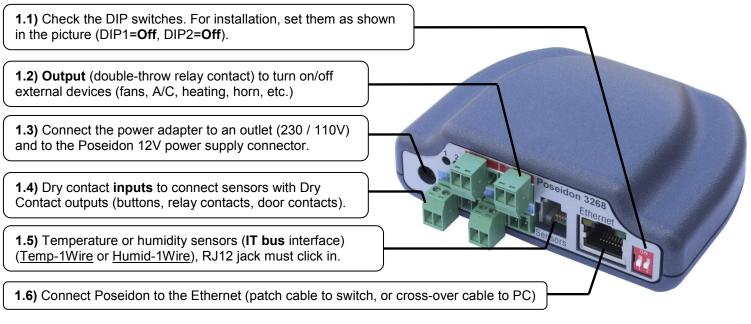
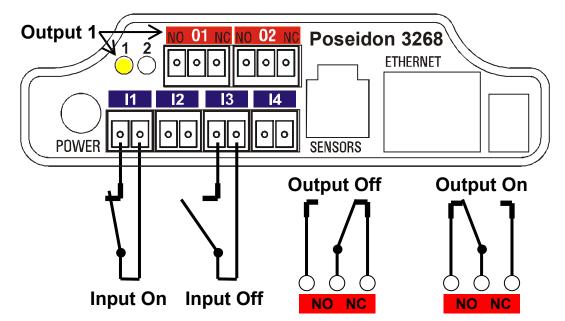


Starting Guide – Poseidon 3268 First steps for I/O & temperature control with Poseidon

1) Connecting the Poseidon 3268



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



Accessories

<u>600 239</u>	Gas Leak Detector	Flammable gas detector, 12V, Dry Contact output
<u>600 240</u>	Flood detector	Water level detector, Dry Contact output
<u>600 005</u>	Temp-1Wire 3m	Temperature sensor, 3m cable (1m = 600 242 , 10m = 600 056)

Poseidon 3268 - starting guide

Door Contact

600 119

600 311

600 330

600 279

600 040

600 280

HW group

Humid-1Wire 3m

600 279

600 240 PowerEgg	Power detector / control - I1I4 of a Poseidon) and			0	•		3)
2) Configuring the IP a	•	UDP Setup 2.2.0 for HW group prod	ucts (www.hw-gro	up.com)			
The UDP Config executable supplied CD (Windows and Li downloaded at <u>www.HW-grou</u>	inux version), or it can be	Version: 22.1 Setup ut Device list	H www.hw-gro tilly for the HW group	Netmask:	vork settings 192.168. 255.255. 192.168.	1.214 ? Abou 255.0	
Config.		MAC Name 00:04:59:01:E0:3C 00:04:59:03:00:04 00:04:59:03:00:04 00:04:59:00:04 00:04:59:00:04:E2 00:04:59:00:04:E3	IP 80.250.21.88 80.250.21.85 192.168.1.61 192.168.1.62	Device type IP Watchdog lite Poseidon model 3265 Unspecified device	Port 99 80 23 22	Parameters TCP setup=Y TCP setup=Y TCP setup=Y, TEA=N, NVT TCP setup=Y, TEA=N, NVT	

Humidity sensor, 3m cable (1m = 600 278)

Hub to connect up to 5 sensors, 10cm cable

Hub to connect 2 sensors, 3m cable

HTemp-Rack19

600 330

Click the icon to run UDP Config. The program automatically starts searching for connected devices.

Poseidon T-Box

600 040

Temp-1Wire-Outdoor 3m

HTemp-Rack19

Humid-1Wire 3m

Poseidon T-Box

Poseidon T-Box2

Click the Find Devices button 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

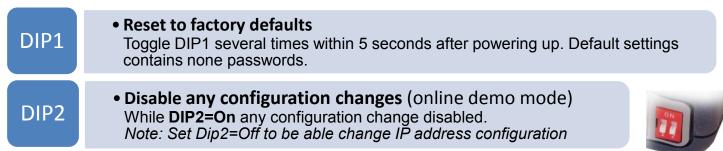
click a MAC address to open a dialog window with basic device settings.

