

# Poseidon2 3268

## Remote I/O and sensor monitoring system



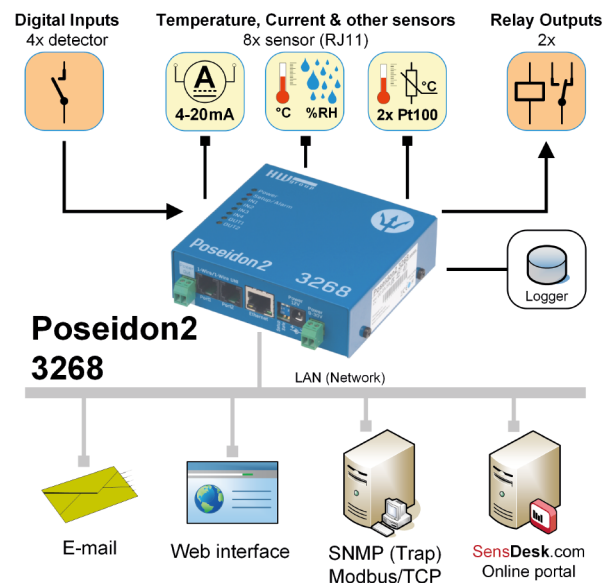
Poseidon2 3268 is a solution for remote environment monitoring and I/O control.

Device can log data, alerts to high temperature by email alarms and can be connected into a cloud sensors system.

Two outputs can be used in a "thermostat" mode.

Supports Modbus/TCP and SNMP.

Poseidon2 3268 can be connected to the SensDesk.com online portal for remote sensors overview.



## Applications

### Temperature monitoring and thermostat function in IT environment

Device can send an SMS or email alarm in case the temperature is too high and also starts the cooling / ventilation at the same time.

### Temperature and humidity measurement in refrigerators and freezers

Relay output can be activated and turn on an alarm light or start a siren in case the temperature gets out of the safe range. For food or medicine storages monitoring.

### Cloud temperature measurement

Poseidon2 3268 can be connected to cloud systems to measure temperature and other values.

### CCTV systems

Values from the sensors and detectors states can be connected to IP camera systems from several manufacturers.

- ✓ Up to 8 external sensors (RJ11)
- ✓ 4 digital inputs for detectors
- ✓ 2 relay outputs (NO/NC)
- ✓ SNMP and Modbus/TCP
- ✓ Connects to SensDesk.com
- ✓ Datalogger for 250 000 values

## Basic features

- Built-in web server for configuration.
- Can be mounted to a wall or to a DIN rail.
- Alerts can be sent as text messages (SMS) via a remote HWg-SMS-GW over the network. No software is needed.
- "Thermostat" function - relay output activated in case the sensors value is out of the safe range.
- Alarms can be sent to 5 different email addresses and 5 phone numbers.
- Can be used in more than 50 3<sup>rd</sup> party software applications (SNMP, SCADA nad more).
- Support for programmers - HWg-SDK.
- Compatible with HWg-Trigger and HWg-PDMS applications.
- Mobile application for Android and Apple products.
- Logs the data to its internal memory. HWg-PDMS can download the logs and store them in a database

## Poseidon2 3268

Digital Inputs (DI)	4
Outputs relay (DO)	2
Sensors (external)	
1-Wire / 1-Wire UNI (2x 60m)	8
SMS-GW client	✓
Modbus/TCP	✓
Logger	250,000 records
SNMP	✓
E-mail alarms (periodic)	✓
HWg-Push	✓

## Compatible sensors

Voltage and current measurements	✓
Temperature (internal and external)	✓
Temperature with Pt100 (converter for external probe)	✓
Illumination sensor	✓
Flood detection (spot)	✓
Water leak (WLD detection cable)	✓
Smoke detector	✓
Door monitoring	✓
Power supply failure/detection (110/230V)	✓

## Physical features

Dimensions	100 x 94 x 25 mm
Power	9-30 V
Temperature/humidity	-30 to 85°C 20-80% R.H.

## Relay outputs

Double-throw relay	1 A
Control	Modbus/TCP/XML/Local condition
Local condition	controlled by sensor value

## Optional accessories



30A Current probe 1W-UNI



Expander 4xDI 1W-UNI



HTemp-1Wire Outdoor 3m



Door contact



Sensor WLD Relay 1W-UNI

<b>Poseidon2 3268</b>	Poseidon2 3268 unit with no accessories.
<b>Poseidon2 3268 Tset</b>	The set includes Poseidon2 3268, power adapter, Temp-1Wire IP67 3m sensor.
<b>Expander 4xDI 1W-UNI</b>	4 additional digital inputs connected as a 1-Wire UNI sensor.
<b>PowerEgg</b>	External unit to detect and control 230 V mains voltage.
<b>Converter 2xPt100 1W-UNI</b>	Converter to connect two PT100 probes.
<b>30A Current probe 1W-UNI</b>	Current probe, 0–30A AC. Line wire runs through the measuring coil (can be opened).