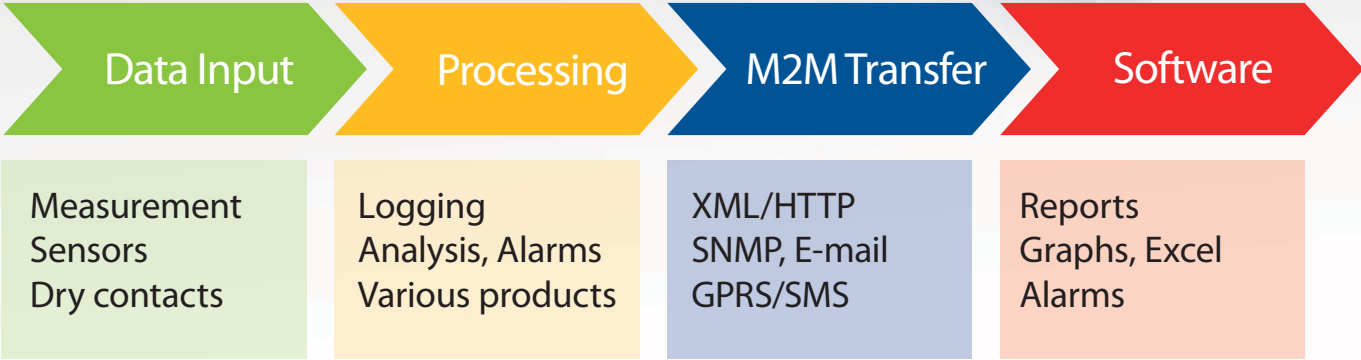


MONITORING



Temperature	Humidity	Energy	Voltage	Current	Pressure	Dry Contacts	Smoke	Flooding	Power	Motion	Gas				
 30A Current probe 1W-UNI	 Sensor 4-20mA 1W-UNI	 Door contact MK4	 Door contact	 Flood detector	 Gas Leak Detector	 HTemp-1Wire-Box2	 HTemp-1Wire Rack 19	 HTemp-485 T3419	 HTemp-485 T3411	 Humid-1Wire (1m, 3m, 10m)	 M-Count 2C	 Meter 3f ED 310.DB HWG	 Meter 1f DHZ 5/63-M-BUS	 Motion PIR Detector	 PHTemp-485 T7410
 PowerEgg2	 Temp-1W-UNI Pt100 Cable	 Expander 4xDI 1W-UNI	 Flood detector 1W-UNI 5m	 Smoke Detector	 Temp-1Wire 3m IP67 (1,3,10m)	 Temp-1Wire Rack 19	 Temp-1Wire-Flat	 Temp-1Wire Outdoor	 Probe Pt100 TR125 2m	 Temp-1W-UNI Pt100 Frost	 Temp-485-Pt100 Cable3	 Temp-485-Pt100 Box2	 1Wire-UNI-AD 230	 Temp-485 Box2	 Temp-485-Pt100 Frost2
 Vibration detector	 Voltage sensor 0 to 60V, 1W-UNI bus for monitoring -48VDC	 Probe Pt100 TG8 2m	 HWg-WLD Relay	 WLD sensing cable A - 2+2,10 & 50m	 HTemp-1Wire Outdoor 3m	 HTemp-1Wire 3m	 Sensor Light 1W-UNI 3m								



Poseidon



Poseidon2 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:** 16x 1-Wire UNI (6x RJ11), 26x RS-485 Industrial SENSORS
- Alarms:** E-mail, SNMP Trap, SMS (GSM modem or HWg-SMS-GW)
- Output:** 4x relay

LAN	1-Wire UNI SENSORS	RS-485 INDUSTRIAL SENSORS	Input	Output RELAY	WEB Interface	SMS Gateway
SMS Gateway COMPATIBLE	Buffer Data Logger	E-mail	SNMP PROTOCOL	SNMP trap	Modbus TCP PROTOCOL	PUSH HWg Push PROTOCOL



Poseidon2 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:** 8x 1-Wire UNI (2x RJ11)
- Alarms:** E-mail, SNMP Trap
- Output:** 2x relay

LAN	1-Wire UNI SENSORS	Input	Output RELAY	WEB Interface	E-mail	SNMP trap
SNMP PROTOCOL	Buffer Data Logger	SMS Gateway COMPATIBLE	PUSH HWg Push PROTOCOL			



Poseidon2 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 - 8x 1-Wire UNI
- Alarms:** E-mail, SNMP Trap
- Output:** 2x relay (230V / 16A)

