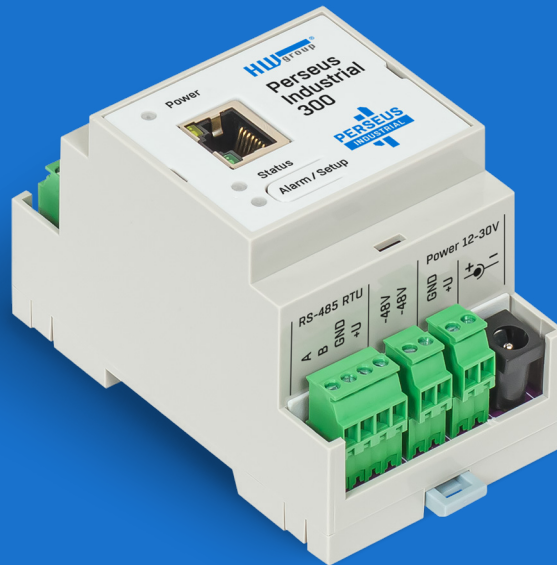


Perseus Industrial 300

A scalable DIN rail LAN monitoring and control unit for industrial, infrastructure and environmental applications.



Support for
3rd party sensors



Remote configuration
with SensDesk
Technology



Meters API – ability
to work with other
HWg devices



Variables can have
multiple conditions
and actions



802.1X central
security management



Templates repository
for 3rd party sensors



BACnet protocol
integration

It connects digital Inputs/Outputs and HW group RTU sensors or 3rd party meters via LAN or Modbus/RTU. With wide alerting options, open APIs and Portal support, it is ideal for professional remote monitoring and site automation.

Expandable architecture of Perseus 300 based on RTU and DIN rail expanders allows connection of multiple Inputs/Outputs in various combinations.

Perseus Industrial 300 combines data from external physical sensors / detectors / meters with data from other HWg devices connected via LAN. Local conditions, Lua scripting, calendar or periodic scheduler help to analyze the measured data.

The Perseus platform supports wide alerting options (Email, SNMP Trap), Open API (BACnet, Modbus/TCP, MQTT).

This device can be connected to the Portal (SensDesk Technology). Together with the Portal it is a powerful solution for professional applications.

Meters API allows Perseus Industrial 300 to collect values from other HWg devices (e.g. STE2 R2) over LAN and use them for local conditions, alerts, scripts or Portal visualization. This makes Perseus not only a sensor device, but also a local data concentrator for distributed monitoring systems.

External sensors can be connected to RTU (RS-485) terminal block.

