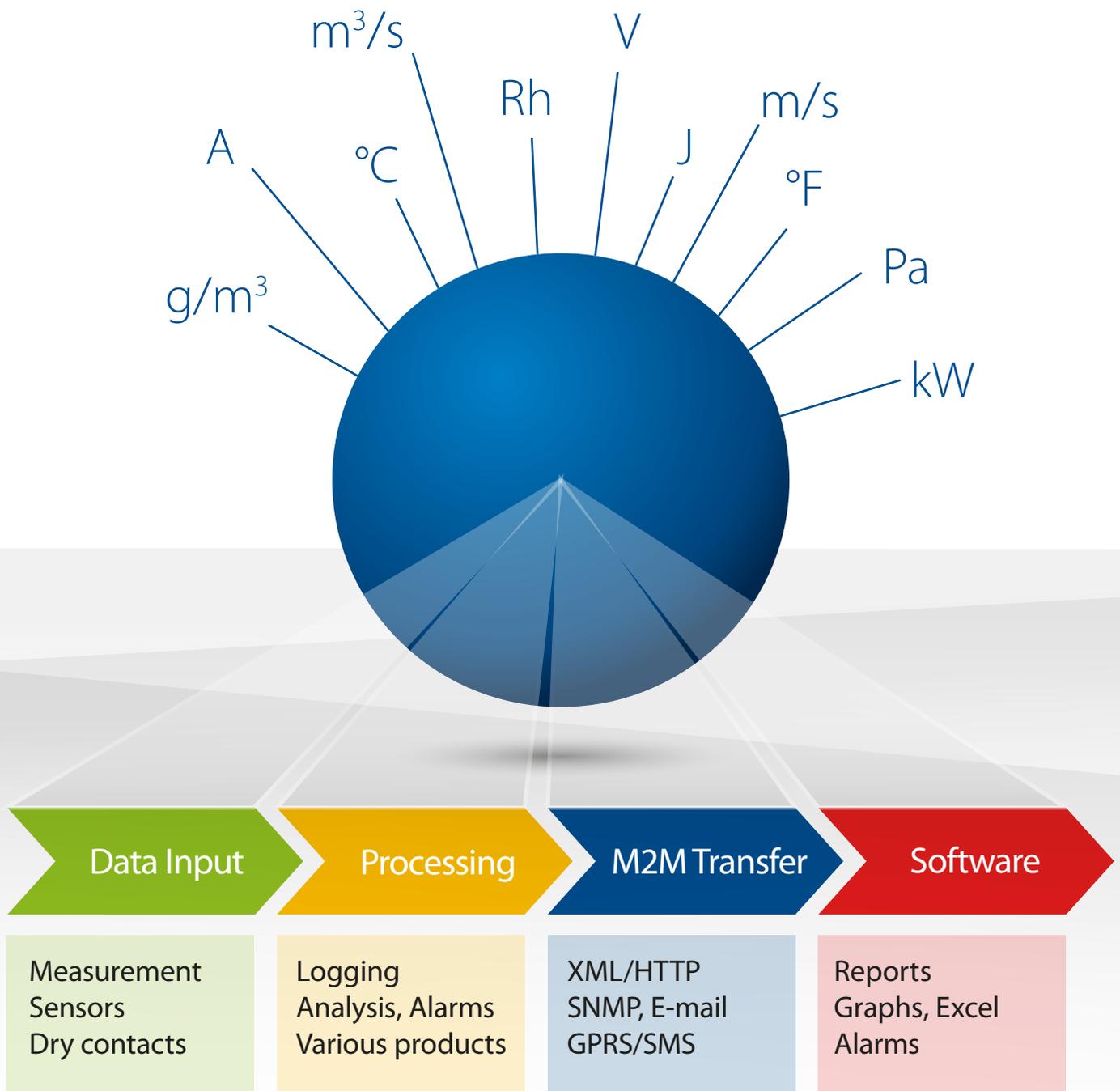


MONITORING



Temperature	Humidity	Energy	Voltage	Current	Pressure	Dry Contacts	Smoke	Flooding	Power	Motion	Gas





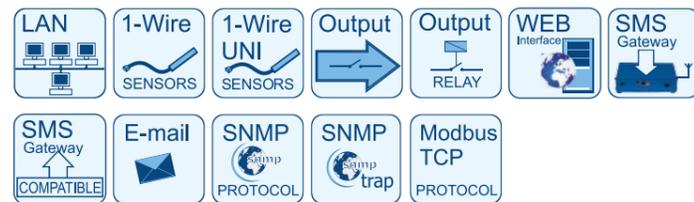
Poseidon



Poseidon 4002 ■ ■

Complete rack monitoring (19") for data centers. A single unit with a GSM modem can serve as a SMS gateway for other Poseidon units in the same building.

