

Poseidon model 3268

Ethernet temperature / humidity monitoring with 2 relay outputs and 4 dry contact inputs (Web, SNMP, and E-mail). Output relays can be controlled over the Web.

Poseidon model 3268 alerts the operator, in case of critical situations (contact opened/closed, temperature out of safe range).

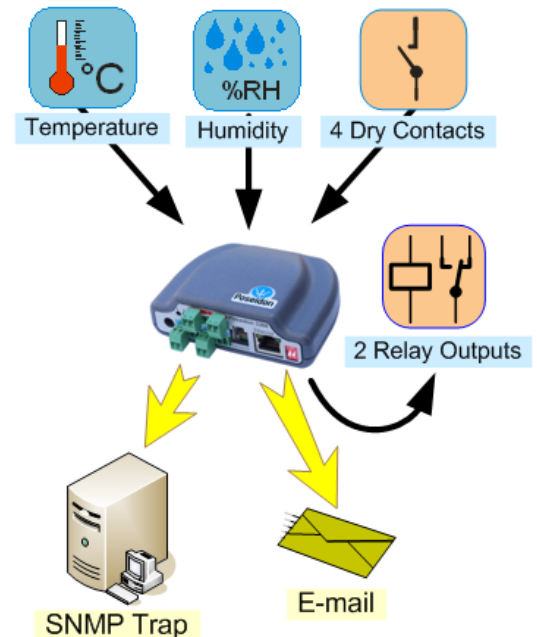
In case of alarm, Poseidon sends an e-mail and connects to your SNMP monitoring application (Nagios, HP OpenView, Zenoss, Cacti, ..).



- **2 Relay outputs** (double-throw relay NO/NC contacts)
- **4 inputs** to connect dry contacts
- Connect up to **5 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

- **Security:** Monitoring of sensors in IT rooms
- **SCADA systems:** Connection of external inputs
- **Back-up supply monitoring:** UPS, diesel generators
- **Environment monitoring:** Temp and humidity in ICT installations (fire alarms, security or telephony systems)
- **IT – monitoring:** Server rooms, **19” racks** (ICT)
- **Surveillance systems:** Connection of external sensors (door contacts, PIR motion detectors)
- **Large buildings:** HVAC optimization
- **Systems interconnection:** Linking together fire protection, security, and access control systems
- **A/C monitoring:** Temperature, condensed water leaks
- **Monitoring systems:** Info kiosks, ATMs, terminals
- **HVAC control:** Turns on heating or cooling in accordance with configured sensor thresholds



Basic features

- No special software necessary
- Built-in graphical **WWW interface** for configuring the unit and displaying the readings
- Alarm alert: **E-mail** or **SNMP trap** (SMS can be sent with additional software, e.g. PD Trigger)
- **Thermostat** mode: Outputs can be used to signal sensor readings above or below a threshold
- **Temp and humidity sensors** available in various variants and cable lengths (1 / 3 / 10 m)
- **Security**: password protection, IP address range, HW protection against configuration changes
- **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)

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- **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



Poseidon T-Box
600 040



Door Contact
600 119



Temp-1Wire 1m
600 242



HTemp-Rack19
600 330

600 254	Poseidon 3268	Basic Poseidon 3268 unit
600 255	Poseidon 3268 Tset	Quick start set – contains a temperature sensor, AC adaptor, etc.
600 005	Temp-1Wire 3m	Temperature sensor, 3m cable (1m = 600 242, 10m = 600 056)
600 311	Temp-1Wire-Outdoor 3m	Stainless steel outdoor temp sensor (–30°C to 120°C), 3m cable
600 279	Humid-1Wire 3m	Humidity sensor, 3m cable (1m = 600 278)
600 330	HTemp-Rack19	Temp + humidity sensor, fits into a 1U rack slot
600 040	Poseidon T-Box	Hub to connect 5 IT bus sensors to a Poseidon unit
600 280	Poseidon T-Box2	Hub to connect 2 IT bus sensors to a Poseidon unit
600 239	Gas Leak Detector	Flammable gases detector, relay connects to a Dry Contact input (I1..I4)
600 240	Flood detector	Fluid level (conductivity) detector, connects to a Dry Contact input (I1..I4)
600 237	PowerEgg	110/230V mains voltage detector (connect to I1..I4 of a Poseidon) and switch (connect to O1 / O2 of a Poseidon 3268)