



Poseidon2 3266

Cost-effective model
for remote monitoring
of sensors and detectors



Poseidon2 3266 supports up to **8 sensors** connected over 1-Wire UNI / 1-Wire and up to **4 detectors** connected to digital inputs.



A built-in web server is used for configuring. The device can be **monitored remotely over the internet** using the free SensDesk portal in combination with the SensDesk Mobile application for iOS and Android. It works with HWg-PDMS and HWg-Trigger.



Poseidon2 devices are designed to monitor and control sensors and digital I/O over the network using **secure M2M protocols (HTTPs, IPv6, SNMPv3)**. With support for **over 50 SNMP and SCADA applications**, Poseidon2 devices can be integrated in a wide range of monitoring and control systems. **MQTT protocol** enables integration in IoT solutions.



E-mail
notification



MQTT
protocol

A sensor value out of a set safe range as well as a DI state change sends an **alert by e-mail, SMS, SNMP Trap**, or **activates a remote relay** at another Poseidon2 of Damocles2 unit.

Compatible with a **wide range of third party SW** (SCADA etc.).

With the HWg-PDMS software, **S0 pulses can be converted** to cost per time period and **exported** to MS Excel.

Examples for programmers on using the product are available in the HWg-SDK (Borland C++, MS Visual, VB, C#, PHP, JAVA and more).

Connected via **LAN**. Configuration via **built-in web server**.

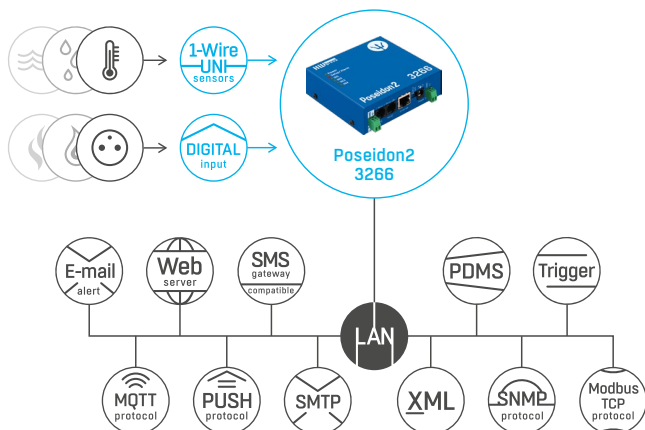
For Ring or SMS alarm use the HWg-Trigger software (external GSM modem required), or a HWg-SMS-GW3 gateway in the same LAN.

All inputs feature **32-bit pulse counters** that **retain their status** even after power failure.

MQTT compatibility allows connecting to IoT Hub, MS Azure, AWS IoT, Bluemix Internet of Things and other cloud services.

Typical application examples

- Remote environmental monitoring in a cabinet, server room or a datacenter
- UPS / back-up generator monitoring
- Industrial applications
- HVAC monitoring
- Cooler and freezer monitoring + alarm indication
- Security and surveillance systems
- Smart buildings



Poseidon2 model comparison

Selected features		4002	3468	3268	3266
Inputs	1-Wire UNI	16	8	8	8
	DI	12	4	4	4
	RS-485	26	-	-	-
Outputs	Relay 250 V / 10 A	-	2	-	-
	Relay 50 V / 1 A	4	-	2	-
	VDO	8	8	8	-
Power	9-30 V	✓	✓	✓	✓
	-48 V	-	✓	-	-
	PoE	opt.	✓	opt.	opt.
Connected	LAN	✓	✓	✓	✓
	RS-232	✓	-	-	-

Versions and related products



Poseidon2 3266
stand-alone device.



Poseidon2 3266 THSet
includes a temperature and humidity sensor, door contact and a power adaptor.



Poseidon2 4002 TSet
includes two temperature sensors, door contact and a power adaptor.



Poseidon2 3468 TSet
includes a temperature sensor and a power adaptor.



Poseidon2 3268 TSet
includes a temperature sensor, door contact and a power adaptor.



HWg-SMS-GW3 Set
SMS gateway for ring and SMS alerting for LAN. Includes antenna and a power adaptor.

Ethernet	
LAN	RJ45 (100BASE-Tx) – 10/100 Mbps
Supported protocols	MQTT (IoT), SNMPv1, SNMPv3, HWg-PUSH, Modbus/TCP, HTTPs, IPv6, XML, netGSM

Inputs	
Sensors	8× 1-Wire UNI/1-Wire
Detectors	4× digital input with SO pulse counters

Dimensions / mass	
Dimensions	100×25×90 mm
Mass	300g
Housing	Metal

Logger	
Internal memory	250,000 records
Recorded values	DI, DO
Power	9–30 V DC; (PoE optional)

User Interface	
Built-in Web server	Device configuration and data readings
SensDesk Portal / SensDesk Mobile application	Cloud portal for data readings and alerting
HWg-Trigger	Alert redirection to SMS, pop-up messages, PC shutdown
HWg-PDMS	Logging of values, graphs, export to MS Excel
More software	Third-party software, HWg-SDK

Configuration interface

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GENERAL

Sensors

Name	ID	Current Value	Safe Range	Hysteresis	Alarm Alert
Sensor 240	19977	16.9 °C	10.0 .. 60.0	0.0	Disabled
Sensor 240	22277	16.9 °C	10.0 .. 60.0	0.0	Disabled
Sensor 241	36630	2 °C	0.0 .. 5.0	0.0	Disabled
Sensor 242	61964	16.3 °C	10.0 .. 60.0	0.0	Disabled
Sensor 242	38137	25.5 °C	10.0 .. 60.0	0.0	Disabled
Sensor 244	44945	24.9 °C	10.0 .. 60.0	0.0	Disabled
Sensor 245	55824	25.4 °C	10.0 .. 60.0	0.0	Disabled

Digital Inputs (DI)

Name	ID	Current Value	Alarm Alert	Counter
Binary 1	1	0(OFF)	Disabled	0
Binary 2	2	0(OFF)	Disabled	0
Binary 3	3	0(OFF)	Disabled	0
Binary 4	4	0(OFF)	Disabled	0
Comm Monitor 1	123	0(OFF)	Disabled	0

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SNMP MIB: MIB
SNMP Object Identifier: OID
XML Schema Definition: XSD

Terminal Config (TCP Setup)

Connect with telnet to: 192.168.100.69 Port 99