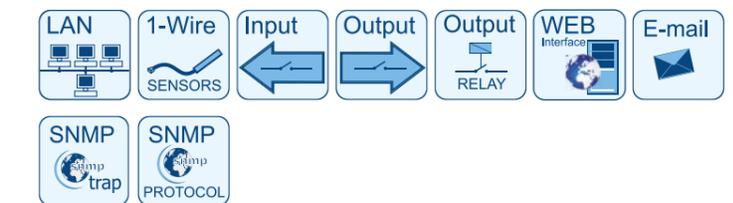
- Sensors:** 4x RJ11 - 1-Wire UNI (12 sensors)
Temperature, humidity, current (0-30A AC, 4-20mA), voltage (0-10V, 0-60V)
- Alarms:** E-mail, SNMP Trap, SMS (GSM modem or HWg-SMS-GW)
- Output:** 2x relay



Poseidon 3468 ■ ■

Remote monitoring and control for industrial applications. Typical applications involve monitoring dry contacts, controlling outputs and measuring temperature/humidity. Fits on a DIN rail, output relay is 110/230V rated. Can be used as a local thermostat/hygrostat.

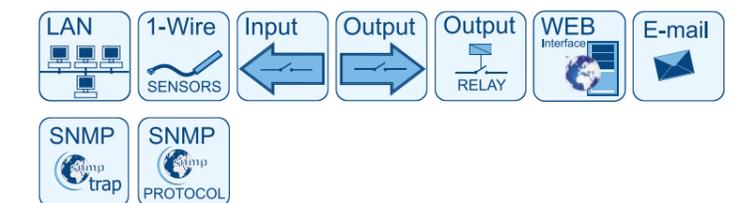
- Sensors:** 2x RJ11 - 4x 1-Wire (temperature / humidity)
- Alarms:** E-mail, SNMP Trap
- Output:** 2x relay (230V / 16A)



Poseidon 3268 ■ ■

Remote monitoring and control of outputs for IT applications (temperature, humidity, 4x dry contact input, 2x relay output). Typical applications involve environment monitoring with the capability to turn on A/C, fan, or perform remote restart.

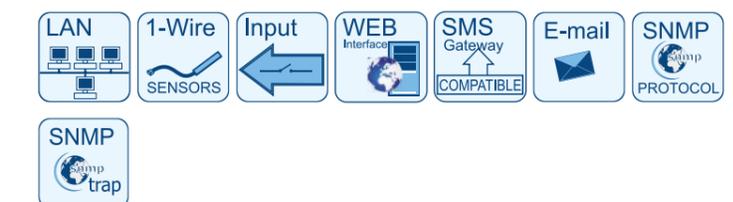
- Sensors:** 4x 1-Wire (temperature / humidity)
- Alarms:** E-mail, SNMP Trap
- Output:** 2x relay



Poseidon 3266 ■ ■

Economy model for IT SOHO applications (temperature, humidity, 4x dry contact input). Typical applications monitor the environment, power supply, and access through doors to cabinets or technology rooms.

- Sensors:** 5x 1-Wire (temperature / humidity)
- Alarms:** E-mail, SNMP Trap and SMS (via HWg-SMS-GW)



Poseidon 2250 ■ ■ ■

Remote monitoring and logging for industrial applications. Up to 40 sensors, distance up to 1000m (RS-485). Logs can be e-mailed as attachments every hour. Suitable for large-scale applications, such as monitoring of buildings or warehouses, where sensors are tens of meters apart.

