

# Heatmiser Netmonitor

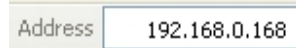
## User Guide

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# 1 Logging in to your Netmonitor

## From within your Local Network

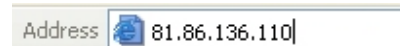
You should open your internet browser and enter the IP address of your Netmonitor



Address 192.168.0.168

## From over the Internet

You should open your internet browser and enter the WAN IP of your router. If you are unsure what this is, you need to contact your ISP.



Address 81.86.136.110

We assume that you have set-up your router for Port Forwarding (See Initial Setup)  
If you have configured this correctly, you should see the Netmonitor Login Screen.

## Default Settings

User Name: admin

Passcode: admin

To ensure the security of your system, we recommend you set your own username/password.



heatmiser

Username

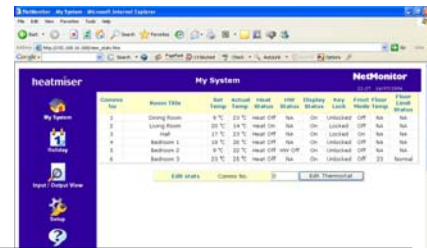
Password

Login



## 2 My System

When you have logged into your Netmonitor you will be presented with a screen like shown here.



| Comms No | Room Title  | Set Temp | Actual Temp | Heat Status | HW Status | Display Status | Key Lock | Frost Mode | Floor Temp | Floor Limit Status |
|----------|-------------|----------|-------------|-------------|-----------|----------------|----------|------------|------------|--------------------|
| 1        | Dining Room | 9 °C     | 23 °C       | Heat Off    | NA        | On             | Unlocked | Off        | NA         | NA                 |
| 2        | Living Room | 20 °C    | 14 °C       | Heat On     | NA        | On             | Locked   | Off        | NA         | NA                 |
| 3        | Hall        | 17 °C    | 23 °C       | Heat Off    | NA        | On             | Locked   | On         | NA         | NA                 |
| 4        | Bedroom 1   | 18 °C    | 26 °C       | Heat Off    | NA        | On             | Unlocked | Off        | NA         | NA                 |
| 5        | Bedroom 2   | 9 °C     | 22 °C       | Heat Off    | HW Off    | On             | Unlocked | Off        | NA         | NA                 |
| 6        | Bedroom 3   | 23 °C    | 25 °C       | Heat Off    | NA        | On             | Unlocked | Off        | 23         | Normal             |

- Comms No:** This relates to the unique communication number set in the thermostat. For more information on setting this, see the thermostat manual.
- Room Title:** This is the title of the room.
- Set Temp:** This is the set temperature in this thermostat
- Actual Temp:** This is the actual temperature for this thermostat
- Heat Status** This is the status of the heating (Either On or Off)
- HW Status** This is the status of the hot water (Either On or Off)
- Display Status** This is the status of the display (Either On or Off)
- Key Lock** This is the status of the key lock (Either Locked or Unlocked)
- Frost Mode** This is the status of the Frost Mode (Either On or Off)
- Floor Temp** This is the floor temperature (Only displayed when a thermostat with a floor sensor is connected)
- Floor Limit Status** This is the floor limit status (Only displayed when a thermostat with a floor limiting sensor is connected)

### Editing a Thermostat

To edit a thermostat, enter the Comms No and then click Edit

|                            |           |                                |  |
|----------------------------|-----------|--------------------------------|--|
| <a href="#">Edit stats</a> | Comms No. | <input type="text" value="1"/> | <input type="button" value="Edit Thermostat"/> |
|----------------------------|-----------|--------------------------------|--|

Depending on the model of thermostat you have connected to the Netmonitor, you will be able to adjust the settings stored within the thermostat.

