

PosDamIO

Windows/Linux command-line utility for controlling Poseidon & Damocles

Poseidon Damocles I/O is a command-line utility for Windows and Linux that allows you to control Poseidon and Damocles units over the XML interface. The utility can display the states of sensors, inputs and outputs, as well as set an output high or low.

The PosDamIO utility is intended for applications and scripts that need a simple way of controlling or reading remote sensors, digital inputs and digital outputs. You can modify the utility to suit your needs – it is included in the HWg SDK.

Supported devices

- All Poseidon models
- All Damocles models

Basic functions

- Dump the states of sensors, digital inputs and outputs to the screen, or to a file
- Set the state of an output with a command-line command
- Read the state of an input and set the ErrorLevel return value accordingly
- Download or upload the setup.xml configuration file – easy device cloning

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C:\WINDOWS\system32\cmd.exe
F:\DanPosIO\posdamio>posdamio
Usage: posdamio [OPTIONS] IP_ADDRESS [PORT <default: 80>]

Options:
-g, --get                Get actual values and print list
-o, --output X=Y        Set output X (<1..64>) to value Y (<0, 1, OFF, ON>)
-f, --filename SETUP.XML File with configuration for uploading to the
                        remote device (max. 20000 bytes)
-v, --values VALUES.XML File to store actual values in XML format
-s, --setup SETUP.XML  File to store remote device configuration
-t, --text DATA.TXT   File to store actual values in text format
-u, --user USER        HTTP authorization user
-p, --password PASSWORD HTTP authorization password
-h, --help              Print this help and exit
--version              Display version information and exit
--error-level          Print error levels and exit

Examples:
posdamio -g 192.168.0.41
posdamio -s c:\data\setup.xml -v c:\data\values.xml 192.168.0.41
posdamio -o 1=ON 192.168.0.41
posdamio -o 1=1 192.168.0.41 8080
posdamio -f setup.xml 192.168.0.41

F:\DanPosIO\posdamio>posdamio -o 1=1 192.168.1.144
192.168.1.144:80 connecting. OK
SET output 1=1. OK
exit

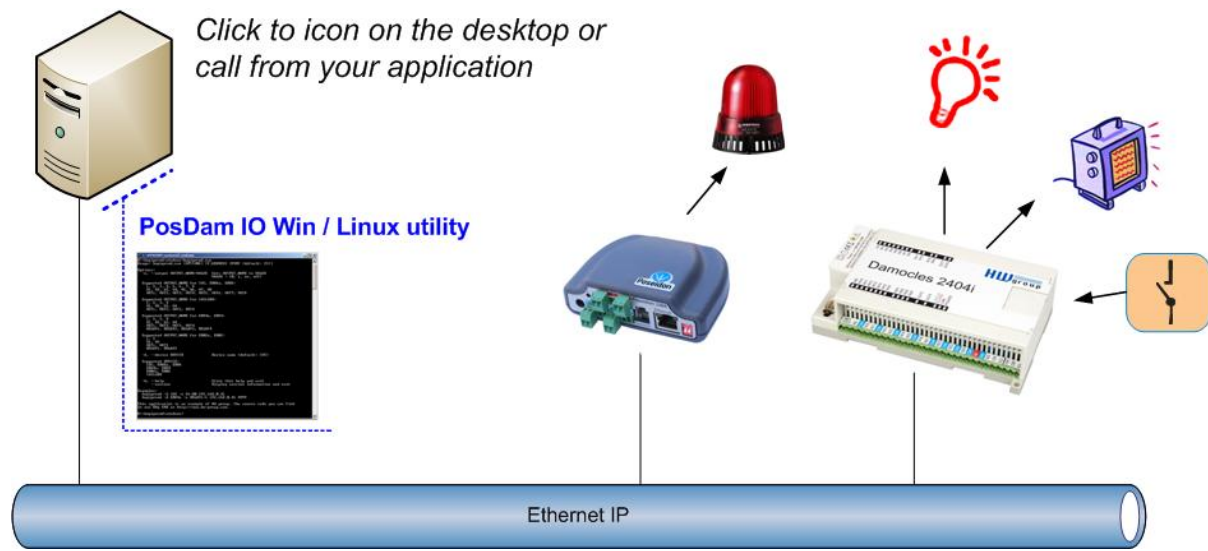
F:\DanPosIO\posdamio>posdamio 192.168.1.144
192.168.1.144:80 connecting. OK
GET setup.xml. OK

DATE      TIME      Device_NAME      Device_IP
01.01.1970 03:05:19 Poseidon 3268      192.168.1.144
-----
ID  Name      Value Unit ALARM  Safe Range
-----
ALARM state:
33398 Sensor 240 26.8 C Active 10.0 .. 25.3

Sensors:
1 BinOut 1      ON
2 BinOut 2      OFF
1 Ustup 1       OFF      Inactive
2 Renamed In 2 OFF      Inactive
3 Binary 3      OFF      Inactive
4 Binary 4      ON       Inactive
33398 Sensor 240 26.8 C Active 10.0 .. 25.3

Poseidon 3268: http://192.168.1.144
exit
F:\DanPosIO\posdamio>

```



Examples of use:

- PosDamIO -o 1=ON 192.168.0.41 8080
- PosDamIO -f Pos_outdoor_setup.xml 192.168.0.41