

Starting Guide - Poseidon 3266 THset

First steps with temperature, humidity and open door measuring

Poseidon 3266 THset package contains:

- Poseidon model 3266 [S600 252]
- Poseidon T-Box2 [S600 280]
- Temperature probe Temp-1Wire 3m [S600 005]
- Humidity probe Humid-1Wire 3m [S600 279]
- Door contact [S600 119]
- Power adapter 12V [S600 080]
- “Starting Guide“, CD with documentation, manual and Software



1) Connecting of Poseidon 3266 THset

1.1) Check DIP switch. Installation position has to be same like in the picture (DIP1=Off, DIP2=Off).

1.2) Four inputs are designed for the contact connecting. Connect the door sensor – part of the start set.

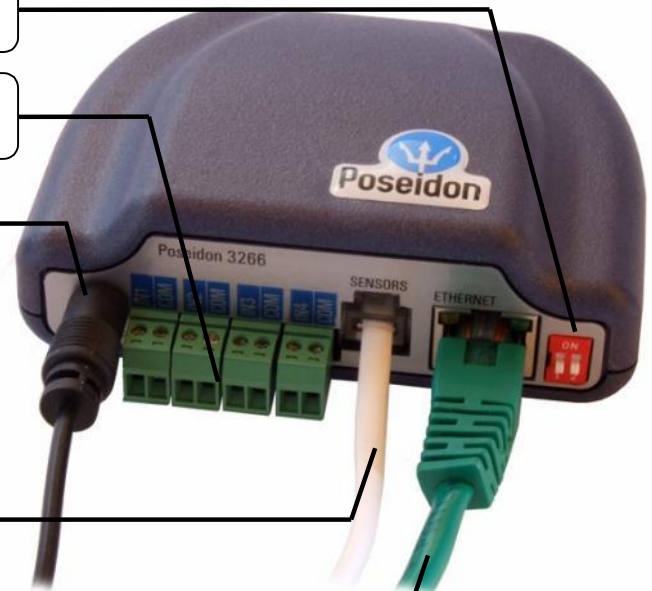
1.3) Connect the power adapter to power socket (230 / 110V) and connect it to Poseidon power connector.



1.4) Connect temperature and humidity sensors to T-Box2 switch.

1.5) Connect the cable of T-Box2 switch into SENSORS (RJ12) connector, the connector must click.

1.6) Connect Poseidon to Ethernet (direct cable to Switch, crossed to PC)



2) IP address setting - PnEye

- Installation file of **PN Eye** program you can find on enclosed CD in `\Poseidon\model 3266\PN_Eye` directory, the last program version you can find on www.HW-group.com search for the **Poseidon 3266** product.
- Install **PN Eye** program – follow installation wizard.

- After successful installation, PN Eye icon will appear on your desktop. Click it for run **PN Eye**.



On the first bookmark click the **Find Devices** (Search for device).

The program will find the devices in your local network. Poseidon identifies itself via MAC address written on the label on the bottom side.

Click MAC address to select the device..Now configure network parameters.

IP Address	MAC Address
192.168.1.6	00:0A:59:03:03:29
192.168.1.99	00:0A:59:03:08:29

Note: In case you don't know them, contact your admin.

- Set up IP address and HTTP Port
- Mask of your network
- Gateway IP address

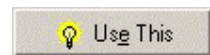
Click the **Apply Changes** button to save changes.

Module IP: 192.168.1.20 | HTTP Port: 80
 IP Mask: 255.255.255.0
 IP Gateway: 192.168.1.1
 Enable DHCP
 Enable TCP setup
 Apply Changes

Click **Select device from list** button to select device for work with it.

Select device from list
 Device IP: 192.168.1.20 | HTTP Port: 80 | Use This

The device IP address and http Port will appear in the window next to **Use This** button.



By click **Use This** button, PN Eye will start to use selected device and will switch to bookmark with sensor values.

On the page of sensors, there is overview of all connected sensors in „**Sensors list**“ – see the picture.

Click to **Read values now** to read actual sensor value.

