

Poseidon

on 3266

Starting Guide - Poseidon 3266 First steps for measuring temperature with Poseidon

1) Connecting Poseidon 3266

1.1) Check DIP switches. For installation, set them as shown in the picture on the right (DIP1=**Off**, DIP2=**Off**).

1.2) Dry contact inputs for connecting contacts. For sensors with Dry Contact outputs (buttons, relay contacts, door contacts)

1.3) Connect power adapter to an outlet (230 / 110V) and to the Poseidon power connector. The connector must be plugged in fully, green LED lights

1.4) Connect temperature or humidity sensor to **IT bus** (<u>Temp-1Wire</u> or <u>Humid-1Wire</u> - RJ12 connector), the connector must click-in.

1.5) Connect Poseidon to Ethernet

- Green POWER LED on RJ45 connector lights up power supply is OK
- Yellow LED on the RJ45 connector blinks connection to 10 Mbit network is OK

Accessories



Door Contact 600 119 **Poseidon T-Box** 600 040

HTemp-Rack19 600 330

Temp-1Wire 1m 600 242

PowerEgg 600 237

<u>600 005</u>	Temp-1Wire 3m	Temperature sensor, 3m cable (1m = 600 242 , 10m = 600 056)
<u>600 311</u>	Temp-1Wire-Outdoor 3m	Temperature sensor for outdoor use, food-safe steel, 3m cable
<u>600 330</u>	HTemp-Rack19	Temp & humidity sensor, installs into a RACK as a 1U device
<u>600 279</u>	Humid-1Wire 3m	Humidity sensor, 3m cable (1m = 600 278)
<u>600 040</u>	Poseidon T-Box	Hub to connect up to 5 sensors, 10cm cable
<u>600 280</u>	Poseidon T-Box2	Hub to connect 2 sensors, 3m cable
<u>600 119</u>	Door Contact	Door contact to detect open door, connects to a Dry Contact input (I1I4)
<u>600 239</u>	Gas Leak Detector	Flammable gas detector, connects to a Dry Contact input (I1I4)
<u>600 240</u>	PowerEgg	Voltage detector, 110/230V (connects to I1I4 on the Poseidon)

2) Configuring the IP address – UDP Config

UDP Config program – in the root folder of the supplied CD (Windows and Linux version).

w.HW-group.com tware -> UDP Config.	HWgro www.HW-group.	Version: 2.2.1 com Setup utility	HW www.hw-grou y for the HW group d	/ group p. com evices Gateway:	vork setting: 192.168 255.255 192.168	s <u>? A</u> bout 1.214 1.255.0 1.1.253 <u>?</u> Eind Devices
Click the icon to run	Device list: MAC	Name	IP	Device type	Port	Parameters
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ODP Coning – the	00:0A:59:03:0D:0A		80.250.21.85	Poseidon model 3265	80	TCP setup=Y
program	00:0A:59:00:AA:E2		192.168.1.61	Unspecified device	23	TCP setup=Y, TEA=N, NVT=Y
automatically	00:0A:59:00:AA:E3		192.168.1.62	Unspecified device	23	TCP setup=Y, TEA=N, NVT=Y
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connected devices	00:0A:59:00:A8:FB		192.168.1.2	Unspecified device	23	TCP setup=Y, TEA=N, NVT=Y
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Click the Find	00:0A:59:03:10:04	Jan test 485	<u>192.168.1.148</u>	Poseidon model 1250	80	TCP setup=Y
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Devices bullon to						
start searching for					-	
devices						

The program looks for devices on your local network. To identify a particular Poseidon unit, look at its MAC address (printed on the label at the bottom of the unit).

Double click a MAC address to open a dialog window with basic device settings.

Set up network parameters

- IP address
- HTTP Port (default is 80)
- Mask
- Gateway IP address
- Name of your device optional

Click the **Apply Changes** button to save the settings.

Note: Contact your network administrator if you are unsure about these settings.

Name:	IP address: 80.250.21.85	Port: 80
	MAC:	
😂 Open in WEB Browser	00:0A:59:03:0D:0A	
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Gateway:	Device type:	
80.250.21.81	Poseidon model 3265	
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0.0.0.0	Enable DHCP	
Default values	Enable TEA authorisat	ion
	Check if new IP addre	ss is empty
X Cancel	C: Apply	changes





3) Configuring the Poseidon with a web browser

Enter the IP address of the device to the address field in your web browser, or run **UDP Config** and click the IP address in the list of devices.



- **Current Value** current reading of the corresponding connected sensor. "-999.9" means that the sensor is not available or was initialized only after the device was powered up.
- Safe Range range of readings considered OK (no alarm).
- Alarm Alert defines, for each sensor, whether alarm alerts are enabled and their destination.
- "For more information" info about the servicing organization, configurable in "Telnet setup".

Reading current values

- **XML** /values.xml file, format described using XSD for download on the main page, detailed comments on XML structure are available in the manual.
- **SNMP** the **poseidon.mib** description file can be downloaded on the main page. The SNMP ports (defaults are 161 and 162) can be changed in Flash setup.
- **Modbus/TCP** structure description is available in the manual and in application examples. Standard port 502 is opened for reading.

4) Flash Setup – Detecting sensors

Click the "<u>Flash Setup</u>" link at the main page to open a graphic configuration interface. **Adobe Flash player** must be installed in your web browser. You can find it on the supplied CD (<u>Poseidon</u> install flash player 7.msi), or download the latest version from the Internet.

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	Name	Sensor ID	Current Value		Range	Hysteresis	Range	Range	
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Detecting the sensors: In the "Sensors Setup" tab, click "Autodetect Sensors".

Flash Setup allows you to:

- Set up sensor names, "safe ranges" for alarms, and alarm alert destinations
- Monitor current sensor readings, set a refresh interval
- Select temperature units (°C, °F, °K)
- Set current time and specify a NTP server for time synchronization
- Set SNMP parameters (Community names & rights), define targets for SNMP traps
- Set up alarm alerts via email and test them
- Set up security features: names and password, IP ranges

Further information is available in the manual or at www.HW-group.com

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