LAN	1-Wire UNI SENSORS	Input	Output RELAY	WEB Interface	E-mail	SNMP trap
SNMP PROTOCOL	Buffer Data Logger	SMS Gateway	PUSH HWg Push PROTOCOL			



Poseidon2 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:** 8x 1-Wire UNI (2x RJ11)
- Alarms:** E-mail, SNMP Trap and SMS (via HWg-SMS-GW)

LAN	1-Wire UNI SENSORS	Input	WEB Interface	SMS Gateway COMPATIBLE	E-mail	SNMP PROTOCOL
SNMP trap	Buffer Data Logger	PUSH HWg Push PROTOCOL				

Damocles

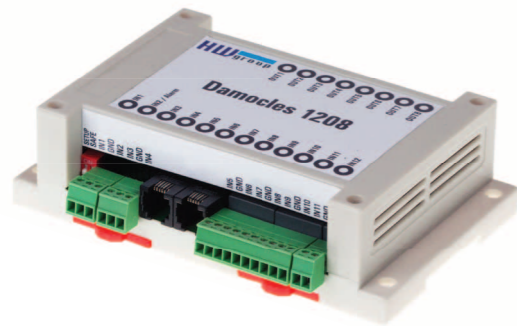
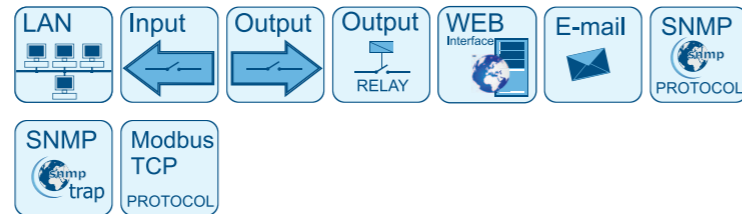


Damocles 2404i



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

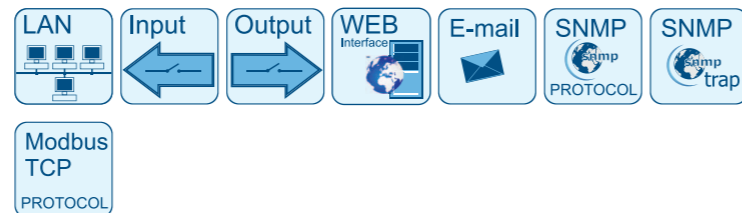


Damocles 1208



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

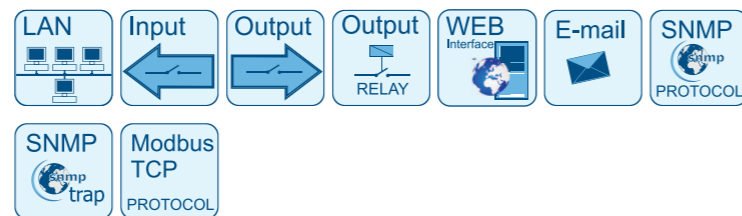


Damocles MINI



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



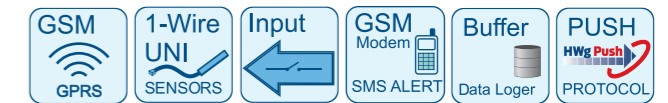
HWg-Ares 14



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.



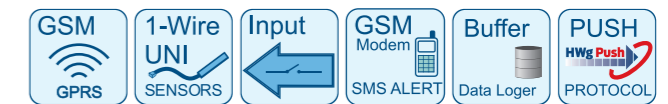
HWg-Ares 12



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 PoE ■ ■ ■

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.

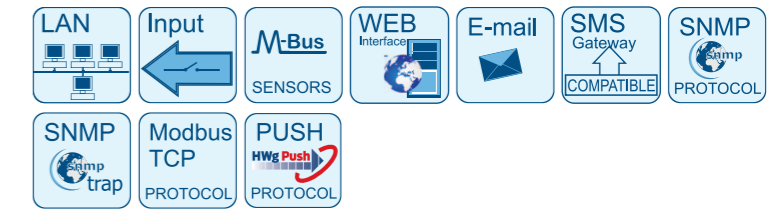
Supplied with one temperature probe. Versions with PoE or HWg-Push support are available under separate ordering codes.



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-STE plus ■ ■ ■

Ethernet thermometer with WEB interface and free software. Two temperature or humidity probes and two detectors 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 is available under separate ordering codes.