HW Poseidon Eye 1.2.14 (beta) - 192.168.1.20 - Poseidon 1140

Assign IP Address | Device's Setup | **Sensors** | Alarms | PN Eye Settings

Name	Value	ID	Alarm	Safe range	Status
<input type="checkbox"/> Binary 1	OFF		Disabled		OK
<input type="checkbox"/> Binary 2	OFF		Disabled		OK
<input type="checkbox"/> Binary 3	OFF		Disabled		OK
<input checked="" type="checkbox"/> Sensor	22.6 °C	10496	No	-10 .. 40	OK

Copy values to the clipboard

Reload values:
 Automatic reload every 20 seconds
 Waiting to reload 16 seconds... 20%
 Apply | Read values now

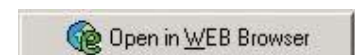
Save values to the logfiles:
 View CSV logfile | View XML logfile

Poseidon2 functions:
 Load internal logfile... | Delete internal logfile

Waiting... | No sensor in alarm | 21:22:44

3) Poseidon configuration – Web browser

- 3.1) Write in your web browser IP address of device or run **PN Eye**, „Assign IP Address“ bookmark, click **Open in WEB Browser** button.



3.2) WWW page Poseidon 3266

Dry Contact Inputs

Name	Number	Current Value	Alarm Alert
Binary 1	I1	0 (Off)	Disabled
Binary 2	I2	1 (On)	Disabled
Binary 3	I3	0 (Off)	Disabled
Binary 4	I4	0 (Off)	Disabled

Sensors

Name	ID	Current Value	Safe Range	Alarm Alert
Sensor 240	39680	26.5 °C	10.0 .. 60.0	Disabled

Device name: Poseidon
 Web Configuration: [Flash Setup](#)
 Terminal Configuration (TCP Setup): Connect with Telnet to [192.168.1.58 Port 99](#)
 Firmware: Version: **1.0.3** ([update](#)) / [MIB](#) / [XSD](#)

For more information try [www.HW-group.com](#)

- **Current Value** – current value of connected sensor. „-999.9“ value means that the sensor is not available or is initializing after start.
- **Safe Range** – Sensor’s value range out of Alarm.
- **Alarm Alert** – defined for sensor, monitoring of safe range switched on and where alert of exceeding “Safe Range” and Alarm status are sent (inputs for contacts).
- **„For more information ..“** – Contact for service organization, you can change it from „Telnet setup“.

3.3) Reading of current values

- **XML** – **values.xml** file, format described using XSD – for download on the main page, detailed comments of XML structure are in the manual.
- **SNMP** – describing file of **poseidon.mib** you can download from main page, Standard SNMP port 161 and 162 can be configured in Flash setup.
- **Modbus/TCP**– structure description is in the manual or in application examples. Standard port 502 is opened for reading.

4) Flash Setup configuration

After the click „**Flash Setup**“ link from WWW page, the graphic configuration version in browser is opened. **Macromedia Flash player** in web browser must be installed. If you don't have it, you can download his last version from Internet or find it on CD:

[\Poseidon\install_flash_player_7.msi](#)

The screenshot displays the Poseidon web interface with the following data:

Name	Number	Current Value	Alarm Alert
Binary 1	1	0 (Off)	Active if Off
Binary 2	2	1 (On)	Inactive
Binary 3	3	0 (Off)	Active if On
Binary 4	4	0 (Off)	Inactive

Name	Sensor ID	Current Value	SafeRange	Alarm Alert
Sensor 240	39680	24.0 °C	10.0 .. 60.0	Inactive

Values reloaded 0 times. Reload values every 5 [s] Start

Using Flash setup you can:

- Setup names of sensors, „Safe Range“ for alarm and where Alarm alert will be sent.
- Monitor current values, refresh in seconds.
- Select temperature units (°C, °F, °K)
- Setup actual time and NTP server for synchronize the time.
- Setup SNMP parameters (Community names & rights) and define where to send SNMP Traps
- Setup Alarm alert via email and test it.
- Setup security elements: Names and password, ranges of IP addresses



More information can be found in manual.