Configure network parameters

- IP address / HTTP Port (default is 80)
- Network mask
- Gateway IP address
- Device name (optional)

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

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



HWg svor.HW-gro		Hv www.hw-grou ity for the HW group d		Vour PC netwo IP address: Netmask: Gateway:	192.168 255.255 192.168	1.214 <u>? About</u> .255.0
Device list:						
MAC	Name	IP	Device typ	pe	Port	Parameters
00:0A:59:01:E0:	30	80.250.21.88	IP Watch	dog lite	99	TCP setup=Y
00:0A:59:03:0D:	0A	80.250.21.85	Poseidon	model 3265	80	TCP setup=Y
00:0A:59:00:AA:	E2	192.168.1.61	Unspecifie	ed device	23	TCP setup=Y, TEA=N, NVT=Y
00:0A:59:00:AA:	E3	192.168.1.62	Unspecifie	ed device	23	TCP setup=Y, TEA=N, NVT=Y
00:0A:59:00:AC:	48	192.168.1.65	Unspecifie	ed device	23	TCP setup=Y, TEA=N, NVT=Y
00:0A:59:00:AC:	49	192.168.1.64	Unspecifie	ed device	23	TCP setup=Y, TEA=N, NVT=Y
00:0A:59:00:A8:	FB	192.168.1.2	Unspecifie	ed device	23	TCP setup=Y, TEA=N, NVT=Y
00:0A:59:03:0E>	۹F	80.250.21.87	Damocles	model MINI	80	TCP setup=N
00:0A:59:03:0C:	20	80.250.21.84	Poseidon	model 1250	80	TCP setup=Y
00:0A:59:03:10:0	04 Jan test 485	192.168.1.148	Poseidon	model 1250	80	TCP setup=Y
00:0A:59:03:0C-	48	80.250.21.86	Damocles	model 2404	80	TCP setup=Y

Temp-1Wire 1m

600 242

Temperature sensor for outdoor use, food-safe steel, 3m cable

Temp & humidity sensor, installs into a RACK as a 1U device

Power detector / control - 110/230V mains voltage detector (connect to

Name:	IP address:	Port:		
	80.250.21.85	: 80		
	MAC:			
🅭 Open in WEB Browser	00:04:59:03:0D:0A			
fask:	FW version:			
255.255.255.240	3.0.2			
Bateway:	Device type:			
80.250.21.81	Poseidon model 3265			
Enable IP access filter	DHCP:			
	Not supported			
IP filter value:	Enable NVT			
0.0.0.0	1			
IP filter mask:	Enable TCP setup	<u>O</u> pen		
0.0.0.0	Enable DHCP			
Default values	Enable TEA authoris	ation		
🥳 Load defaults				
	Check if new IP addr	ess is emp		
X Cancel	CT Appl	y 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.

evice IP add	Iress		input No.		at the last update	Alarm definition each inpu	-
)://192.168.5.79			/	• • × 🚥	gle	<u> </u>
			Poseidon	model 3268			
			Dry Cor	itact Inputs		/	
	Name	Nur		urrent Value	Alarm Aler	t	
	Binary 1	I	1	0 (Off)	Disabled		
 	Binary 2	I	2	0 (Off)	Disabled	Alert to a rea	Alert to a reading out of the safe range
sensor ID number)	Binary 3	I	3	0 (Off)	Disabled		
			Se	ensors			
Name		ID Curre		ue Safe	Range	Alarm Alert	
Sensor 240		61423	22.6 °C	10.0 .	60.0	Disabled	
 Wel	vice name: b Configuratio minal Configu nware:	ration (TCP	Setup): C	ash Setup connect with Telnet t ersion: 3.0.3 (<u>upda</u>	ite) / <u>MIB</u> / <u>XSD</u>	Description	
 		For r	nore information	n try <u>www.HW-group</u>	p.com	This text can be ch	

- **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".

Retrieving current readings

- **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 from 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, or in application examples. Standard port 502 is open 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.

• 🙋	http://192.168.5.79/	/index2.htm	orer		•	🤸 🗙 😡	gle	
neral	General Setup	SNMP Setup	Sensors Setup	Email & SM	IS Setup	Log & Time	Info	Index Page
			ontact Inputs ontact Inputs stat	te reaction		Send SNMP Tr	ap + Email & SMS	3
	W		Name			Current Val	lue Alarm Sta	te
Dr	oseidon	Binary		/		0 (Off)	Active if Off	•
	Jocidon	Binary	/			0 (Off)	Active if On	
		Binary				0 (Off)	Inactive	
		Binary	14			1 (On)	Inactive	
	Name	Sensor II 61423				Hysteresis Idle Range	SNMP Trap Ema	
Se Se	nsor 240	61/22						
		01423	22.5 °C	10.0	- 60.0	0.0		
		01423		pply Change		. 0.0	Autodetect Ser	
		01423				. 0.0		

Detecting the sensors

In the "Sensors Setup" tab, click "Autodetect Sensors" in the lower right-hand corner.

Controlling the outputs

In the "<u>General Setup</u>" tab, in the "<u>Output Settings</u>" section in the upper left-hand corner, set an output value and click "Apply Changes".

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



For more information about the configuration, see the manual or visit <u>www.HW-group.com</u>.