### Heatmiser DT-N Model

| You are currently editing: (Comms 1): Dining Room |          |  |
|---|----------|--|
| Set Temperature                                   | 9        | <input type="text" value="9"/>                       |
| Display Status                                    | On       | <input type="text" value="1"/> (1-On 0-Off)          |
| Temperature Format                                | *C-Mode  |  |
| Key Lock Status                                   | Unlocked | <input type="text" value="0"/> (1-Locked 0-Unlocked) |
| Frost Mode  | Off      | <input type="text" value="0"/> (1-On 0-Off)          |

You can adjust;

**The Set Temperature:** (Simply enter the new desired temperature)

**The Display Status:** (Turn the display On by entering 1, Turn the display Off by entering 0)

**Temperature Format:** For viewing only

**Key Lock Status:** (Lock the thermostat by entering 1, Unlock by entering 0)

**Frost Mode** (Put the thermostat in to frost mode by entering 1, Cancel frost mode by entering 0)

### Heatmiser PRT-N Model

| You are currently editing: (Comms 1): Dining Room |   |  |
|---|---|--|
| Set Temperature                                   | 9                                       | <input type="text" value="9"/>                       |
| Display Status                                    | On                                      | <input type="text" value="1"/> (1-On 0-Off)          |
| Temperature Format                                | *C-Mode                                 |  |
| Key Lock Status                                   | Unlocked                                | <input type="text" value="0"/> (1-Locked 0-Unlocked) |
| Frost Mode  | Off                                     | <input type="text" value="0"/> (1-On 0-Off)          |
| Edit Comfort Levels                               |   |  |
| Heating Week-day                                  |   |  |
| <u>Level</u>                                      | Hour Minute = Set Point (e.g. 12.00=20) |  |
| 1   | <input type="text" value="09.00=06"/>   |  |
| 2   | <input type="text" value="10.00=07"/>   |  |
| 3   | <input type="text" value="11.00=08"/>   |  |
| 4   | <input type="text" value="12.00=09"/>   |  |
| Heating Weekend                                   |   |  |
| <u>Level</u>                                      | Hour Minute = Set Point (e.g. 12.30=25) |  |
| 1   | <input type="text" value="10.00=05"/>   |  |
| 2   | <input type="text" value="11.00=06"/>   |  |
| 3   | <input type="text" value="12.00=07"/>   |  |
| 4   | <input type="text" value="13.00=08"/>   |  |

You can adjust;

**The Set Temperature:** (Simply enter the new desired temperature)

**The Display Status:** (Turn the display On by entering 1, Turn the display Off by entering 0)

**Temperature Format:** For viewing only

**Key Lock Status:** (Lock the thermostat by entering 1, Unlock by entering 0)

**Frost Mode** (Put the thermostat in to frost mode by entering 1, Cancel frost mode by entering 0)

**Weekday Comfort Levels** (You can enter the comfort levels for the weekday, eg 09.00=16)

**Weekend Comfort Levels** (You can enter the comfort levels for the weekend, eg 09.00=16)

## Heatmiser PRT/HW-N Model

| Hot Water Week-day    |   |
|-----------------------|---|
| <u>Switching Time</u> | On Hour Minute-Off Hour Minute (e.g. 08.00-10.00) |
| 1                     | 7:30-8:20   |
| 2                     | 11:30-12:30                                       |
| 3                     | 17:30-19:00                                       |
| 4                     | 22:30-23:30                                       |
| Hot Water Weekend     |   |
| <u>Switching Time</u> | On Hour Minute-Off Hour Minute (e.g. 12.30-13.30) |
| 1                     | 8:30-9:30   |
| 2                     | 11:30-12:20                                       |
| 3                     | 17:30-19:30                                       |
| 4                     | 23:00-23:30                                       |

In addition to the PRT settings, on the PRT/HW you can also set the switching times for the hot water (like shown in the picture above)

You should enter the times in the following format (8.30-9.30)

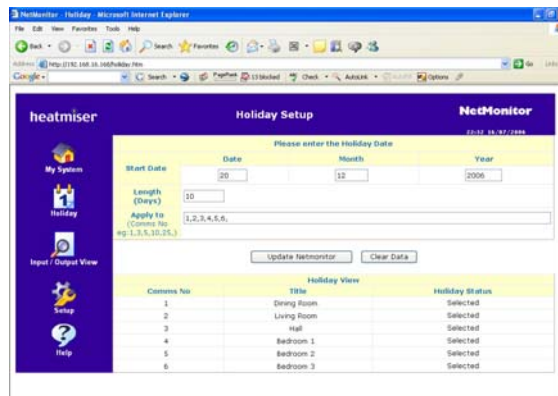


### 3 Holiday

The Netmonitor has a holiday feature which allows you to program a holiday period. During this period, the thermostats selected will switch into frost mode.