- Sensors:** 1-Wire UNI (10 sensors), RS-485 (26 sensors)
- Alarms:** E-mail, SNMP Trap, SMS (GSM modem or SMS GW)



Damocles

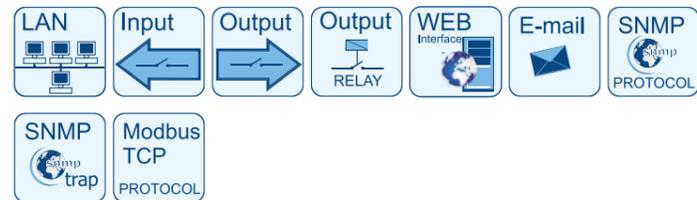


Damocles 2404i



Remote monitoring for 24 digital dry contact inputs. 4-byte pulse counter with memory for each input (supports 50 pulse output). Fits on a DIN rail. Sends SNMP traps to 4 destinations. M2M protocols: Modbus/TCP, XML (HTTP), SNMP.

Inputs: 24x dry contact
Outputs: 4x relay (max 50V)
Alarms: E-mail, SNMP Trap

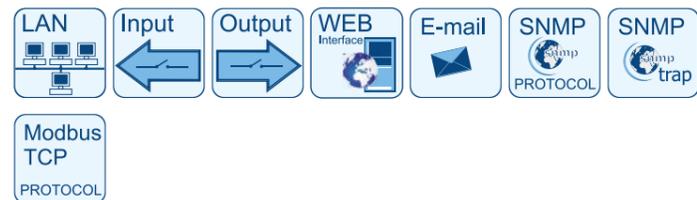


Damocles 1208



Digital inputs and outputs for industrial applications. Fits on a DIN rail. Inputs feature protection for direct relay connection. 32-bit pulse counting for all inputs, Box-2-Box mode. M2M protocols: Modbus/TCP, XML (HTTP), SNMP.

Inputs: 12x dry contact
Outputs: 8x open collector
Alarms: E-mail, SNMP Trap

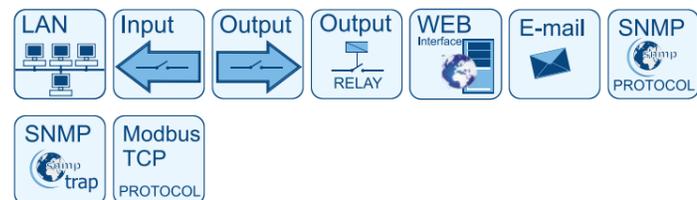


Damocles MINI



Digital inputs and outputs for small IT SOHO applications. Inputs can count pulses. Outputs can be used in the Box-2-Box mode and controlled over the network by another Poseidon or Damocles unit. M2M protocols: Modbus/TCP, XML (HTTP), SNMP.

Inputs: 4x dry contact
Outputs: 2x relay (max 50V)
Alarms: E-mail, SNMP Trap



Ares



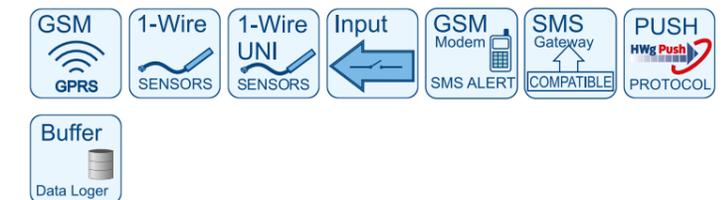
HWg-Ares 14



GSM/GPRS monitoring unit for collecting data from 14 sensors and 2 dry contact inputs.

Designed for remote environment monitoring at any place with GSM coverage. Contains a battery for several hours of backup.

Data can be read into HWg-PDMS (free software), connected to the SensDesk Web portal, or delivered to a generic SCADA/NMS system. We supply a Nagios plugin.



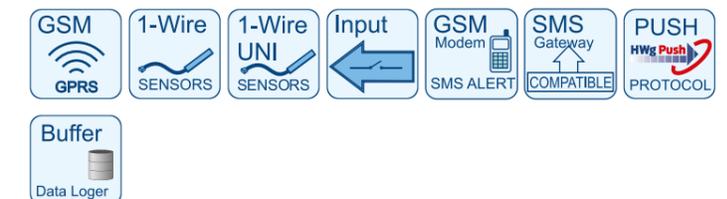
HWg-Ares 12



Simplified version of HWg-Ares 14. GSM thermometer with email (GPRS) and SMS alerts. Supports 3 sensors and 2 dry contact inputs.

