

STE2 r2

STE2 r2 is a WiFi/LAN
SNMP thermometer with
RJ11 external sensors
and 2×DI inputs.

Temperature sensor included.
Sends alert messages in
case of an alarm (email,
SMS, voice calls).



You can connect:

Up to 5 sensors values



Temperature
(Pt1000)



Relative
Humidity



Flood
Spot
detector



Carbon
dioxide



Atmospheric
pressure



Voltage
sensor



Current



Light
measurement

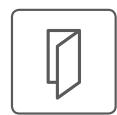
2× DI (Digital Inputs)



Smoke
detector



Power
presence



Door
contact

STE2 r2 is a product for remote measurement of temperature and other external sensor values. Two RJ11 ports (1W-UNI) can be used for external sensors (up to 5 sensor values in total). Two DI (Digital Inputs) monitor On/Off state of external dry contact based detectors (smoke / door contact detectors).

Power adapter and external temperature sensor (3 m) are included in the package. The device supports web interface, Open API (SNMP, XML), sending alerts by email (SMTP) or SMS (ext. SMS GW).

As additional feature the STE2 r2 can be connected to any SensDesk Technology based portal to be monitored and managed. Portal centralizes device management, graphs, alerts by email, SMS or voice calls. PDF reports are also available.

Portal based services



SensDesk Technology

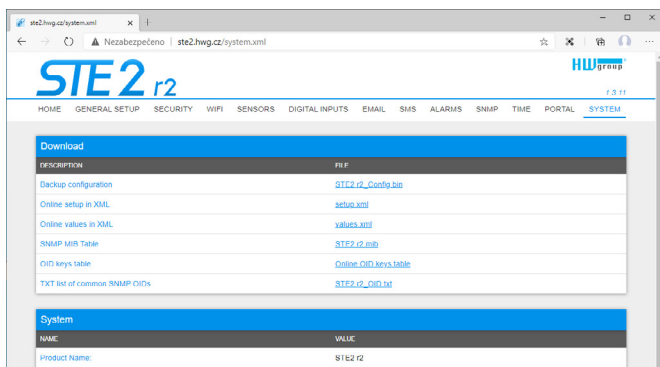
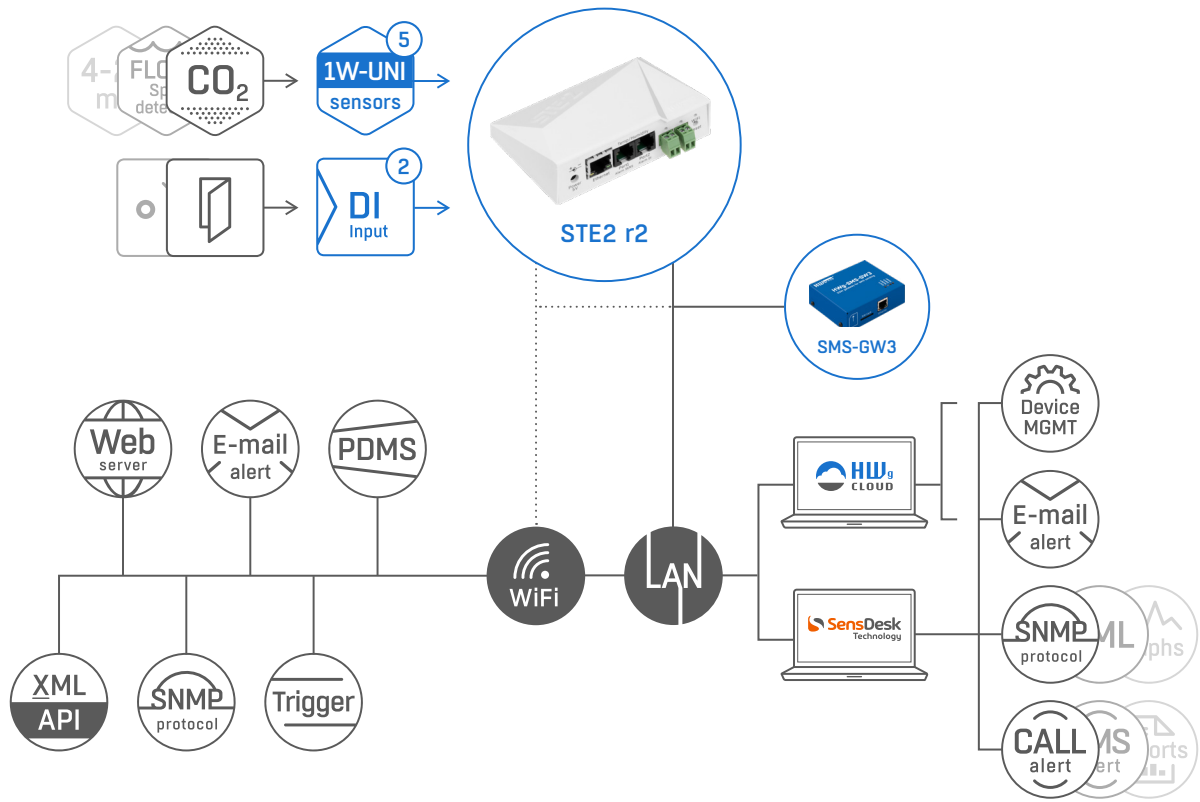
Portal service (SaaS / hosted version)
for remote monitoring

- **HWg-cloud.com** – limited free service
- **SensDesk.com** – paid service
- Portals from **3rd party** portal providers



Typical applications

- Remote air conditioning control
- Remote monitoring of refrigerator or freezer
- Storage conditions monitoring, HACCP logs
- Remote environment monitoring
- Alerting for temperature, humidity, electric current, CO₂ limits



Technical specifications	
External power	5V Jack Ø3.5×1.35 mm, PoE RJ-45
Temperature range	Operating: -10 °C – 60 °C / 0 % RH – 95 % RH Storage: -30 °C – 60 °C / 0 % RH – 95 % RH
Dimensions / weight	98 × 68 × 33 (W × H × D) / 91 g
Connectivity	LAN, Wi-Fi

External Sensors and Detectors	
Sensor ports	2× RJ11 (2 ports, 5 sensor values in total)
Compatible sensors	1-Wire/1W-UNI sensors from HW group only
Digital Inputs	2× Dry contact input
You can monitor	Temperature, Relative Humidity, Voltage, AC / DC Current, Flood detection, CO ₂ , VoC, Light intensity & many more...

Communication	
M2M Open API	SNMP v1/v2, XML over HTTP, HWg-Push
Alarms	Email, HWg-Push, SMS (with assistance of SMS-GW3 LTE)

Software / Services	
SensDesk Technology portal	Online remote monitoring service. Graphs, alerts, device management
HWg-Trigger	Redirection of alarms to SMS, Pop-up, shutdown PC
HWg-PDMS	Logging, graphs, export to MS Excel
Mobile App	HWg monitor, SensDesk Mobile
Other software	3 rd party software, HWg-SDK



Flood detector 1W-UNI

Simple sensor of flooding or water level for water detection among 4 points on detector body (1D water detection). The sensor can be placed on a wall or floor with dielectric surface.



SMS-GW3 LTE

Central text message (SMS) gateway that HWg devices and applications in the same network can use to dial numbers or send SMS alerts.



Temp 1Wire Pt1000

High precision temperature sensor -50 °C to +200 °C – ideal temperature sensor for storages, food processing, freezers, medical and laboratory environments, agriculture and industrial applications.



Temp-1Wire-Flat

Temperature probe -30 °C to +60 °C for use in pharmaceutical or food industry (refrigerators). A flat connection cable can be routed under the door seal.