To set-up a holiday period, follow the steps below.

- Click the Holiday icon
- You will be presented with a screen similar to the one shown opposite.
- You should enter the Start date, the Length and the Year of the holiday
- You then need to tell the Netmonitor which thermostats should follow this holiday. For example, if you want thermostats 1, 2 & 7 to follow this holiday, you would enter 1,2,7, (Note the comma after 7)
- You will then see these thermostats are listed as selected. The rest should display Unselected
- You should click Update Netmonitor to save this holiday





## 4 Inputs & Output View

The Netmonitor has 6 inputs, 6 sensors and 6 outputs available. Clicking this icon will allow you to see their status.

### Sensors

This section displays the current sensor readings, the limits you have programmed and the alarm status

Assume I have set a High Limit Temperature of 30 – When is the alarm sent ?

The first email or SMS message is sent as soon as the temperature reaches 30. Before the alarm is re-triggered, the temperature must drop to 25 and then rise to 30 once more.

Assume I have set a Low Limit Temperature of 10 – When is the alarm sent ?

The first email or SMS message is sent as soon as the temperature reaches 10. Before the alarm is re-triggered, the temperature must rise to 15 and then drop to 10 once more.

### Inputs

This section displays the input status

Assume an Input has been made, when is the alarm sent ?

The Input must be made for 5 seconds before it is considered as an alarm. The alarm must be broken before it can be re-triggered.

### Outputs

This section displays the output status and allows you to control the output from this page. (Enter 1 to Turn On) (Enter 0 to Turn Off)

| Title    | Output Status | Change Status<br>(1-on 0-off)  |
|----------|---------------|--------------------------------|
| Output 1 | Off           | <input type="text" value="0"/> |
| Output 2 | Off           | <input type="text" value="0"/> |
| Output 3 | Off           | <input type="text" value="0"/> |
| Output 4 | Off           | <input type="text" value="0"/> |
| Output 5 | Off           | <input type="text" value="0"/> |
| Output 6 | On            | <input type="text" value="1"/> |

## 5 Text Message Functions (Netmonitor + Only)

| Global SMS Commands |  |
|---------------------|--|
| SMS Message         | Example  |
| Sensors             | A Text message is returned to you displaying the reading from the 6 sensors          |
| Inputs              | A Text message is returned to you displaying the status of the 6 inputs              |
| Outputs             | A Text message is returned to you displaying the status of the 6 outputs             |
| Set Frost On        | All stats are put into frost mode<br>A confirmation SMS message is returned          |
| Set Frost Off       | All stats are taken out of frost mode<br>A confirmation SMS message is returned      |
| Value xx            | All stats are sent a new Set Temp (xx)<br>A confirmation SMS message is returned     |
| Network             | An SMS Message is sent to you indicating the IP/Username/Passcode of your Netmonitor |

| Individual SMS Commands |   |
|-------------------------|---|
| SMS Message             | Example   |
| Set Stat xx Temp xx     | Set Stat 01 Temp 20 (Stat 01 will maintain 20)    |
| Set Stat xx Frost On    | Set Stat 01 Frost On (Stat 01 is in Frost Mode)   |
| Set Stat xx Frost Off   | Set Stat 01 Frost Off (Stat 01 Cancel Frost Mode) |
| Set Stat xx Hw On       | Set Stat 01 Hw On (Stat 01 HW Turned On)          |
| Set Stat xx Hw Off      | Set Stat 01 Hw Off (Stat 01 HW Turned Off)        |
| Set Output x On         | Set Output 1 On (Turn Output 1 On)                |
| Set Output x Off        | Set Output 1 Off (Turn Output 1 Off)              |

### Pay as You Go SIM Card

- Mobile phone companies require Pay as You Go customers to send at least one text message every 80 days in order to keep their connection open. As it is likely Pay as You Go SIM cards will primarily be used in the Netmonitor +, we have added a function where the Netmonitor will send a message to you every 80 days. The Netmonitor will send the "Network" message, see below for details.