

# HWg-STE Ethernet thermometer

*IP thermometer, web interface, SNMP, E-mail alerts*

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

Free windows software HWg-PDMS for graphical overview and MS Excel export included.

- Windows software, AC power adapter and temperature sensor included
- Simple installation, supports DHCP
- E-mail alarms can be forwarded to SMS

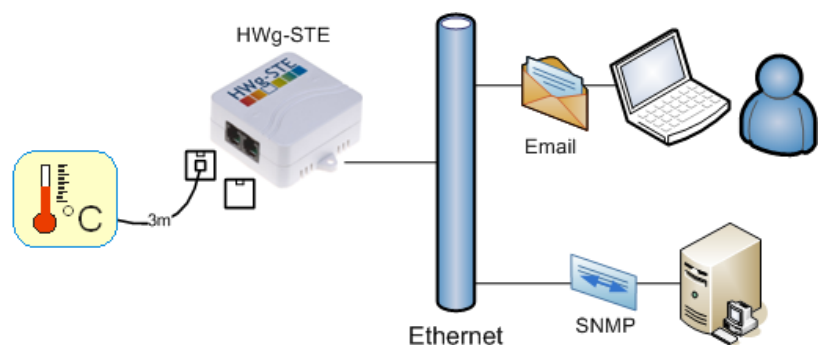


## Optional accessories:

- Humidity sensor (HWg-STE support two probes in total)
- Temperature and humidity sensor for installation in a 19" rack
- Waterproof, stainless-steel temperature sensor for up to +125°C (+257°F)

## Applications

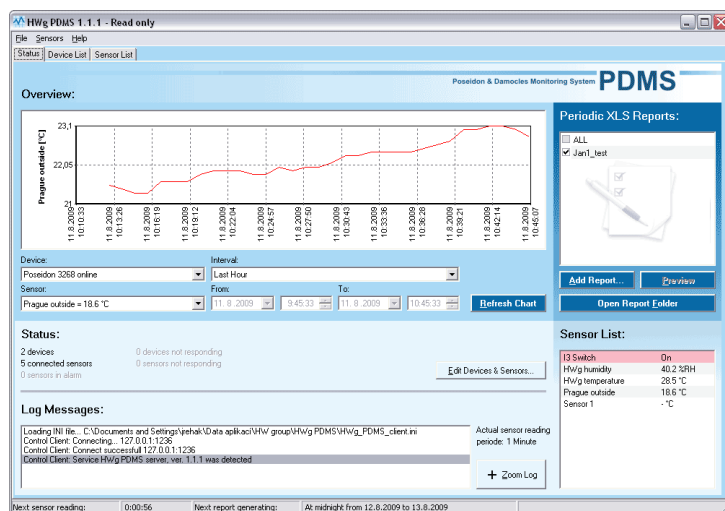
- **Air-conditioning failure**  
Changes in temperature point to a failure of an A/C unit.
- **Heating system monitoring**  
Remote monitoring of a heating system, alert by e-mail or SMS (Email-2-SMS) to a danger of freezing.
- **Cooler/freezer monitoring**  
Web thermometer sends an e-mail if the cooler 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
- ✓ E-mail alarm
- ✓ Password protection
- ✓ SNMP
- ✓ Simple installation

## 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)
- Besides the included temperature probe, a second temperature or humidity probe can be connected.
- Free Windows software **HWg-PDMS** included. Graph data overview and MS Excel export.



HWg-STE	
• <b>Probes</b>	<b>2</b>
▪ Temperature	Yes
▪ Humidity	Yes
• <b>SNMP:</b>	Yes
• <b>Alarm alerts by e-mail:</b>	Yes

Parameters	
• <b>Ethernet:</b>	100 Mbit
• <b>IP protocols:</b>	ARP, TCP/IP (HTTP, NTP, SMTP), UDP/IP (SNMP)
▪ <b>DHCP</b>	for IP assignment
▪ <b>SNMP</b>	Port 161 Ver 1.0 / 2.0 (in part)
▪ <b>M2M protocol:</b>	XML(http),SNMP
• <b>Accuracy:</b>	±0.5°C (-10°C to +85°C) ± 2°C (-55°C to +125°C)
• <b>Power:</b>	5V / 1W
• <b>Operating temperature:</b>	-10°C to 60°C

## Optional accessories



Temp-1Wire-Outdoor 3m  
600 311



HTemp-1W Box2  
600 344



Humid-1Wire 3m  
600 279



HTemp-Rack19  
600 330

<b>HWg-STE</b>	Web thermometer package, includes temp 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>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, daisy-chainable, supplied with a 3m cable
<b>HTemp-1W Box2</b>	Temperature and humidity sensor, wall mount, daisy-chainable, 3m cable included

# Typical scheme

