

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
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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
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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.

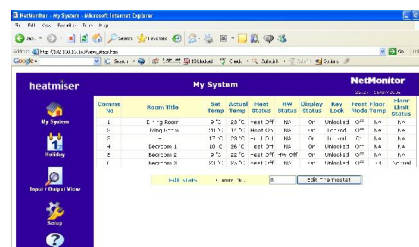


The login screen features a purple header with the 'heatmiser' logo. Below the header, there are two input fields: 'Username' and 'Password'. A 'Login' button is positioned below the password field.



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

Edit stats	Comms No.	1	Edit Thermostat
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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	9
Display Status	On	1 (1-On 0-Off)
Temperature Format	°C-Mode	
Key Lock Status	Unlocked	0 (1-Locked 0-Unlocked)
Frost Mode	Off	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	9
Display Status	On	1 (1-On 0-Off)
Temperature Format	°C-Mode	
Key Lock Status	Unlocked	0 (1-Locked 0-Unlocked)
Frost Mode	Off	0 (1-On 0-Off)
Edit Comfort Levels		
Heating Week-day		
<u>Level</u>	Hour Minute = Set Point (e.g. 12.00=20)	
1	09.00=06	
2	10.00=07	
3	11.00=08	
4	12.00=09	
Heating Weekend		
<u>Level</u>	Hour Minute = Set Point (e.g. 12.30=25)	
1	10.00=05	
2	11.00=06	
3	12.00=07	
4	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 (1-on 0-off)
Output 1	Off	0
Output 2	Off	0
Output 3	Off	0
Output 4	Off	0
Output 5	Off	0
Output 6	On	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 A confirmation SMS message is returned
Set Frost Off	All stats are taken out of frost mode A confirmation SMS message is returned
Value xx	All stats are sent a new Set Temp (xx) 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.