

# Starting Guide – Poseidon 3262

## First steps for remote temperature & humidity monitoring

### 1) Connecting the Poseidon 3262

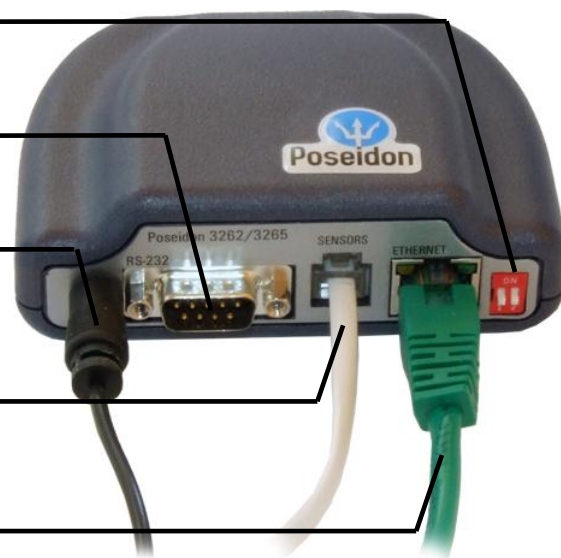
**1.1)** Check the DIP switches. For installation, set them as shown in the picture (DIP1=Off, DIP2=Off).

**1.2)** RS-232 serial port for configuring the device.

**1.3)** Connect the power adapter to a mains outlet (230 / 110V) and to the Poseidon power connector. The jack must be plugged all the way in. The green LED lights up.

**1.4)** Connect temperature or humidity sensor to the **IT bus** (Temp-1Wire or Humid-1Wire – RJ12 jack). The jack must click in.

**1.5)** Connect Poseidon to the Ethernet (using a patch cable to a switch, cross-over cable to a PC)



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

### Accessories



**Temp-1Wire-Outdoor 3m**  
600 311

**Poseidon T-Box**  
600 040

**Poseidon T-Box2**  
600 280

**Temp-1Wire 1m**  
600 242

**HTemp-Rack19**  
600 330

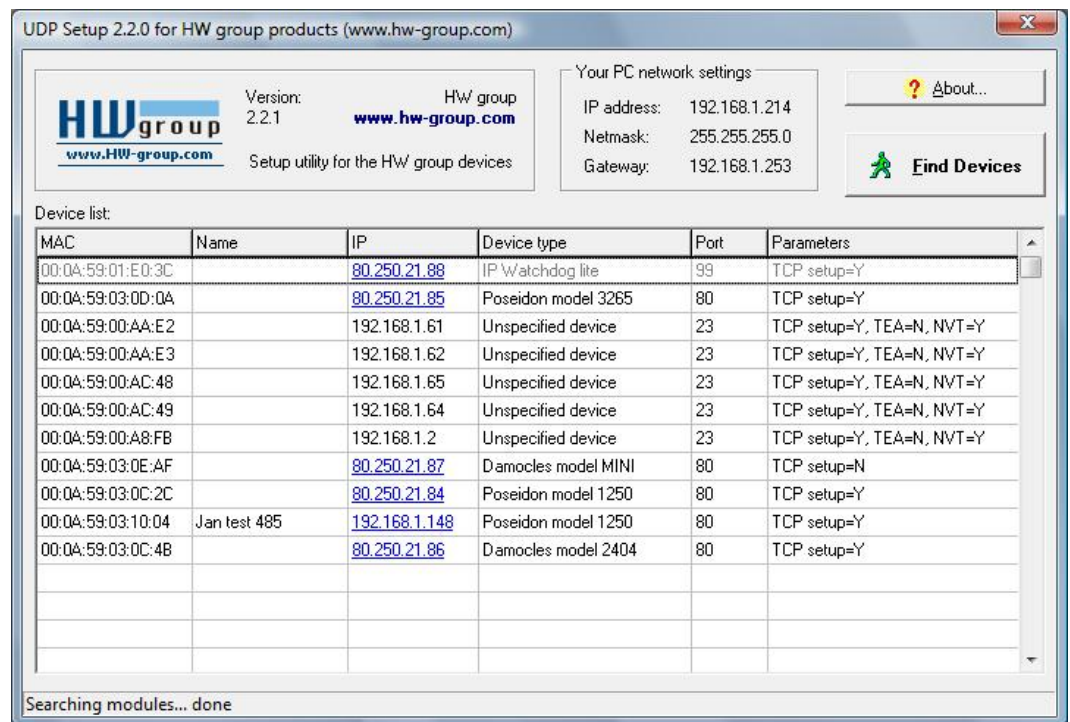
<a href="#">600 166</a>	<b>Poseidon 3262</b>	Poseidon 3262 unit
<a href="#">600 257</a>	<b>Poseidon 3262 Tset</b>	Quick start set – contains a temperature sensor, AC adapter, etc.
<a href="#">600 242</a>	<b>Temp-1Wire 1m</b>	Temperature sensor, 1m cable
<a href="#">600 005</a>	<b>Temp-1Wire 3m</b>	Temperature sensor, 3m cable
<a href="#">600 056</a>	<b>Temp-1Wire 10m</b>	Temperature sensor, 10m cable
<a href="#">600 311</a>	<b>Temp-1Wire-Outdoor 3m</b>	Stainless steel outdoor temp sensor (–30°C to 120°C), 3m cable
<a href="#">600 279</a>	<b>Humid-1Wire 3m</b>	Humidity sensor, 3m cable (1m= 600 278)
<a href="#">600 333</a>	<b>Humid-1Wire 10m</b>	Humidity sensor, 10m cable
<a href="#">600 330</a>	<b>HTemp-Rack19</b>	Temp + humidity sensor, fits into a 1U rack slot
<a href="#">600 040</a>	<b>Poseidon T-Box</b>	Hub to connect 5 IT bus sensors to a Poseidon unit
<a href="#">600 280</a>	<b>Poseidon T-Box2</b>	Hub to connect 2 IT bus sensors to a Poseidon unit

