

STE2 R2

WiFi / Ethernet thermometer with DI inputs



STE2 R2 is a device that supports HTTPS and 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.

The package includes a power adapter and temperature sensor. STE2 rev. 2 is fully compatible with previous version.

You can connect:

Up to 5 sensors

- Temperature (Pt1000)
- Humidity
- Carbon dioxide
- Water leak detection
- Atmospheric pressure
- Current (4-20 mA)
- Voltage

2 DI inputs

- Power presence
- Smoke detection
- Door contact

SensDesk

- Central sensors overview
- SMS & Call alerts
- Graphs & PDF reports

Heating optimisation

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

Air-conditioning failure alert

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

Monitoring of refrigerator or freezer

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

Big variation of sensors

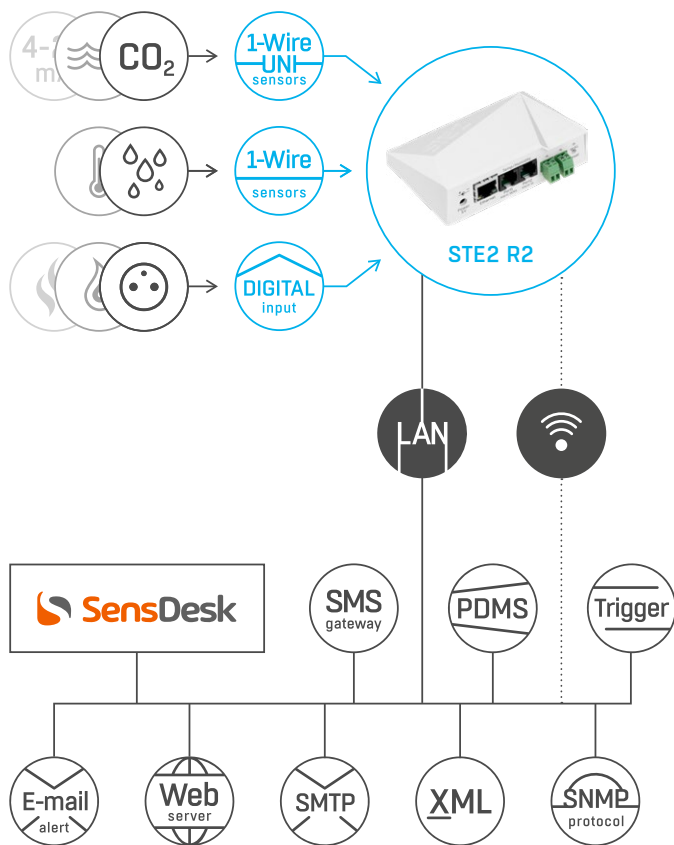
You can connect all RJ12 (1Wire & 1Wire-UNI) sensors from HW group portfolio since revision 2 of the STE products.

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 environmental conditions.

Key features:

- Up to 5 sensors of any RJ12 type
- Can send you SMS or call you to your mobile via SMS-GW device or SensDesk.com service
- Includes standard Ethernet and Wi-Fi - 802.11 b/g/n (2.4GHz)
- 5V power supply or PoE
- Simple installation, supports DHCP
- Built-in WEB server with HTTPS support
- NMS connectivity (SNMP MIB)
- Sends e-mail at too high / low temperature
- Support for TLS authentication (Gmail)
- Supplied with Windows software HWg-PDMS for graphing and data export to MS Excel



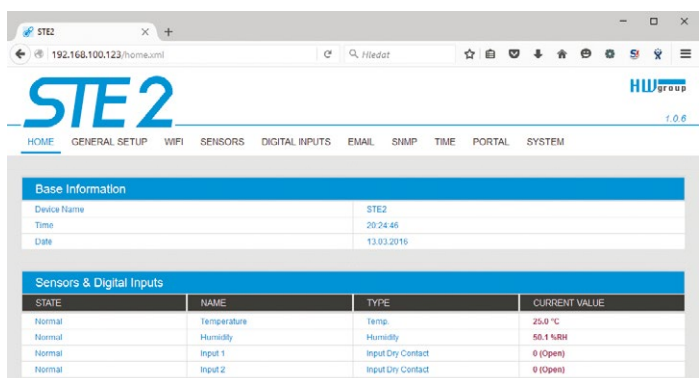
Connectivity	
Ethernet	RJ45 (100BASE-T), supports PoE (IEEE 802.3af)
WiFi	Internal antenna, 2.4GHz, 802.11 b/g/n
WEB	Built-in WEB server with HTTPS support
SNMP	Version 1 fully supported, some parts of version 2

External sensors	
Sensors	2x RJ11 – max. 5 sensor values (1Wire & 1Wire-UNI)
DI input	2x input for potential-free contact

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

Supported software	
SensDesk	Online remote monitoring, an overview of devices and sensors
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	5V / barrel jack (inner \varnothing 1,35mm, outer \varnothing 3,5mm)
Temperature range	Operating: -10°C – 60°C / 0%RH – 95%RH Storage: -30°C – 60°C / 0%RH – 95%RH
Dimensions	65x80x30 mm
Weight	500g



Package contents:

