

STE2 r2

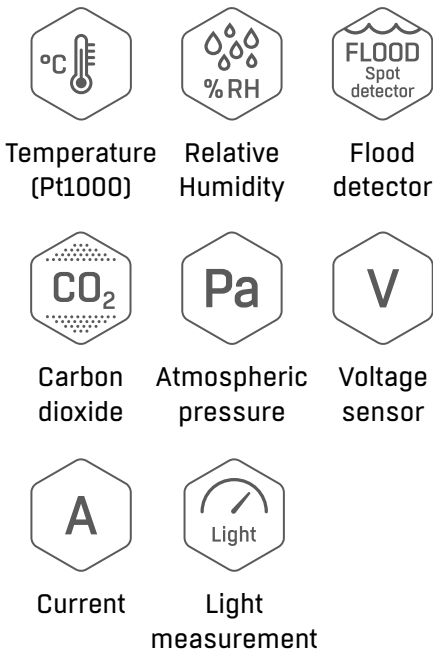
STE2 r2 is a WiFi/LAN
SNMP thermometer with
RJ11 external sensors
and 2×DI inputs.

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



You can connect:

Up to 5 sensors values



STE2 r2 is a product for remote measurement of temperature and other 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



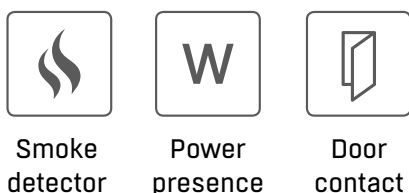
SensDesk Technology

Portal service (SaaS/ hosted version)
for remote monitoring

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

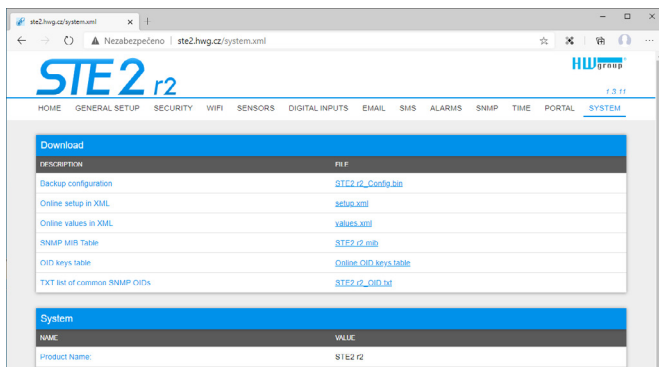
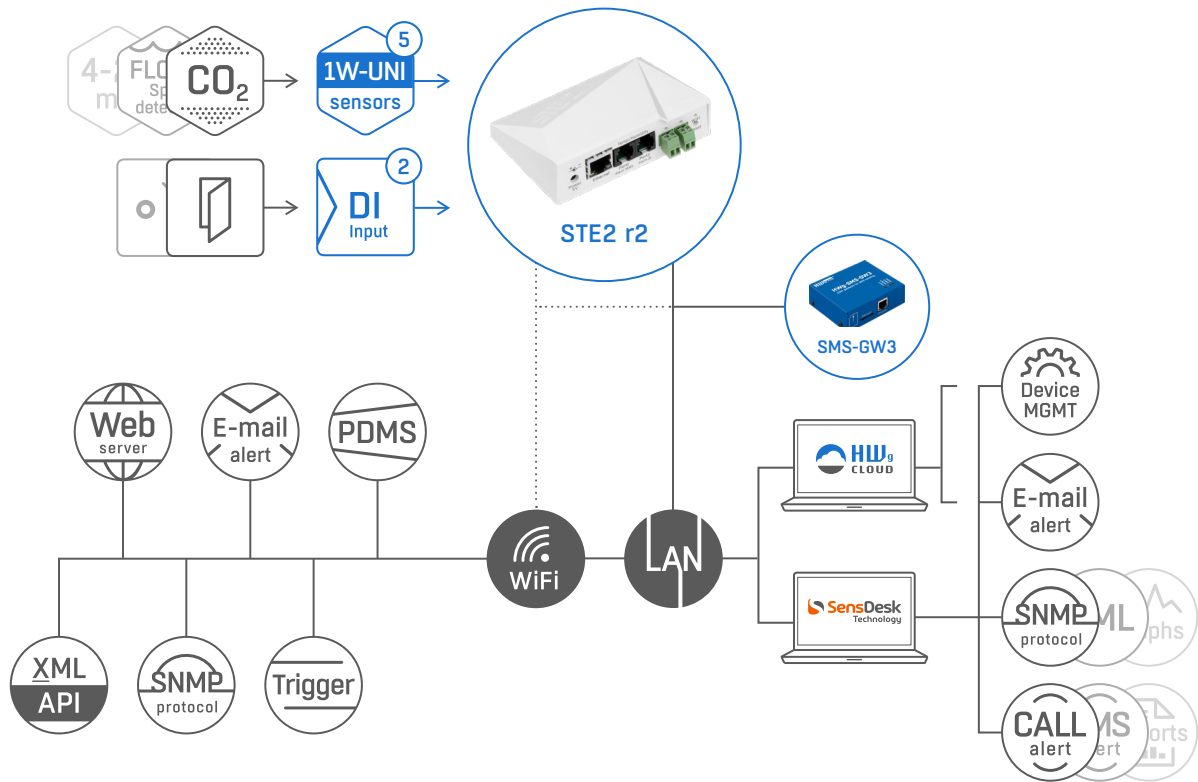


2× DI (Digital Inputs)



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 & Voice calls (with assistance of SMS-GW3 LTE)

Software / Services	
SensDesk Technology portal	Online remote monitoring service. Graphs, alerts, device management
HWg-cloud.com	Free of charge portal service
HWg-PDMS (Windows)	Logging, graphs, export to MS Excel
Mobile App	HWg monitor, SensDesk Mobile
Other software	3 rd party software, HWg-SDK

Related products



Flood detector 1W-UNI
Water spot detector (water flood) with RJ11 1W-UNI sensor interface. It may be submerged below the fluid 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 Pt100
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.