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.

Configuration and current sensor readings are accessible in a graphical WWW interface served by the built-in web server.

- IP thermostat function to control outputs locally
- 2 outputs rated at 250V (double-throw relay contacts)
- Connect up to 4 temperature or humidity sensors and 4 Dry contact inputs
- When a contact is closed, e-mails or SNMP traps are 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)
- Pop-up alerts with the supplied SW application

With the supplied **HWg SDK**, you can control Poseidon from your own application in a few hours

**Applications in IT:**

- Poseidon is supported by more than **60 NMS systems** (LoriotPro, Nagios, SNMPc, HP OpenView, IBM Tivoli, MRTG, Intellipool, and more)
- SDK (Software Development Kit): libraries, examples (ActiveX, VB, Delphi, C, C#, .NET)

**Industrial applications:**

- Works with most **SCADA** systems (OPC server and I/O server via Modbus/TCP)
- “Soft-PLC” Windows application for remote access to the units, measuring and control
- Windows application for data collection in the food industry, pharmacy IT systems

**Accessories**

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<tr>
<th>Poseidon 3468 model</th>
<th>Description</th>
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<tbody>
<tr>
<td>Poseidon 3468</td>
<td>Poseidon 3468 unit, without sensors and power adapter</td>
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<tr>
<td>Poseidon 3268 Tset</td>
<td>Quick start set – contains a temperature sensor, AC adapter, etc.</td>
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<tr>
<td>Temp-1Wire 3m</td>
<td>Temperature sensor, 3m cable (1m = 600 242, 10m = 600 056)</td>
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<tr>
<td>HTemp-1Wire Box2</td>
<td>Indoor temp/humidity sensor, 2x RJ11 jack for daisy-chaining sensors</td>
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<tr>
<td>Temp-1Wire-Flat 3m</td>
<td>Stainless steel temp sensor for freezers (−30°C to +120°C), 3m flat cable</td>
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<tr>
<td>Temp-1Wire-Outdoor 3m</td>
<td>Stainless steel outdoor temp sensor (−30°C to +120°C), 3m cable</td>
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<tr>
<td>Gas Leak Detector</td>
<td>Flammable gases detector, connects to a Dry Contact input (I1..I4)</td>
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<tr>
<td>Flood detector</td>
<td>Water level (conductivity) detector, connects to a Dry Contact input (I1..I4)</td>
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<tr>
<td>Door Contact</td>
<td>Door contact for detecting open door – Dry Contact input (I1..I4)</td>
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<tr>
<td>PowerEgg</td>
<td>110/230V sensing and control – Dry Contact input (I1..I4) / output (O1/O2)</td>
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