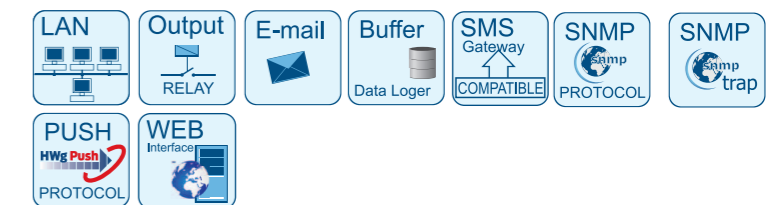


IP WatchDog2 Lite ■ ■

Monitors functionality of the network interface and restarts 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.

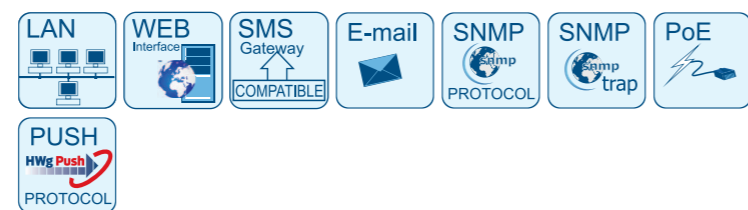
With the PowerEgg2 unit, a 110/230V device can be power-cycled.

Inputs: PING to 10 different IP addresses
Detection: Active/passive PING, active/passive HTML request
Outputs: 2 channels = relay contacts (powered, NO/NC)



HWg-WLD / HWg-WLD Relay ■ ■

Water detection on a surface using sensing WLD cable. Alarm signalisation in case that water is detected anywhere on the whole length of the "WLD sensing cable."
 "HWg-WLD" connects via Ethernet. In case it detects water, sends an alarm email, SNMP Trap or SMS (via WHg-SMS-GW2).
 PoE version can be ordered under different product ID.
 "HWg-WLD Relay" is a flood detector with a relay output, which can be connected as a sensor to Poseidon2 or Ares units.