## 2) Configuring the IP address – UDP Config

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

The program can be downloaded from [www.HW-group.com](http://www.HW-group.com)  
Software -> **UDP Config**.

- Click the icon to run **UDP Config** – the program automatically searches for connected devices
- 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.

### 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.



**DIP1**

#### • Reset to factory defaults

Toggle DIP1 several times within 5 seconds after powering up. Default settings contains none passwords.

**DIP2**

#### • Disable any configuration changes (online demo mode)

While **DIP2=On** any configuration change disabled.

*Note: Set Dip2=Off to be able change IP address configuration*



### 3) Configuring the Poseidon with a web browser

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

#### 3.2) Main WWW page of Poseidon 3262

The screenshot shows the web interface of the Poseidon model 3262. The browser is Microsoft Internet Explorer. The address bar shows the URL `http://192.168.5.59/`. The page title is "Poseidon model 3262". The main content area displays a table of sensors and configuration links.

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

Below the table, there are links for "Flash Setup", "Telnet Configuration (TCP Setup)", and "Firmware". A footer section provides contact information and a link to [www.HW-group.com](http://www.HW-group.com).

Annotations in the image point to the following elements:

- Device IP address: `http://192.168.5.59/`
- Unique sensor ID (serial number): 39680
- Sensor safe range: 10.0 .. 24.0
- Alert when a reading is out of safe range: Email and SNMP trap
- Device name: Poseidon
- "Flash setup" (detailed configuration): [Flash Setup](#)
- Description of SNMP MIB and values.XML structures: [MIB](#) / [XSD](#)
- "Telnet setup" (special configuration): [Connect with Telnet to 192.168.5.59 Port 99](#)

