HW group

STE2

WiFi / Ethernet thermometer with DI inputs

Temperature

Humidity

Digital inputs

E-mail alert

SNMP

TLS

PoE

Web Server

HWg Push

STE2 is a device that supports SNMP, designed for temperature and humidity measurements from external sensors and the ability to connect to the Internet via standard cable or Wi-Fi. When the permitted range of values is exceeded the device allows alarm messages to be sent by e-mail (TLS), the SensDesk portal (HWg Push). The package includes a power adapter and temperature sensor.

Air-conditioning failure

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

HVAC supervision

Remote control of HVAC, email alert, or SMS (e-mail-2-SMS/HWg-SMS-GW3).

Heating optimisation

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

HWg-PDMS

The HWg-PDMS software makes it easy to create reports with temperature graphs in one or more locations. You have control over your enviromental conditions.
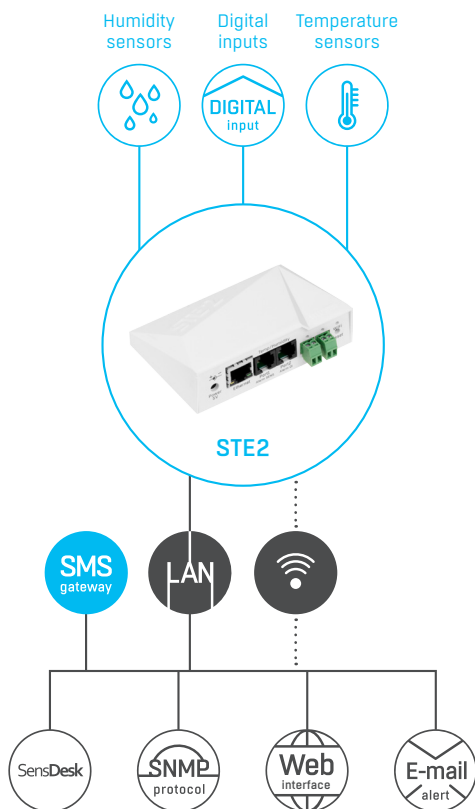
Monitoring of refrigerator or freezer

Sends e-mail if the refrigerator fails. Logs operating and storage conditions.

Food storage

Oversees optimal storage conditions. Using application software, you can create HACCP protocols.

Key features:

- Includes standard Ethernet and Wi-Fi - 802.11 b/g/n (2.4GHz)
- Supports simultaneous operation of Ethernet and Wi-Fi (for easy configuration)
- 5V power supply or PoE
- Simple installation, supports DHCP
- Built-in WEB server - no need for software other than a standard Web browser
- NMS connectivity (SNMP MIB)
- Sends e-mail at too high / low temperature
- Support for TLS authentication (Gmail)
- Security password protected
- Supplied with Windows software HWg-PDMS for graphing and data export to MS Excel

Conectivity	
Ethernet	RJ45 (100BASE-T), supports PoE (IEEE 802.3af)
WiFi	Internal antenna, 2.4GHz, 802.11 b/g/n
WEB	Built-in web server
SNMP	Version 1 fully supported, some parts of version 2

External sensors	
Sensors	2× RJ11 (Max. 3 temperature or humidity sensors)
DI input	2× input for potential-free contact

Communication	
M2M protocols	SNMP, XML, HWg-Push
Alarms	Email, HWg-Push, SMS (with assistance of Hwg-SMS-GW3)

Supported software	
HWg-Trigger	Redirection of alarms to SMS, Pop-up, shutdown PC
HWg-PDMS	Logging, graphs, export to MS Excel
Other software	3rd side software, HWg-SDK

Parameters	
Power supply	5 V / barrel jack (inner Ø 1,35 mm, outer Ø 3,5 mm)
Temperature range	Operating: -10 °C – 60 °C / 0 %RH – 95 %RH Storage: -30 °C – 60 °C / 0 %RH – 95 %RH
Dimensions	65×80×30 mm
Weight	500 g

Humidity sensors   Digital inputs   Temperature sensors

DIGITAL input

STE2

SMS gateway   LAN   (wifi)

SensDesk   SNMP protocol   Web interface   E-mail alert

STE2

Base Information

Device Name	STE2
Time	20:24:45
Date	13.03.2016

Sensors & Digital Inputs

STATE	NAME	TYPE	CURRENT VALUE
Normal	Temperature	Temp.	25.0 °C
Normal	Humidity	Humidity	50.1 %RH
Normal	Input 1	Input Dry Contact	0 (Open)
Normal	Input 2	Input Dry Contact	0 (Open)

Package contents: