

# Poseidon 3468

*IP thermostat controls 2 outputs, 4 dry contact inputs and 4 sensors. Built-in web server, output control and alert functions (e-mail, SNMP).*

Poseidon 3468 alerts the operator to critical situations (contact opened/closed, or temperature/humidity out of safe range).

In case of an alarm, Poseidon sends an e-mail and connects to your NMS (Network Management Software) with a SNMP trap.

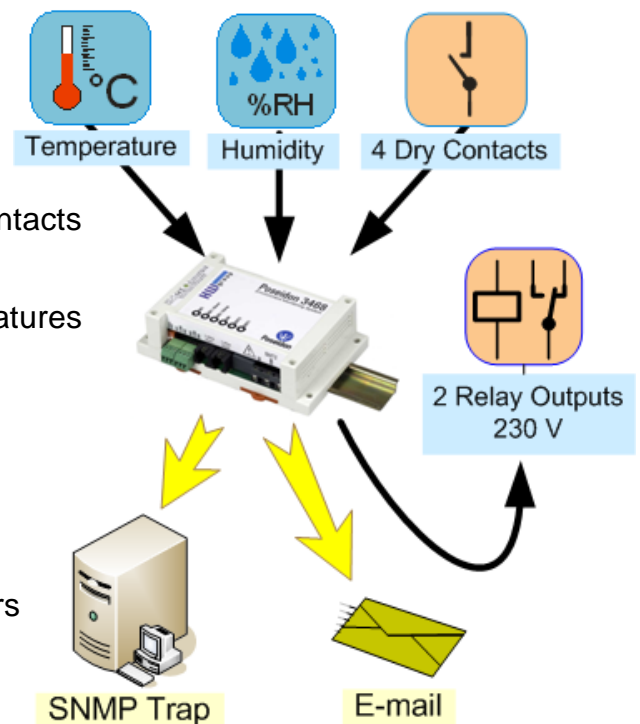
Relay outputs can be controlled remotely over the Web, or locally by defined sensor value (thermostat / hygostat).



- 4 DI inputs to connect dry contacts
- 2 DO relay outputs **250V/16A** (double-throw relay NO/NC contacts)
- Connect up to 4 **temperature** or **humidity sensors** (up to 60m)
- When a contact is closed, e-mails or SNMP traps can be sent to multiple recipients

## Application examples

- **Remote rack monitoring**  
Door open, temperature / humidity, power outage, states of contacts, equipment restart
- **UPS / back-up generator monitoring**  
Fuel level, diesel generator status, remote start over IP, monitoring of temperature and service contacts
- **Air conditioning control over IP**  
Turns on heating / cooling when specified temperatures are sensed
- **IP-based security systems**
  - Surveillance systems (external sensors)
  - Equipment status, access control systems
- **Operation logging:** storages, coolers and freezers (food and pharmaceutical industry)
- **Monitoring systems:** Information booths, ATMs, terminals



## Basic features

- No special software necessary
- Installation in 10 minutes
- Built-in graphical **WWW interface** for configuring the unit and displaying the readings
- Control of **outputs** over IP or locally (thermostat function). Output controllable based on a sensor (input) value less than/greater than specified.
- Alarm alert: **E-mail** or **SNMP trap** (**SMS** with additional software, e.g. PD Trigger)
- **Software:**
  - **HWg-PDMS:** Logging of values, graphs, export to MS Excel
  - **HWg-PD Trigger:** Watchdog + Alert redirection to SMS, Pop-Up, shutdown PC
  - **CapTemp:** Simple SCADA (Map visualization, control of outputs, SMS alerts, HACCP)
  - **3rd party SNMP NMS:** Nagios, WhatsUp, Cacti, The Dude, Zabbix, Zenoss, Openms, Solarwinds, HP openview, Tivoli manager, OPmanager, Big Brother
  - **SDK** (Software Development Kit): libraries and examples (ActiveX, VB, Delphi, C, C#, .NET)
- **Industrial applications:**
  - Works with most **SCADA** systems (OPC server and I/O server)
  - “Soft-PLC” Windows application for remote access to the units, measuring and control

### Poseidon model 3468

- Dry Contact **Inputs:** **4**
- **Outputs** (relay contacts): **2**
- **Sensors**
  - **1-Wire bus** (max 60m): **5**
  - **RS-485 bus** (max 1000m): **-**
- **SNMP:** **Yes**
- Alarm alert by e-mail: **Yes**
- Internal flash logger: **No**
- **GSM modem** (SMS alerts): **No**
  - **Remote GSM** (over LAN): **No**

## Accessories



**PowerEgg**  
600 237



**Temp-1Wire-Outdoor 3m**  
600 311



**Door Contact**  
600 119



**Temp-1Wire 1m**  
600 242



**HTemp-1Wire Box2**  
600 344

<b>Poseidon 3468</b>	Poseidon 3468 unit, without sensors and power adapter
<b>Poseidon 3468 Tset</b>	Quick start set – contains a temperature sensor, AC adapter, etc.
<b>Temp-1Wire 3m</b>	Temperature sensor, 3m cable (1m = 600 242, 10m = 600 056)
<b>HTemp-1Wire Box2</b>	Indoor temp/humidity sensor, 2x RJ11 jack for daisy-chaining sensors
<b>Temp-1Wire-Flat 3m</b>	Stainless steel temp sensor for freezers (–30°C), 3m flat cable
<b>Temp-1Wire-Outdoor 3m</b>	Stainless steel outdoor temp sensor (–30°C to +120°C), 3m cable
<b>Gas Leak Detector</b>	Flammable gases detector, connects to a Dry Contact input (I1-I4)
<b>Flood detector</b>	Water level (conductivity) detector, connects to a Dry Contact input (I1-I4)
<b>Door Contact</b>	Door contact for detecting open door – Dry Contact input (I1-I4)
<b>PowerEgg</b>	110/230V sensing and control – Dry Contact input (I1-I4) / output (O1/O2)