cable included