Designed for remote environment monitoring at any place with GSM coverage. Contains a battery for several hours of backup.

Data can be read into HWg-PDMS (free software), connected to the SensDesk Web portal, or delivered to a generic SCADA/NMS system. We supply a Nagios plugin.





HWg-STE ■ ■ ■

Ethernet thermometer with WEB interface and free software. Two temperature or humidity probes can be connected. Sends an e-mail alert if the temperature or humidity exceeds a specified limit. Supports SNMP, plugin for Nagios.

Supplied with one temperature probe. Versions with PoE or HWg-Push support are available under separate ordering codes.



HWg-PWR 3/12/25 ■ ■

HWg-PWR collects values from M-Bus meters and makes them available over IP. Values can be accessed over the web (charts), SNMP log, or by e-mail. Operates without a need for a PC.

The device can be used for remote monitoring and metering of electricity, heat, water or gas consumption using electricity meters, water meters, gas meters, heat meters and other sensors equipped with the M-BUS interface (EN 13757).



HWg-WLD ■ ■

Water flood detector for 2D areas. Ethernet output. When a liquid is detected anywhere along the sensing cable, alarm is signaled. Sends e-mail, SNMP trap, or switches a remote relay output over IP (Poseidon / Damocles).

Supplied with 2+2m detection cable. Supports up to 85 m WLD sensing cable + up to 100 m extension cable.

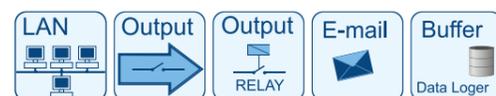


IP WatchDog Lite ■ ■

Monitors functionality of the network interface of two IP devices (two channels). When a device fails, it is automatically restarted using a relay. This can solve problems before your customers even notice them. Restart can be performed manually over the WEB.

With the PowerEgg unit, a 110/230V device can be power-cycled.

Inputs: PING to 4 different IP addresses
Detection: Active/passive PING, active/passive HTML request
Outputs: 2 channels = relay contacts (powered, NO/NC)



