

Starting Guide - Poseidon 3262 Tset

First steps with Poseidon temperature measuring

The Poseidon 3262 Tset [S600 257] contains:

- Poseidon model 3262 unit [S600 166]
- Temperature probe Temp-1Wire 3m [S600 005]
- Power adapter 12V [S600 080]
- Starting Guide“
- CD with documents, manual and Software



1) Connecting of Poseidon 3262 Tset

1.1) Check DIP switch configuration. Installation position must be the same like on the picture (DIP1=Off, DIP2=Off).

1.2) You don't need serial port RS-232. You can refresh forgotten password, configure IP address etc, see manual.

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

1.4) Connect the supplied temperature probe Temp-1Wire (RJ12), connector must click.

1.5) Connect the Poseidon to Ethernet (direct cable to Switch, crossed to PC).



- Green POWER on the connector RJ45 will light up – power supply is OK
- Yellow LED on the connector RJ45 will blink – connection to 10 Mbit network is OK

2) IP address setting - PnEye

- Installation file of **PN Eye** program can be found on the enclosed CD in `\Poseidon\model1 3262\PN_Eye` directory, the last version on www.HW-group.com, search for **Poseidon 3262 / 3265** product.

- Install **PN Eye** program – follow installation wizard.
- After successful installation, new PN Eye icon will appear on your desktop.
- Click it to run **PN Eye** program.



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

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

By click MAC address, you select the device..

Now configure network parameters.

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

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

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

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

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

Click **Use This** button, PN Eye will start to use selected device and you 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 **Read values now** button to read actual sensor value.

For automatic values refresh in defined time, check off **Automatic reload every seconds** and set up the period. The program updates the sensor values in selected period and after reading, saves actual values to log file.

Note: Optional method for setup of IP address:

- *UDP Setup* (/UDP_setup/UDPsetup.exe)
- *Hercules Setup* (/HerculesSetup.exe)
- Serial port RS-232 (any terminal, DIP1=ON, 9600 8N1)

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

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

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

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

Sensors list

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...
 Read values now

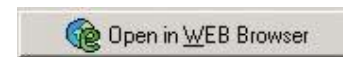
Save values to the logfiles
 View CSV logfile
 View XML logfile

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 the IP address of the device or run **PN Eye**, „Assign IP Address“ bookmark, click the **Open in WEB Browser** button.



3.2) WWW page Poseidon 3262

Device IP address

Unique sensor ID (serial number)

Sensor's safe range

Value out of safe range alert

Poseidon model 3262

Name	ID	Current Value	Safe Range	Alarm Alert
Sensor 240	39680	23.8 °C	10.0 .. 24.0	Email and SNMP trap

Device name: Poseidon

Web Configuration: [Flash Setup](#)

Terminal Configuration (TCP Setup): Connect with Telnet to [192.168.5.59 Port 99](#)

Firmware: Version: [1.0.3 \(update\)](#) / [MIB](#) / [XSD](#)

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

Device name

Detailed „Flash setup“ configuration

Description of **SNMP MIB** and **values.XML** structures

Special configuration „Telnet setup“

- **Current Value** – current value of connected sensor. „-999.9“ value means that the sensor is no available or is initializing after start.
- **Alarm Alert** – defined for sensor, monitoring of “Safe Range” is turned on/off, where alert of range exceeding and Alarm status is sent (inputs for contacts).
- „For more information ..“ – Contact to service organization, this can be changed from „Telnet setup“.

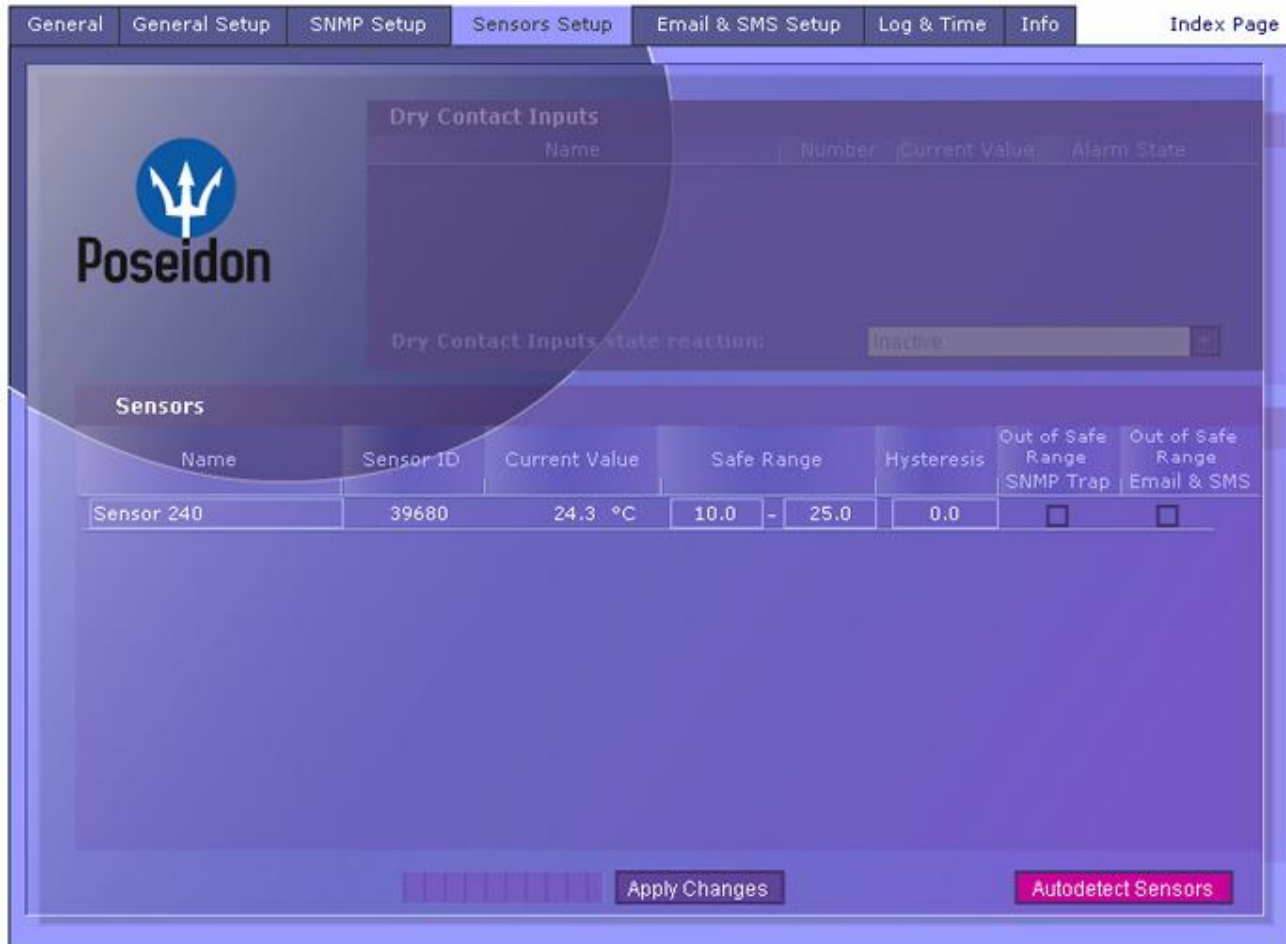
3.3) Reading of current values

- **XML** – file **values.xml**, format described using XSD – for download on the main page, detailed comments to XML structure are in the manual.
- **SNMP** – describing file of **poseidon.mib** you can download on the main page. Standard SNMP ports 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](#)



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.