HW group

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.

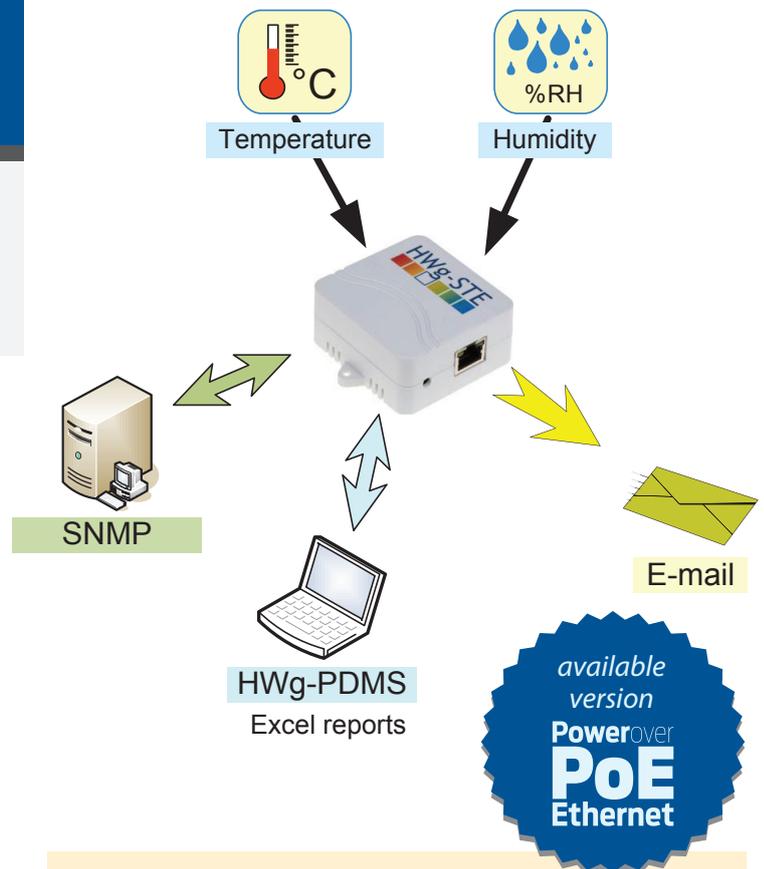### Cooler/fridge monitoring
Web thermometer sends an e-mail if the cooler fails. Logs operating and storage conditions.

Heating optimization
IP thermometer saves heating and air-conditioning costs.
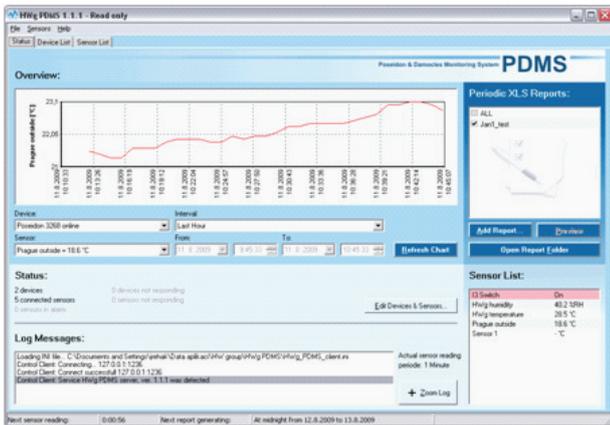
Food storage
Oversees optimal storage conditions. With application software, HACCP reports can be created.

°C Temperature

%RH Humidity

SNMP

HWg-PDMS
Excel reports

E-mail

available version
Powerover
PoE
Ethernet

- ✔ 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

Probes	max 2
Temperature	✔
Humidity	✔
SNMP	✔
Alarm alerts by e-mail	✔

Parameters

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

Optional accessories

Temp-1Wire-Outdoor 3m	HTemp-1W Box2	Humid-1Wire 3m	HTemp-Rack19

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