### Poseidon2 3468: IP Thermostat with 230V/16A relay outputs

**Web thermostat with 4 digital inputs, external sensors (voltage, temperature, illumination, humidity, ...) and 2 relay outputs rated at 110/230V. Industrial solution (fits on a DIN rail). Supports e-mail, SNMP, Modbus/TCP, and the Sensdesk.com online portal.**



Poseidon2 3468 is designed for industrial alerting applications. Based on external sensor readings, Poseidon 3468 sends alerts or activates relay outputs.

Output relays can directly switch 110/230VAC. The product is CE compliant.

E-mail or SNMP Trap is sent whenever a value at a sensor exceeds its specified range.

A minimum closed contact time condition to send the alert can be specified. For instance, “Send an e-mail when the door is open for longer than 120 seconds.”

Relay outputs can be controlled remotely over the Web, or from a software application (XML, SNMP, Modbus/TCP).

A typical application is an “IP thermostat” or an “IP hygrostat”. The relays control heating or cooling (fan) using an external temperature, humidity or other sensor.

* **Online demo**: http://poseidon2.hwg.cz
* **Ethernet**: RJ45 (100BASE-T)
* **Web:** Built-in Web server
* **Sensors**: 2xRJ11 for 8 external sensors (1-Wire / 1-Wire UNI)
* **Digital Inputs:** 4 digital inputs (dry contact)
(door contact, smoke detector, 110/230VAC power detector, water leak detector, cooling fan failure detector)
* **Digital Outputs:** 2 digital (relay) outputs (**230VAC/16A)**
(air conditioning, server power, horn/light tower)
* **You can measure:** Humidity, Voltage, Current, 4-20mA, Light, Temperature (even Pt100, Pt1000) and many more..
* **Logging of values:** more than 250.000 records (internal flash memory)
* **Power**: 9 to 30V DC, but also -48V DC (Telco standard)
* **Mechanical**: Fits on a DIN rail, 145 x 90 x 45 [mm]
* **Local built-in functions**: Output control according to sensor value or digital input (“thermostat” mode)
* **Alerts (value out of defined safe range):** SNMP trap, Email, HWg-Push
* **Text messages (SMS)**: Alerts can be send as text messages (SMS) over a remote “HWg-SMS-GW“ on the network. No software needed.
* **M2M communication protocols**: SNMP, XML, Modbus/TCP, HWg-Push
* **Support for programmers**: HWg-SDK
* **Recommended online portal: SensDesk.com** – Free online portal
* **Supported software**

	1. **HWg-Trigger**: Alert redirection to SMS, pop-up messages, PC shutdown...
	2. **HWg-PDMS**: Logging of values, graphs, export to MS Excel
	3. **Third-party SNMP software**

**EN Keywords:**

Poseidon2 3468, IP thermostat, web enabled thermostat, IP relay 110V, web relay 230V, remote thermostat, internet thermostat, temperature logger, hygrometer, powered by -48V DC,

modbus relay, snmp relay, humidity controller, Ethernet relays, snmp thermostat, humidity control, remote control thermostat, thermohygrometer, IP-relay, Modbus/tcp sensor, DIN ethernet relay,pt100, 4-20mA, pt1000