

Poseidon 4002

**Cabinet environment monitoring solution for data centers.
SNMP based, fits into a 19" cabinet.**

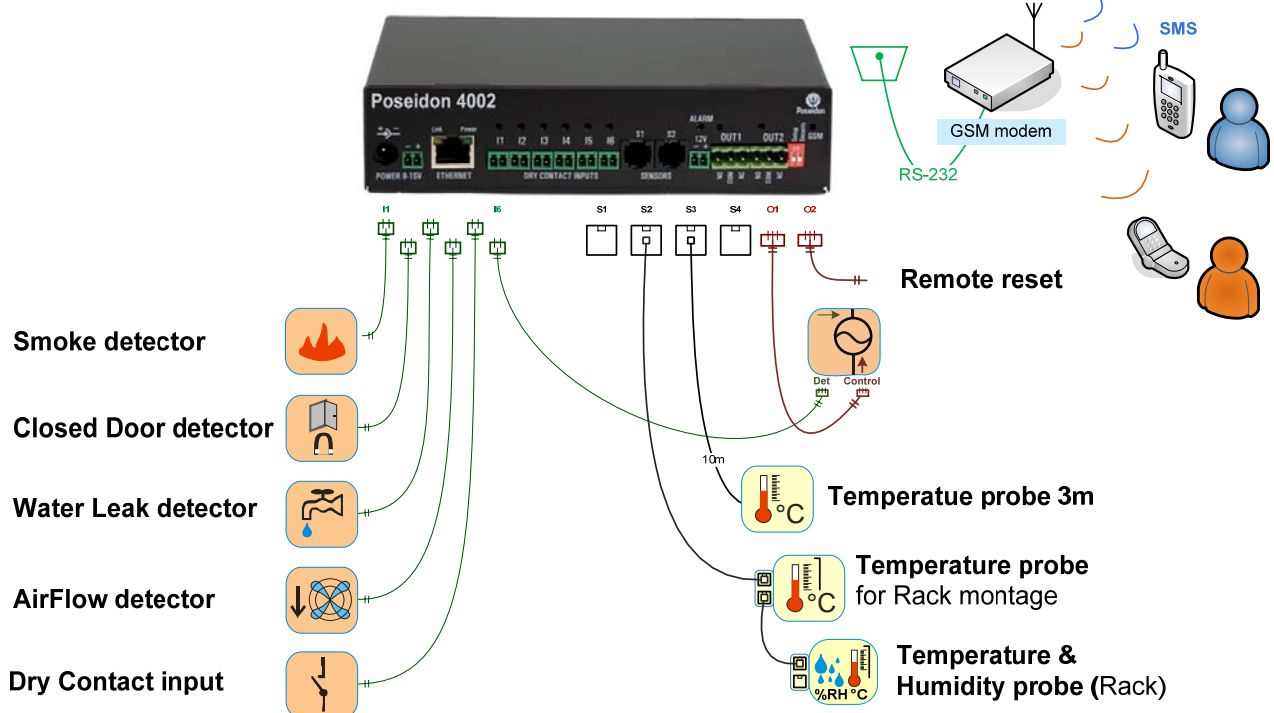
The Poseidon 4002 is a complete solution for rack mount environment monitoring in data centers (fits into 19" or 10" cabinets). Supports up to 18 probes (temperature and humidity, AC current, smoke, water leak, water flood, air flow, vibrations detector, light).

- Built-in web server, SNMP support
- Alarm alerts by e-mail, SMS (Ring), relay
- SMS alarms (local/remote GSM modem)
- 6 Digital Inputs (dry contacts)
- 2 Digital Outputs (24VDC relays)
- 12 external sensors (1-Wire UNI) up to 60m
- SMS GW function (can transmit SMS for other HW group devices)
- Free monitoring software HWg-PDMS included (Windows based)



Applications

- Data centers
- Telecom rooms
- Network infrastructure
- UPS monitoring
- Rack monitoring
- A/C monitoring and control



Basic features

- No special SW needed
- Built-in WWW interface for configuring the unit and monitoring the sensors.
- Fits into a 19" or 10" cabinet (rack).
- Supports a GSM modem for sending alerts by SMS, independently of the network.
- Can be used as SMS GW for other devices
- Thermostat function: Relay output can signal when sensor value is out of the range.
- Nagios plugin, compatible with WhatsUp, Cacti, Zabbix, Zenoss, OpenNMS, HP OpenView, IBM Tivoli and many more..
- Security ensured through a password, IP address, HW protection (config. changes)

Poseidon 4002

- **Inputs** (Dry contact): **6**
- **Outputs** (Relay NO/NC): **2**
- **Sensors**
 - **1-Wire UNI** (4x 60m): **12**
 - **RS-485** (up to 1000m): **-**
- **SNMP**: **Yes**
- Alarm alerts by e-mail: **Yes**
- **GSM modem** (SMS alerts): **Yes**
- **SMS GW** (Client/Server) **Yes**

Supported sensors

- Dry Contact
- Temperature
- Humidity
- Water leak detection (Spot / Rope detection)
- Smoke detector
- Voltage sensor (110/230V)
- Airflow detector
- Contactless AC current sensor (110/230 VAC)
- General voltage / current sensor

Physical features

- **Dimensions**: 184 x 44 x 125 mm (1U)
- **Power**: 12V / 0.5A jack / terminals
- **Temp / Humidity**: -10 to 65°C / 20-80% R.H.

Outputs

- **Double-throw contact**: 50V / 1A DC
- **Control**: SNMP / XML / local condition
 - Local condition: Sensor (input) reading < = > configured value



PowerEgg
600 237



Door Contact
600 119



Temp-1Wire 1m
600 242



HTemp-Rack19
600 330



Smoke detector
600 310



HWg-WLD Relay
600 493



Temp-1Wire-Outdoor 3m
600 311



HTemp-1Wire Box2
600 344

Product ordering numbers

600 346	Poseidon 4002	Poseidon 4002 plain model, without accessories
600 384	Poseidon 4002 Tset	Poseidon 4002, 19" mounting kit, EU power adapter, two temperature sensors (Temp19 rack-mount and Temp-1Wire 3m cable)