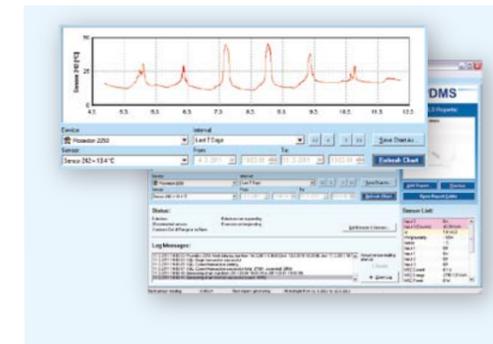
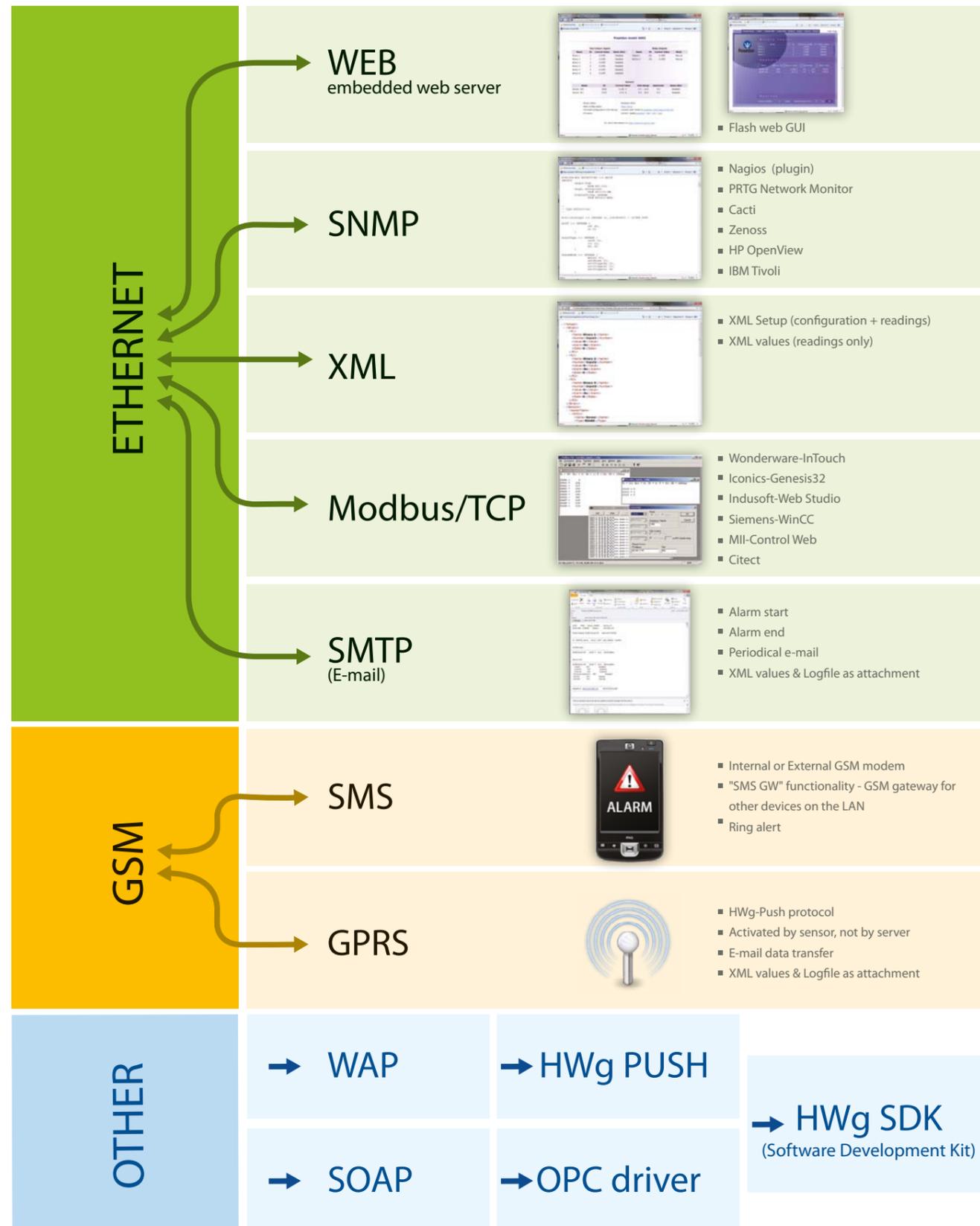
HWg-SMS-GW ■ ■ ■ ■

SMS gateway is a central point that all other HW group products in the same network can use to send alarm text messages. It works on the hardware level and does not need any installed software.

Central SMS gateway significantly reduces costs of external GSM modems, and the entire installation only needs one SIM card. This greatly simplifies control and saves costs.

Supplied with an external GSM antenna with a 3m cable.

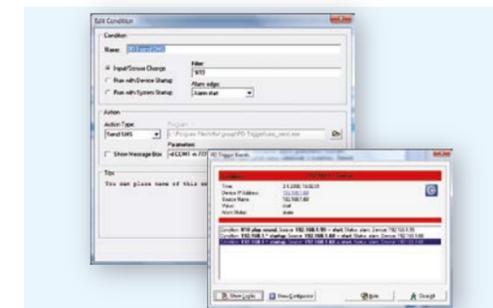




HWg-PDMS

Monitoring software with chart and MS Excel output. Windows application for collecting sensor and digital input readings over GSM and LAN from all HW group products. Export of data in the background, simple analysis and data processing in MS Excel 2007 and newer.

Registered version is free of charge. Periodic export to MS Excel (runs periodically in the background).



HWg-PD Trigger

Windows application for processing events (sensor in alarm, contact closed, device failure). Alarms can be filtered by sensor name and type, just like e-mail. Conditions can be tied with actions, such as displaying a pop-up window, sending a text message, playing a sound, or activating a remote output.

PD Trigger works with SNMP traps. Alternatively, it can work as a software IP watchdog (value/ping).



www.SensDesk.com

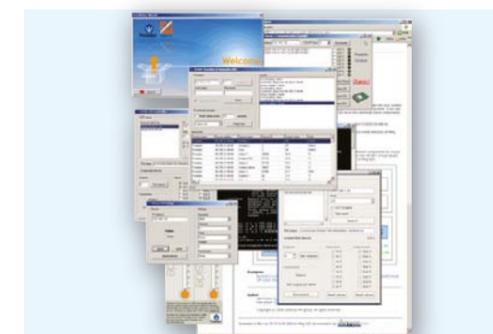
Web service for collecting data from HW group sensors. Works with all sensors that support the HWg-Push protocol.