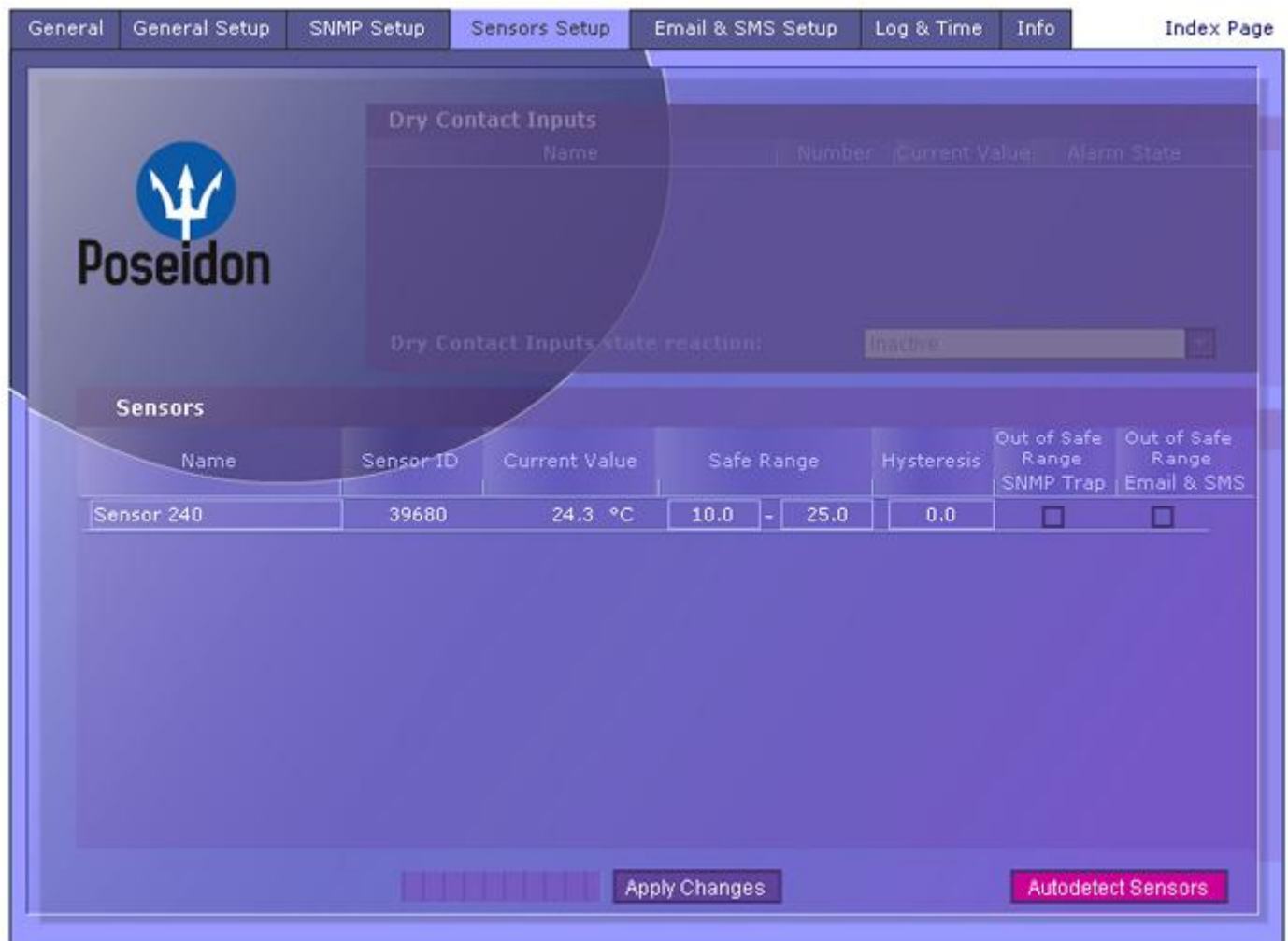
- **Current Value** – Current reading of the corresponding connected sensor. “-999.9” means that the sensor is not available or was initialized only after the device was powered up.
- **Alarm Alert** – Alarm settings defined for the sensor: whether alarm is activate upon exceeding the “Safe Range”, destination of alarm alerts.
- **“For more information”** – Contact information about the servicing organization. This text can be changed in “Telnet setup”.

#### 3.3) Retrieving current readings

- **XML** – via the **values.xml** file. Its format is defined in the XSD file downloadable from the main page. Detailed explanation of the XML structure is 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.

## 4) Flash Setup configuration

Click the “**Flash Setup**” 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 (\Poseidon\install flash player 7.msi), or download the latest version from the Internet.



### Flash Setup allows you to:

- Set up sensor names, “safe ranges” for alarms, and alarm alert destinations
- Monitor current sensor readings, refreshed with specified frequency
- 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: usernames and passwords, IP ranges



For more information, see the manual or visit [www.HW-group.com](http://www.HW-group.com).