

## Sensor check and reset

- in config mode

### Sensor status check

First check the SMU ID with command: “display emu” then press enter two times.

The standard ID for the SMU is “0” but always double check.

```
NNI06(config)#display emu
{ <cr>|baudrate<K>|emuid<U><0,127> }:

Command:
    display emu
EMU parameter
-----
  ID  Type          State      |  ID  Type          State
-----|-----
  0   SMU           normal    |  1   FAN           normal
  2   -              -         |  3   -             -
  4   -              -         |  5   -             -
  6   -              -         |  7   -             -
  8   -              -         |  9   -             -
  10  -              -         |  11  -             -
  12  -              -         |  13  -             -
```

After checking the SMU ID we select the interface with command: “interface emu 0” where “0” is the ID of the SMU interface which we need to select to check the sensors.

```
NNI06(config)#interface emu 0
NNI06(config-if-smu-0) #[]
```

When on the interface we can check the sensor state with command: “display power alarm”

```

NNI06(config-if-smu-0)#display power alarm

EMU ID: 0                                Power alarm information
-----
AC supply yes      : Yes                  AC supply lack : Normal
DC voltage lack   : Normal
Load fuse         : Connect
Battery-high-temperature-off : On      Battery-lack-voltage-off : On
Battery loop      : Connect
Battery Temperature alarm : Normal
Module 0          : Normal
Module 1          : Normal
Door alarm        : Normal
Smoke alarm       : Normal
Environment Temperature : Normal
Battery Dectect   : Normal
Battery 1 Temp-Sensor : Normal
Environment Humidity-Sensor : Invalid
-----  

Water alarm        : Alarm
Wiring alarm       : Normal
-----  

DigitalID Name           State |DigitalID Name           State
Spare Dig0(BATT_Breaker_SW00) Normal|Spare Dig1           Normal
Spare Dig2             Normal|Spare Dig3(SPD)         Normal
Spare Dig4             Normal|Spare Dig5(HEX)         Normal
Spare Dig6(MDF-door)    Normal

```

The water detect sensor has an alarm so we will zoom in on that that sensor.

## 8.2 Sensor reset

- Check if the monitor is enabled with command: “display outside-digital private-alarm”

```

Command:
    display outside-digital private-alarm

EMU ID: 0
-----
Out_digital_ID Name      Alarm-Index  Alarm-Name
  0     BATT_Breaker_SW00 -          -
  1     -                  -          -
  2     -                  -          -
  3     SPD                20         Arrestor
  4     -                  -          -
  5     HEX                13         Fan
  6     MDF-door          9          Room door
-----
Default_digital Monitor
Door      Enable
Water    Enable
Smoke    Enable
wiring   Enable

```

-Deactivate the sensor with the command: “power outside-digital water monitor disable”

-Check the status:

```
Command:  
        display outside-digital private-alarm  
  
EMU ID: 0  
-----  
Out_digital_ID Name          Alarm-Index  Alarm-Name  
    0      BATT_Breaker_SW00   -           -  
    1      -                  -           -  
    2      -                  -           -  
    3      SPD                20          Arrestor  
    4      -                  -           -  
    5      HEX                13          Fan  
    6      MDF-door          9           Room door  
-----  
Default_digital Monitor  
Door      Enable  
Water     Disable  
Smoke     Enable  
Wiring    Enable
```

-Activate the sensor with the command: “power outside-digital water monitor enable”

-Check the status:

```
NNI06(config-if-smu-0)#display outside-digital private-alarm  
  
EMU ID: 0  
-----  
Out_digital_ID Name          Alarm-Index  Alarm-Name  
    0      BATT_Breaker_SW00   -           -  
    1      -                  -           -  
    2      -                  -           -  
    3      SPD                20          Arrestor  
    4      -                  -           -  
    5      HEX                13          Fan  
    6      MDF-door          9           Room door  
-----  
Default_digital Monitor  
Door      Enable  
Water     Enable  
Smoke     Enable  
Wiring    Enable
```