Watch the readings of all your sensors on the web – with no need to install any software. The base version of the service is free of charge. Visit www.SensDesk.com to learn more.



Paessler PRTG Monitoring

Robust remote monitoring application on the PRTG Network Monitor platform with the HCVg plug-in installed. This remote monitoring system satisfies the highest demands of medium and large scale infrastructures. Features a unique user access with intuitive controls for creating concise interactive maps according to individual requirements.



HWg-SDK

HWg-SDK (Software Development Kit) is a set of application examples for programmers. Example programs simplify the integration of HWg products with custom software.

Supported programming languages: C/C++, Active X, VB, C#, .NET, Borland C++, Microsoft C++, Borland Delphi, JAVA, PHP and more.



	LAN interface	GSM-GPRS data	1-Wire sensors	1-Wire UNI support	RS-485 (industrial sensors)	Digital inputs (DI)	Digital outputs (DO)	M-BUS meters	IP WEB interface	Ext. GSM modem support (SMS alerts)	SMS gateway	SMS gateway compatible	E-mail	SNMP	SNMP Trap	HWg-PUSH version available	Modbus /TCP	Logger	PoE version available
Poseidon 4002	✓	—	12	✓	—	6	2	—	✓	✓	✓	✓	✓	✓	✓	—	✓	—	—
Poseidon 2250	✓	—	10	✓	26	3	2	—	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	—
HWg-SiteMon5	✓	—	12	✓	—	16	4	—	✓	—	—	—	✓	✓	✓	—	✓	—	—
Poseidon 3268,3468	✓	—	4	—	—	4	2	—	✓	—	—	—	✓	✓	✓	—	—	—	—
Poseidon 3266	✓	—	5	—	—	4	—	—	✓	—	—	✓	✓	✓	✓	—	✓	—	—
HWg-STE	✓	—	2	—	—	—	—	—	✓	—	—	—	✓	✓	—	✓*	—	—	✓*
HWg-Ares 14	—	✓	14	✓	—	2	—	—	—	✓	—	—	✓	—	—	✓	—	✓	—
HWg-Ares 12	—	✓	3	✓	—	2	—	—	—	✓	—	—	✓	—	—	✓	—	✓	—
Damocles 2404i	✓	—	—	—	—	24	4	—	✓	—	—	—	✓	✓	✓	—	✓	—	—
Damocles 1208	✓	—	—	—	—	12	8	—	✓	—	—	—	✓	✓	✓	—	✓	—	—
Damocles MINI	✓	—	—	—	—	4	2	—	✓	—	—	—	✓	✓	✓	—	✓	—	—
HWg-PWR 25	✓	—	—	—	—	8	—	25	✓	—	—	✓	✓	✓	✓	✓	✓	✓	—
HWg-PWR 12	✓	—	—	—	—	8	—	12	✓	—	—	✓	✓	✓	✓	✓	✓	✓	—
HWg-PWR 3	✓	—	—	—	—	8	—	3	✓	—	—	✓	✓	✓	✓	✓	✓	✓	—
HWg-SMS-GW	✓	—	—	—	—	—	—	—	✓	✓	✓	—	—	—	—	—	—	—	—
HWg-WLD	✓	—	—	—	—	—	—	—	✓	—	—	✓	✓	✓	✓	✓	—	—	✓*
HWg-WLD Relay	✓	—	—	—	—	—	1	—	✓	—	—	—	—	—	—	—	—	—	—
IP WatchDog Lite	✓	—	—	—	—	—	2	—	✓	—	—	—	—	—	—	—	—	✓	—

* Different ordering code is required

HW group distributor

Registered office

HW group s.r.o.

Rumunská 26

120 00 Praha 2

Czech Republic

Business premises

U pily 3/103

143 00 Praha 4 - Modřany

Czech Republic

Tel.: +420 222 511 918

Fax: +420 222 513 833

E-mail: sales@hwg.cz

www.HW-group.com

