HWg-CS31: 19" cabinet monitoring over IP (E-mail, SNMP)

Datacenters

Example of remote door control, temperature monitoring and smoke detection in a cabinet. When a door is open or closed, or the safe range of environmental conditions is exceeded, an alert is sent by E-mail or SNMP trap. It is also possible to connect a horn as a local alarm, or a fan as local cooling. The solution is designed for 19" racks.
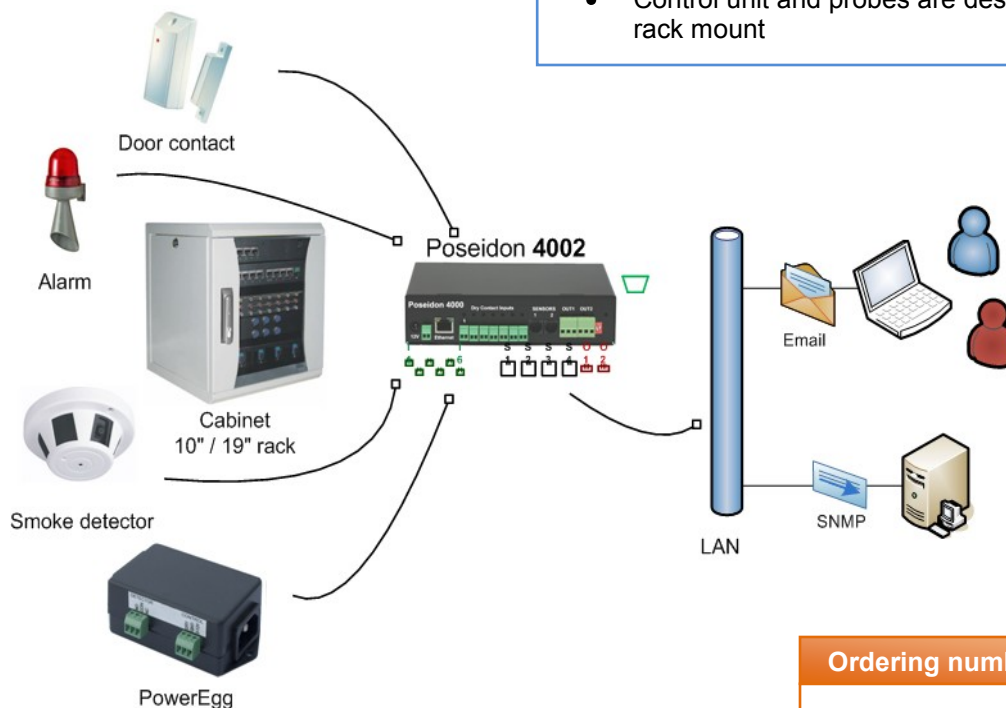
- Whenever a cabinet (19" rack) door is opened, you receive an e-mail
- SNMP trap alerts you to high temperature, or to electricity supply outage
- Remote control of server restart or server cooling

Dangerous situations

- Unidentified access to your cabinet
- Cabinet door accidentally left open
- Equipment overheating / smoke
- Electricity outage – remote restart

Advantages

- Cabinet access monitoring (log)
- Early warning by e-mail to high temperature
- Remote monitoring of electricity outages
- Ability to restart the equipment remotely
- Control unit and probes are designed for 19" rack mount

Door contact

Alarm

Poseidon 4002

Email

Cabinet 10" / 19" rack

Smoke detector

LAN

SNMP

PowerEgg

Ordering numbers

600 346	Poseidon 4002
600 237	PowerEgg
600 371	Door Contact MK4

Technical description

- Poseidon 4002 is connected to the Ethernet, directly generates e-mails
- Configuration and control takes place over the built-in Web server
- Poseidon 4002 and all sensors are designed for installation into a 19" cabinet (1U)
- Full SNMP compatibility, simple HWg-PDMS monitoring software for Windows is available free of charge
- Magnetic door contact, it is also possible to connect a humidity detector or a water flood detector
- The PowerEgg unit monitors the 110/230V supply and can remotely switch on/off the power to a server or an A/C unit