RTU-Expanders



**RTU-Expander
1004**
+10× DI
+4× DO



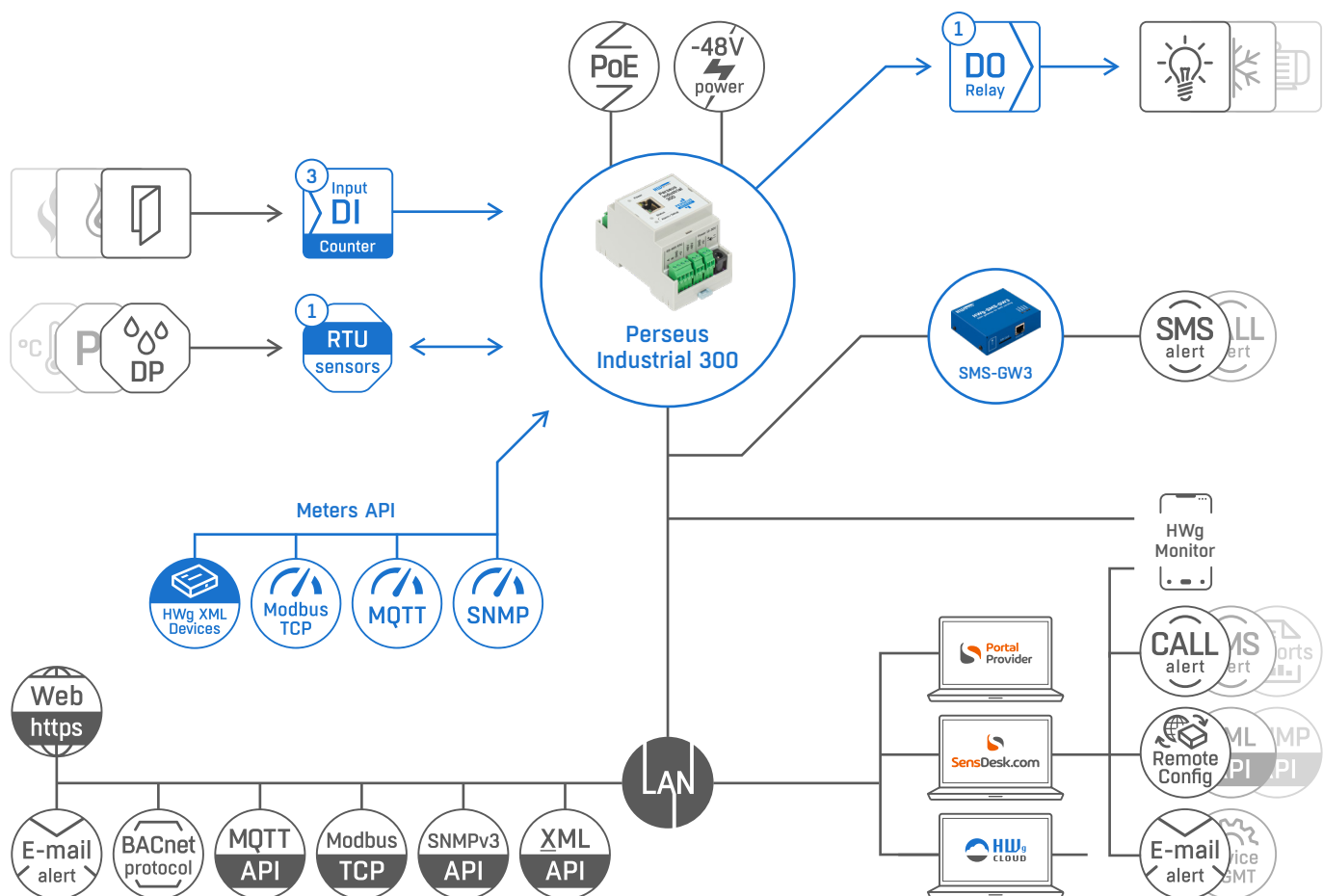
**RTU-Expander
2004**
+20× DI
+4× DO



**RTU-Expander
3004**
+30× DI
+4× DO



**RTU-Expander
0002 230V**
+2× DO (230 V)



Typical applications

- Technical room and infrastructure monitoring
- Warehouse, pharmaceutical and storage environment monitoring
- Remote machine and site monitoring
- Telco cabinet / BTS monitoring
- Greenhouse and agricultural monitoring
- Boiler room equipment monitoring

Features

Alerts	SNMP trap, email, SMS/calls
Open API	SNMP, XML, Modbus/TCP, MQTT
Professional product	IPv6, SNMP traps, SNMPv3
Security	Radius - IEEE 802.1X, Admin and user accounts, HTTPs (customer certificate)

Interfaces

Meters API	HWg XML, Modbus/TCP, MQTT, SNMP
RS-485 (Modbus/RTU)	1x terminal block (with 12V)
DO (Digital Outputs)	1x DO (relays)
DI (Digital Inputs)	3x S0 pulse DI (Digital Input) compliant with EN 62053-31, Class B

Technical specifications

Ethernet	RJ45 (100BASE-T)
Power	12-30 / 48 VDC or PoE
Operating temperature	-30 °C to 65 °C (-22 °F to 149 °F)
Mechanical	Plastic case, DIN rail, 53×90×57 mm
Warranty	24 months

Software / Services

SensDesk.com	Online remote monitoring service. Graphs, alerts, device management.
Portal on premise	Standalone individual SensDesk installation
Portal Providers	Several SensDesk Technology portals
HWg-cloud.com	Free of charge portal service
HWg Monitor	Smart phone application (iOS, Android)
Other software	3 rd party software, HWg-SDK