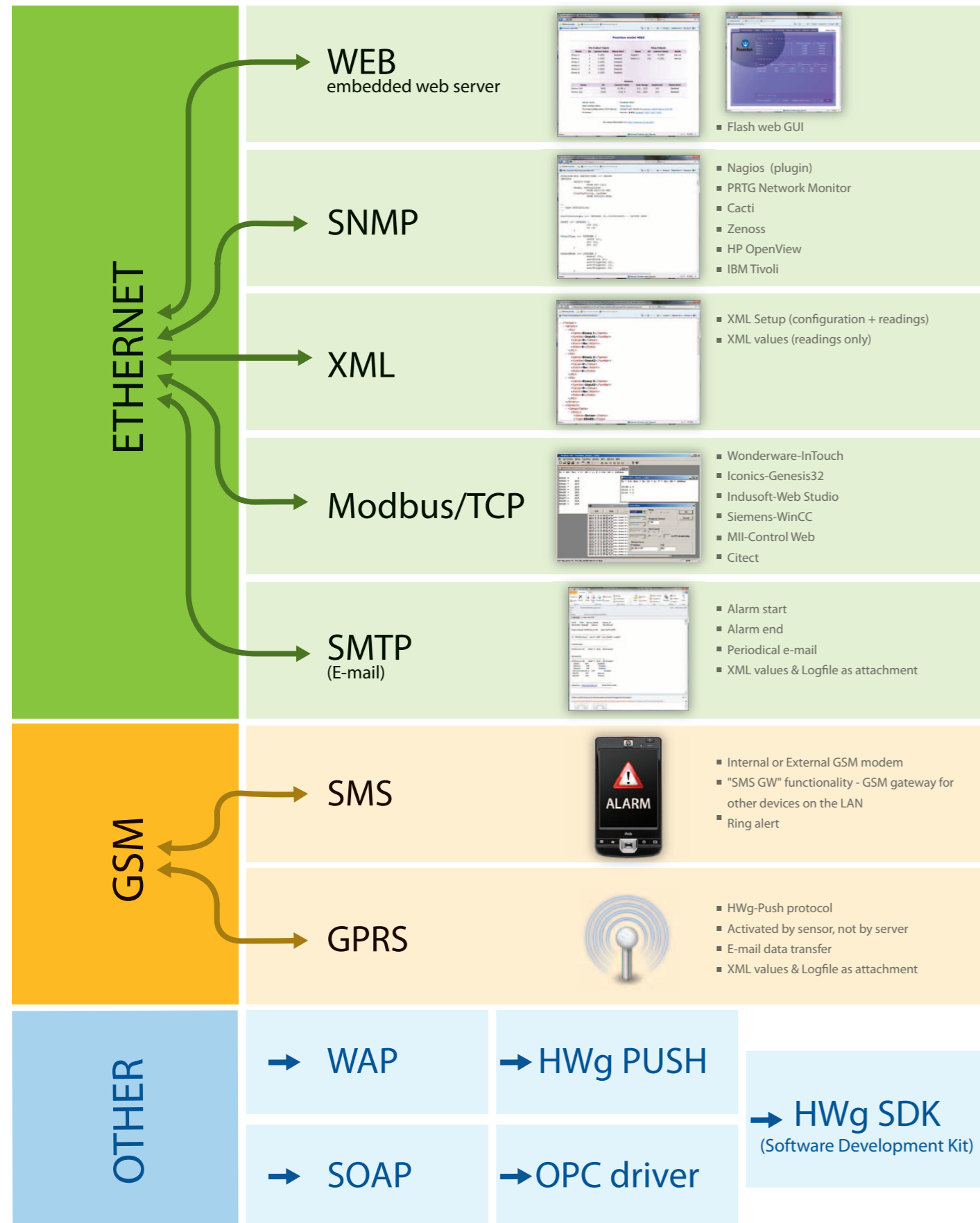
HWg-SMS-GW3 ■ ■ ■ ■

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.





SensDesk.com portal

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.

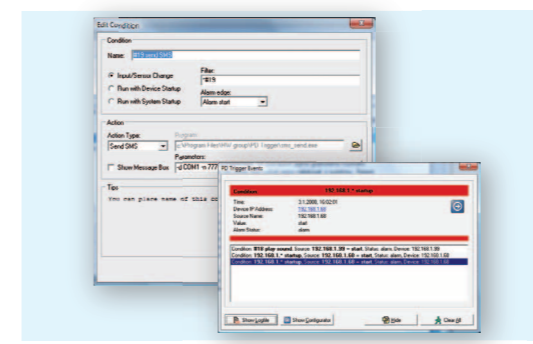


HWg-PDMS

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-Trigger

HWg-Trigger is an alert management software for Windows (If-Than).

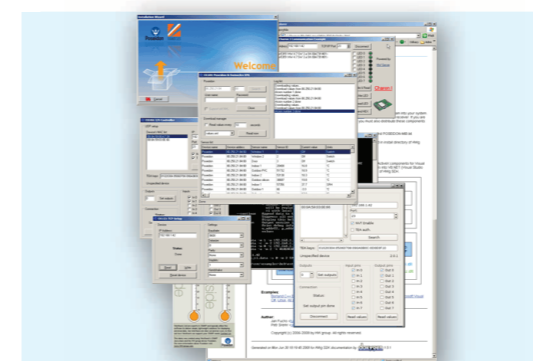
HWg-Trigger alerts to a failed device (out of 10 listed), starts applications, or redirects alarms to text messages (SMS). An action (e.g. displaying a pop-up message) can be assigned to each condition (e.g. a sensor reading out of safe range).



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	Can use SMS gateway	E-mail	SNMP	SNMP Trap	HWg-PUSH	Modbus/TCP	Logger	PoE version available
Poseidon2 4002	✓	—	16	✓	26	12	4	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
Poseidon2 3268	✓	—	8	✓	—	4	2	—	✓	—	—	✓	✓	✓	✓	✓	✓	✓	—
Poseidon2 3468	✓	—	8	✓	—	4	2	—	✓	—	—	✓	✓	✓	✓	✓	✓	✓	—
Poseidon2 3266	✓	—	8	✓	—	4	—	—	✓	—	—	✓	✓	✓	✓	✓	✓	✓	—
HWg-Ares 14	—	✓	14	✓	—	2	—	—	—	—	—	—	✓	—	—	✓	—	✓	—
HWg-Ares 12	—	✓	3	✓	—	2	—	—	—	—	—	—	✓	—	—	✓	—	✓	—
HWg-STE	✓	—	2	—	—	—	—	—	✓	—	—	—	✓	✓	—	✓*	—	—	✓*
HWg-STE plus	✓	—	2	—	—	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-GW3	✓	—	—	—	—	—	—	—	✓	—	✓	—	—	✓	—	—	—	—	—
HWg-WLD	✓	—	—	—	—	—	—	—	✓	—	—	✓	✓	✓	✓	✓	✓	—	✓*
HWg-WLD Relay	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
IP WatchDog2 Lite	✓	—	—	—	—	—	2	—	✓	—	—	✓	✓	✓	✓	✓	—	✓	—
IP WatchDog2 Industrial	✓	—	—	—	—	—	2	—	✓	✓	—	✓	✓	✓	✓	✓	✓	✓	✓*

* Available on request.

HW group distributor

HW group s.r.o.

Rumunská 26
120 00 Praha 2
Czech Republic

Tel.: +420 222 511 918

Fax: +420 222 513 833

E-mail: sales@hwg.cz

www.HW-group.com

